



FOR APPROVAL

PUBLIC

OPEN SESSION

TO: Academic Affairs Committee

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DATE: November 5, 2018 for November 12, 2018

AGENDA ITEM: 3

ITEM IDENTIFICATION:

Minor Undergraduate Curriculum Changes: Humanities, Sciences and Social Sciences

JURISDICTIONAL INFORMATION:

Under section 5.6 of its terms of reference, the Academic Affairs Committee is responsible for major and minor modifications to existing degree programs.

GOVERNANCE PATH:

- 1. Academic Affairs Committee [For Approval] (November 12, 2018)**

PREVIOUS ACTION TAKEN:

Minor undergraduate curriculum changes in the Humanities, Sciences and Social Sciences for the 2018-19 academic year were approved by the Academic Affairs Committee on January 8, 2018.

HIGHLIGHTS:

The Curriculum Reports are comprised of Minor Modifications to existing undergraduate programs. These curricular changes are intended to have significant positive impact on a cumulative basis, but are considered to be Minor changes in the context of the UTQAP. It is important to note that the changes brought forward at these meetings all come into effect for the UTM Calendar for the 2019-2020 Calendar.

The enclosed report represents the approved changes from the April and September 2018 meetings of the Decanal Divisional Curriculum Committees for Humanities, Social Sciences, and Sciences. These curriculum committees consist of the Chairs, Associate Chairs or Chair's designates of each UTM Department and Institutes. Each of the attached curriculum reports are divided into different

sections based on various types of changes and the changes are clearly indicated by different coloured text in both the “before” and “after” sections.

Sciences Divisional Curriculum Committee

In the Sciences Divisional Curriculum Committee report, changes in the Sciences programs were the result of adjustments to their offerings and requirements. The most notable change was the creation of half courses to be offered in lieu of the current Y courses (MAT134Y5 Calculus for Life Sciences and MAT135Y5 Calculus), which has driven program changes in other Science and Social Science programs. In addition, many of the course description changes across departments were made to ensure that contact hours are accurately reflected in the Academic Calendar.

As is typical, most other course changes across departments involved updating the titles, description, prerequisites and exclusions, and requirements of existing courses to more accurately reflect their content and mode of teaching or to provide more flexibility for students. The changes to courses in the Earth Sciences program are notable, as the many changes in description and delivery in that program are driven by an effort to bring the program into alignment with the requirements of an external professional body (the APGO).

New course offerings frequently reflected new topics identified as gaps from curriculum mapping efforts or to expand existing offerings due to student interest. Biology introduced a set of upper year courses to complement existing offerings in neurobiology, physiology, and developmental biology. Physics, Math, and Geography introduced a single new offering each to expand courses in existing areas. Forensic sciences introduced a large number of courses as a response to a recent program review; several of the additions, in particular in forensic biology, were also made possible by recent hires. Other programs also added courses in response to new hires; for example, computer science introduced a suite of three offerings in robotics due to hiring of a cluster of roboticists. Departments increased their ROP offerings to provide more flexibility for faculty to offer these opportunities.

Three sets of substantive program changes were proposed and approved: (1) The changes in the two specialists in Chemistry (Biological Chemistry and Chemistry) were the result of discussions at the departmental curriculum meetings that recommended a re-evaluation of the entry requirements for these two programs which resulted in a change that is in-line with other divisions; (2) The Forensic Science programs were modified in response to a recent program review. The updated programs make significant use of newly introduced FSC courses that more specifically address the learning outcomes of the program; (3) Psychology undertook a review of their joint (with Biology) Behaviour, Neuroscience, and Genetics Specialist. Changes were made in the program to make it more appealing to students and to clarify the requirements. These changes include a change to the program name, updates to the different threads of study within it, the removal of less related courses, and the addition of new courses of relevance to the program. In addition, 0.5 credits were added as the specialist was relatively light, and admissions requirements were shifted from CGPA to AGPA; (4) Mathematical and Computational Sciences converted their Information Security Specialist and Bioinformatics Specialist programs to Type 3 (limited enrolment) from Type 2. This change will bring these programs in-line with their existing Computer Science specialist and major programs with similar enrolment requirements.

In addition, a number of minor program changes were removed and approved. The Minor in Biomedical Communications included a required course that was overlooked at the previous meeting in September 2017. Paleontology re-added a course (ES111H5) that had been accidentally removed in a prior edit. Biology for Health Sciences removed two courses that are no longer options for students in the program; similarly, Psychology removed one course as an option and then undertook a significant housecleaning effort to improve clarity. The remainder of program changes reflect new course offerings or the removal of optional courses that are no longer offered.

Humanities Curriculum Committee

In association with continued departmental engagement with teaching, most Humanities programs have adjusted their offerings and requirements to provide clearer directions and better opportunities for students. As is typical, the greatest number of changes across departments involved updating the titles, description, and requirements of existing courses to more accurately reflect their content and mode of teaching or to provide more flexibility for students.

In other cases, courses have been added to reflect new faculty hires or to prepare for a future program proposal; for example, Visual Studies introduced new courses in cinema studies and fine art history for two recently hired faculty members and as well as a suite of cinema courses to provide offerings for a Cinema Studies major to be proposed in the upcoming year. A Linguistics course was also introduced for a newly hired faculty member in Language Studies. A new course in French Theatre and Performance, is being proposed based on the highly successful course in Italian by Language Studies.

Two sets of substantive program changes were proposed and approved at the Humanities Divisional Curriculum meeting: (1) Historical Studies incorporated changes to their History programs, including their combined program with Political Science, and updated course requirements. These changes reflect both modifications to the requirements in specific topic areas/divisions as well as updates to wording to clarify requirements. (2) The Language Studies Department introduced entry requirements for all its Linguistics programs, thereby converting their programs to Type 2 (limited enrolment). The entry requirements for the Linguistics major and minor will be based on a minimum grade requirement in their 100-level courses, and the requirements for English Language and Linguistics will be based on a CGPA requirement, with the understanding that students may enter the program after completing the online course LIN204H5.

In addition, minor changes were proposed and approved for several programs. For example, the Philosophy major and specialist programs to add new course offerings within the department and to remove courses no longer offered; a related minor program received more substantial treatment to clarify wording in addition to updating course codes. Several French and Italian programs, English programs, the South Asian Civilizations minor, and the Women and Gender Studies programs received similar updates (additions of new elective courses within the department and removals of courses no longer offered).

Social Science Curriculum Committee

Most Social Science programs adjusted their offerings and requirements to provide clearer directions and better opportunities for students. As is typical, the greatest number of changes across departments involved updating the titles, description, and requirements of existing courses to more accurately reflect their content and mode of teaching or to provide more flexibility for students. In addition, a significant number of the course description changes were made to ensure that contact hours are accurately reflected in the Academic Calendar. For example, these changes formed the majority of the existing course modifications performed by Political Science.

A number of courses were added to provide additional experiential opportunities for students. For example, ICCIT introduced a course in support of their new Professional Experience Certificate, and four departments introduced additional ROP and/or thesis offerings. Other course offerings reflected growth in areas of student interest or changes in a field; for example, ICCIT introduced two courses about hacker culture and social media. Finally, some courses were added due to recent faculty hires; for example, Sociology introduced four courses for a new faculty member, including three with an indigenous focus. Two departments introduced seminar courses, both to provide new topics for students and to accommodate new hires.

One substantive program change was proposed and approved. After extensive consultation with the Office of the Dean, the Department of Sociology introduced a CGPA requirement that varies annually based on demand, converting their programs to be Type 3 (limited enrollment). The flexible CGPA requirement provides control that enables the department to implement high-impact practices, such as internships, local/international field experiences, problem-based learning, senior research projects, research with faculty, and learning communities, as guided by first goal of UTM's Academic Plan, to "inspire student success by supporting a rigorous and innovative academic environment." This change was accompanied by clarifications to the requirements for entry and updates to reflect new and re-numbered courses.

The Social Science Curriculum committee reviewed and approved minor changes for multiple programs. The majority of changes were the result of adjustments to offerings and requirements and provide clarity in terms of requirements (Environmental Management and Criminology). The programs in Economics (including BCom) updated courses considered for Writing Requirements. Economics, as well as several Commerce programs, also modified calculus requirements to adjust to the newly introduced half-credit courses. The changes for programs in Commerce and Management updated and clarified program entry requirements. The changes to CCIT removed access to a stream of courses intended specifically for DEM students. The remainder of program changes reflect new course offerings.

Resource implications for various course changes and new course additions across all units were noted in the curriculum reports and were reviewed, discussed, and approved by the Office of the Dean. New courses that do not require resources will be taught by existing or new faculty.

FINANCIAL IMPLICATIONS:

There are no net implications for the campus' operating budget.

RECOMMENDATION:

Be It Resolved,

THAT the proposed Humanities undergraduate curriculum changes for the 2019-20 academic year, as detailed in the respective curriculum reports, be approved.

Be It Resolved,

THAT the proposed Sciences undergraduate curriculum changes for the 2019-20 academic year, as detailed in the respective curriculum reports, be approved.

Be It Resolved,

THAT the proposed Social Sciences undergraduate curriculum changes for the 2019-20 academic year, as detailed in the respective curriculum reports, be approved.

DOCUMENTATION PROVIDED:

Humanities Curriculum Committee Report
Humanities Minor Undergraduate Curriculum Changes
Sciences Curriculum Committee Report
Sciences Minor Undergraduate Curriculum Changes
Social Sciences Curriculum Committee Report
Social Sciences Minor Undergraduate Curriculum Changes



University of Toronto Mississauga Divisional Curriculum Committee Report

Divisional Curriculum Committee:	Humanities
Members:	<p>Prof. Andrew Petersen, Chair (September 25, 2018) Prof. Heather Miller, Chair (April 23, 2018)</p> <p>Prof. Alexandra Gillespie, Department of English & Drama Prof. Rebecca Wittmann/Prof. Andreas Bendlin, Department of Historical Studies Prof. Tracey Bowen/Prof. Anthony Wensley, Institute of Communication, Culture, Information and Technology Prof. Emmanuel Nikiema/Prof. Pascal Michleucci, Language Studies Prof. Diana Raffman, Philosophy Prof. Jill Caskey/Prof. Alison Syme, Visual Studies</p>
Date of Divisional Curriculum Committee Meetings:	Tuesday, April 23, 2018 Tuesday, September 25, 2018
Return to: Program and Curriculum Officer	Rosa Ciantar Acting Program and Curriculum Officer Office of the Dean, UTM rosa.ciantar@utoronto.ca

1. Overview

In association with continued departmental engagement with teaching, most Humanities programs have made adjustments to their offerings and requirements to provide clearer directions and better opportunities for students. As is typical, the greatest number of changes across departments involved updating the titles, description, and requirements of existing courses to more accurately reflect their content and mode of teaching or to provide more flexibility for students.

In other cases, courses have been added to reflect new faculty hires or to prepare for a future program proposal; for example, Visual Studies introduced new courses in cinema studies and fine art history for two recently hired faculty members and as well as a suite of cinema courses to provide offerings for a Cinema Studies major to be proposed in the upcoming year. A Linguistics course was also introduced for a newly hired faculty member in Language Studies.

In addition, Language Studies and Historical Studies are proposing new developments in French language and history. A new course in French Theatre and Performance, is being proposed based on the highly successful course in Italian by Language Studies.

Two sets of substantive program changes were proposed and approved at the Humanities Divisional Curriculum meeting:

(1) Historical Studies incorporated changes to their History programs, including their combined program with Political Science, and updated course requirements. These changes reflect both modifications to the requirements in specific topic areas/divisions as well as updates to wording to clarify requirements.

(2) The Language Studies Department introduced entry requirements for all its Linguistics programs, thereby converting their programs to Type 2 (limited enrolment). The entry requirements for the Linguistics major and minor will be based on a minimum grade requirement in their 100-level courses, and the requirements for English Language and Linguistics will be based on a CGPA requirement, with the understanding that students may enter the program after completing the online course LIN204H5.

In addition, minor changes were proposed and approved for several programs. For example, the Philosophy major and specialist programs to add new course offerings within the department and to remove courses no longer offered; a related minor program received more substantial treatment to clarify wording in addition to updating course codes. Several French and Italian programs, English programs, the South Asian Civilizations minor, and the Women and Gender Studies programs received similar updates (additions of new elective courses within the department and removals of courses no longer offered).

2. Rationale

Course changes and additions reflect two aspects of UTM teaching:

(1) a generally heightened level of attention to course offerings in departments, including the increased work on curriculum mapping and program design, resulting in both housekeeping to bring courses in line with desired learning outcomes and the addition of new courses as programs consider gaps or additions to their offerings of benefit to students; and

(2) the continued hiring of new faculty members in most departments, to improve the student-faculty ratio and fill gaps in course offerings and program needs associated with the specialties of these new hires.

Both of these factors have resulted in a range of changes from updated 'housekeeping' to the addition of new courses (see 1 above).

3. Summary of Change Categories

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Cinema Studies	0	0	0	14	0	6
Classical Civilization	0	0	0	2	0	9
Drama	0	0	0	5	1	0
Education Studies						8
English	0	0	0	18	20	68
Fine Art History (FAH)	0	0	0	5	0	15
Fine Art Studio (FAS)					1	1

French	0	1	0	1	3	7
History	0	0	0	1	2	21
History of Religions	0	0	0	9	0	13
Italian			1	3	1	8
Language Studies	1	1		1	4	6
Linguistics				1	2	7
Philosophy	0	0	1	0	0	6
Student Development and Transition				1		10
Visual Culture and Communication	0	0	0	0	0	6
Women and Gender Studies	0	0	0	2	1	7

Note: Numbers reflect changes from both April and September Curriculum Reports

4. Cumulative Glance

No. of full courses deleted: 0 No. of full courses added: 1 No. of half courses deleted: 0 No. of half courses added: 63 No. of full courses changed: 35 <i>No. of half courses changed: 198</i>
<i>Note: Numbers reflect changes from both April and September Curriculum Reports</i>

5. Major Changes

No major changes in Humanities were proposed in this curriculum cycle.
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Humanities
April Report

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SUMMARY OF COURSE CHANGES

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Cinema Studies	0	0	0	0	0	0
Classical Civilization	0	0	0	0	0	0
Communication, Culture, Information and Technology	0	0	0	0	0	0
Diaspora and Transnational Studies	0	0	0	0	0	0
Drama	0	0	0	0	0	0
Education Studies	0	0	0	0	0	1
English	0	0	0	0	0	0
Erindale Courses	0	0	2	0	0	0
Fine Art History (FAH)	0	0	0	0	0	0
Fine Art Studio (FAS)	0	0	0	0	0	0
French	0	0	0	2	0	0
History	0	0	0	0	0	1
History of Religions	0	0	0	0	0	0
Italian	0	0	0	0	0	0
Language Studies	1	0	0	2	2	0
Linguistics	0	2	0	2	0	5
Philosophy	0	0	0	0	0	0
Student Development and Transition	0	0	0	0	0	4
Visual Culture and Communication	0	0	0	0	0	0
Women and Gender Studies	0	0	0	0	0	0

New Programs

NONE

Programs - Resource Implications

Program #1 ERMAJ0652 History (Arts)

Resource implications: No resource implications.

Program #2 ERMAJ1850 Linguistic Studies (Arts)

Resource implications: None.

Program #3 ERMIN0506 Linguistic Studies (Arts)

Resource implications: None.

Program #4 ERMIN0652 History (Arts)

Resource implications: No resource implications.

Program #5 ERMIN1200 English Language Linguistics (Arts)

Resource implications: None.

Program #6 ERSPE0652 History (Arts)

Resource implications: No resource implications.

Program #7 ERSPE1045 History and Political Science (Arts)

Resource implications: No resource implications.

Program #8 ERSPE1384 International Affairs (Arts)

Resource implications: None.

Deleted Programs

NONE

Programs - Other Changes

Program #1 ERMAJ0652 History (Arts)

Rationale for change: The first change is to correct a spelling error. The second change is to provide students the opportunity to count language training as part of their study of History. This will be especially appealing to students who are considering graduate-level study, where they will require competence in languages. It will also benefit students who go on to seek employment in fields where languages are important, such as civil service or international business. To clarify the geographical and topical requirements for the program.

Before:

Higher Years At least ~~0.5~~ 200+ ~~level credit in~~ three ~~of the four following~~ geographical areas ~~of study:~~

1. Africa, Latin America, & the Caribbean
2. Asia and the Middle East
3. Canada & U.S.A.
4. Europe

~~0.5~~ 200+ ~~level credit in~~ three ~~of the five following~~ topical areas ~~of study:~~

1. Ancient History and Culture
2. Medieval History
3. History of Religion
4. Gender History
5. Ideas, Culture, and Society

3.0 300 level credits

0.5 400 level HIS credit

After:

Higher Years At least 1.5 credits at the 200+ level. They must be chosen from at least three different geographical areas below:

1. Africa, Latin America, & the Caribbean
2. Asia and the Middle East
3. Canada & U.S.A.
4. Europe

At least 1.5 credits at the 200+ level. They must be chosen from at least three different topical areas below:

1. Ancient History and Culture
2. Medieval History
3. History of Religion
4. Gender History
5. Ideas, Culture, and Society

3.0 300 level credits

0.5 400 level HIS credit

Program #2 ERMAJ1850 Linguistic Studies (Arts)

Rationale for change: Historically, our major program has catered to a range of student interests and abilities, which has had an impact on the choice and delivery of course material and on our expectations for the program's learning outcomes. With solid enrolment numbers, our unit feels it is time to impose a modest enrolment requirement on the major program so that we can raise the academic standard and produce even stronger and more competitive graduates. The addition of SAN392Y5 Intermediate Sanskrit to the list of possible upper-level courses that fulfill the program requirements will benefit the students by enhancing the program offerings (increasing the number of courses and range of topics from which they can choose). The course content and learning outcomes are squarely in line with the major program's aims, as it emphasizes a rigorous examination and description of the major aspects of the morpho-phonology, morpho-syntax, and of the semantics of Sanskrit from both eastern and western traditional approaches.

Before:

Limited Enrolment:

Upper Years

- Core requirement: LIN228H5, LIN229H5, LIN231H5/LIN237H5 (or LIN247H5), LIN232H5, LIN256H5/LIN288H5 (or LIN258H5).
- Language requirement: 1.0 credit in a language course. This credit should involve the same language and must be taken either concurrently with LIN101H5 and LIN102H5 (or LIN100Y5) or after their completion. The language must be one other than the student's first language; English language courses are excluded.
- Upper Year requirements: 1.5 credits from the following (choose ONE course from three of the following categories):
 - Method and analysis: LIN318H5 (or LIN368H5)/ LIN409H5/ LIN418H5 (LIN468H5)/ LIN411H5 (or LIN481H5)
 - Phonetics/Phonology: LIN322H5/LIN328H5
 - Syntax and Morphology: LIN331H5/LIN476H5 (or LIN406H5)
 - Semantics/Pragmatics: LIN337H5/LIN338H5
 - Language teaching, learning, and acquisition: LIN385H5 (or LIN356H5)/ LIN380H5/ LIN487H5 (or LIN417H5)/ LIN456H5/ LIN454H5 (or LIN474H5)
 - Language variation, contact, and change: LIN360H5/ LIN366H5/ LIN369H5 (or LIN376H5)/ LIN460H5/ LIN466H5/ LIN469H5
- The remaining 2.0 credits to be chosen from those courses not yet taken from the list above, or from the following list: ALL 300/400 level LIN/JAL courses, FRE454H5 (or FRE474H5), FRE489H5, ITA437Y5, ITA373H5, LTL488H5, PSY315H5, PSY374H5, PSY376H5, PHL350H5, PHL451H5, ANT362H5, ANT358H5.

Students must have a minimum of 0.5 credits at the 400 level. No more than 1.0 credits outside of LIN/JAL offerings (i.e. FRE, ITA) can be used towards program requirements.

After:

Limited Enrolment: **Enrolment in the Major program is limited to students who have achieved at least 63% in both LIN101H5 and LIN102H5.**

Upper Years

- Core requirement: LIN228H5, LIN229H5, LIN231H5/LIN237H5 (or LIN247H5), LIN232H5, LIN256H5/LIN288H5 (or LIN258H5).
- Language requirement: 1.0 credit in a language course. This credit should involve the same language and must be taken either concurrently with LIN101H5 and LIN102H5 (or LIN100Y5) or after their completion. The language must be one other than the student's first language; English language courses are excluded.
- Upper Year requirements: 1.5 credits from the following (choose ONE course from three of the following categories):
 - Method and analysis: LIN318H5 (or LIN368H5)/ LIN409H5/ LIN418H5 (LIN468H5)/ LIN411H5 (or LIN481H5)
 - Phonetics/Phonology: LIN322H5/LIN328H5
 - Syntax and Morphology: LIN331H5/LIN476H5 (or LIN406H5)
 - Semantics/Pragmatics: LIN337H5/LIN338H5
 - Language teaching, learning, and acquisition: LIN385H5 (or LIN356H5)/ LIN380H5/ LIN487H5 (or LIN417H5)/ LIN456H5/ LIN454H5 (or LIN474H5)
 - Language variation, contact, and change: LIN360H5/ LIN366H5/ LIN369H5 (or LIN376H5)/ LIN460H5/ LIN466H5/ LIN469H5
- The remaining 2.0 credits to be chosen from those courses not yet taken from the list above, or from the following list: ALL 300/400 level LIN/JAL courses, FRE454H5 (or FRE474H5), FRE489H5, ITA437Y5, ITA373H5, LTL488H5, PSY315H5, PSY374H5, PSY376H5, PHL350H5, PHL451H5, **SAN392Y5**, ANT362H5, ANT358H5.

Students must have a minimum of 0.5 credits at the 400 level. No more than 1.0 credits outside of LIN/JAL offerings (i.e. FRE, ITA) can be used towards program requirements.

Program #3 ERMIN0506 Linguistic Studies (Arts)

Rationale for change:

Historically, our minor program has catered to a range of student interests and abilities, which has had an impact on the choice and delivery of course material and on our expectations for the program's learning outcomes. With solid enrolment numbers, our unit feels it is time to impose a very modest enrolment requirement on the minor program so that we can raise the academic standard and produce even stronger and more competitive graduates. The addition of SAN392Y5 Intermediate Sanskrit to the list of possible upper-level courses that fulfill the program requirements will benefit the students by enhancing the program offerings (increasing the number of courses and range of topics from which they can choose). The course content and learning outcomes are squarely in line with the major program's aims, as it emphasizes a rigorous examination and description of the major aspects of the morpho-phonology, morpho-syntax, and of the semantics of Sanskrit from both eastern and western traditional approaches.

Before:

Limited Enrolment:

Upper Years The remaining courses to be chosen from the following list:

- Minimum 1.0 credit from the following list: LIN228H5, LIN229H5, LIN231H5, LIN232H5, LIN237H5 (or LIN247H5), LIN256H5, LIN288H5 (or LIN258H5).
- Minimum 1.0 credit from the following list: 1.0 credit from any 300 and 400 level LIN or JAL courses.
- 1.0 credit from any remaining courses listed in (1) or (2) or from the following list: FRE454H5 (or FRE474H5), FRE489H5, ITA373H5, **ITA437Y5**.

Note:

Some of the courses listed above have prerequisites which would not count towards this program.

After:

Limited Enrolment: **Enrolment in the Minor program is limited to students who have achieved at least 63% in both LIN101H5 and LIN102H5.**

Upper Years The remaining courses to be chosen from the following list:

- Minimum 1.0 credit from the following list: LIN228H5, LIN229H5, LIN231H5, LIN232H5, LIN237H5 (or LIN247H5), LIN256H5, LIN288H5 (or LIN258H5).
- Minimum 1.0 credit from the following list: 1.0 credit from any 300 and 400 level LIN or JAL courses.
- 1.0 credit from any remaining courses listed in (1) or (2) or from the following list: FRE454H5 (or FRE474H5), FRE489H5, ITA373H5, **ITA437Y5, SAN392Y5**.

Note:

Some of the courses listed above have prerequisites which would not count towards this program.

Program #4 ERMIN0652 History (Arts)

Rationale for change: To clarify the geographical requirements for the program.

Before:

Higher years At least **0.5 200/300 level credit in each of two of the four following** geographical areas **of study:**

1. Africa, Latin America, & the Caribbean
2. Asia and the Middle East
3. Canada & U.S.A.
4. Europe

1.0 credit at the 300 level

After:

Higher years At least **1.0 credits at the 200+ level. They must be chosen from at least two different** geographical areas **below:**

1. Africa, Latin America, & the Caribbean
2. Asia and the Middle East
3. Canada & U.S.A.
4. Europe

1.0 credit at the 300 level

Program #5 ERMIN1200 English Language Linguistics (Arts)

Rationale for change: The addition of CHI411H5 "Theory and Practice in English/Chinese Translation" to the list of possible upper-level courses that fulfill the program requirements will benefit the students by enhancing the program offerings (increasing the number of courses and range of topics from which they can choose). The course content and learning outcomes are squarely in line with the minor program's aims, as it emphasizes a close examination of aspects of the syntax and semantics of English (as it relates to Chinese). Historically, our minor program has catered to a range of student interests and abilities, which has had an impact on the choice and delivery of course material and on our expectations for the program's learning outcomes. With solid enrolment numbers, our unit feels it is time to impose a very modest enrolment requirement on the minor program so that we can raise the academic standard and produce even stronger and more

competitive graduates.

Before:

Limited Enrolment:

Upper Years

- 1.5 credits: LIN233H5 (or LIN203H5), LIN228H5, JAL253H5/LIN288H5 (or LIN258H5)
- 1.0 credit at the 300 or 400 level to be selected from the following list: LIN310H5, LIN311H5, LIN325H5 (or LIN335H5), LIN353H5, LIN357H5, JAL355H5, LIN388H5 (or LIN358H5), LIN410H5, **LIN486H5**.

After:

Limited Enrolment: **Enrolment in the Minor program is limited to students who have a CGPA of at least 2.0.**

Upper Years

- 1.5 credits: LIN233H5 (or LIN203H5), LIN228H5, JAL253H5/LIN288H5 (or LIN258H5)
- 1.0 credit at the 300 or 400 level to be selected from the following list: LIN310H5, LIN311H5, LIN325H5 (or LIN335H5), LIN353H5, LIN357H5, JAL355H5, LIN388H5 (or LIN358H5), LIN410H5, **LIN486H5**, **CHI411H5**

Program #6 ERSPE0652 History (Arts)

Rationale for change:

The first change is to correct a spelling error. The second change is to provide students the opportunity to count language training as part of their study of History. This will be especially appealing to students who are considering graduate-level study, where they will require competence in languages. It will also benefit students who go on to seek employment in fields where languages are important, such as civil service or international business To clarify the geographical and topical requirements for the program.

Before:

Higher Years At least ~~0.5~~ 200+ ~~level credit in each of three of the four following~~ geographical areas ~~of study:~~

1. Africa, Latin America, & the Caribbean
2. Asia and the Middle East
3. Canada & U.S.A.
4. Europe

At least ~~0.5~~ 200+ ~~level credit in each of three of the five following~~ topical areas ~~of study:~~

1. Ancient History and Culture
2. Medieval History
3. History of Religion
4. Gender History
5. Ideas, Culture, and Society

3.0 300-level credits

1.0 400-level HIS credits

2.5 additional HIS credits at any level

After:

Higher Years At least **1.5 credits at the** 200+ **level. They must be chosen from at least** three **different** geographical areas **below:**

1. Africa, Latin America, & the Caribbean
2. Asia and the Middle East
3. Canada & U.S.A.
4. Europe

At least **1.5 credits at the** 200+ **level. They must be chosen from at least** three **different** topical areas **below:**

1. Ancient History and Culture
2. Medieval History
3. History of Religion
4. Gender History

- 5. Ideas, Culture, and Society
- 3.0 300-level credits
- 1.0 400-level HIS credits
- 2.5 additional HIS credits at any level

Program #7 ERSPE1045 History and Political Science (Arts)

Rationale for change: To clarify the history requirements for the combined specialist program.

Before:

Notes:

- ~~Specialists must take a 100 level HIS credit to complete the program.~~
- Specialists may substitute non-HIS courses taught elsewhere at U of T Mississauga for up to 1.0 of the HIS credits.
- The Department of Historical Studies Handbook identifies substitutions, courses satisfying division requirements. It is available online at: www.utm.utoronto.ca/historicalstudies
- Higher Years ~~Additional HIS courses to a total of at least 7.0 credits from at least two geographical divisions of study. These must include at least 3.0 credits at the 300/400 level;~~ 2.0 HIS credits must correspond in region or theme to 2.0 of the POL credits chosen.

After:

Notes:

- Specialists may substitute acceptable non-HIS courses taught elsewhere at U of T Mississauga for up to 1.0 of the HIS credits.
- The Department of Historical Studies Handbook identifies substitutions, courses satisfying division requirements. It is available online at: www.utm.utoronto.ca/historicalstudies
- Higher Years At least 1.0 credits at the 200+ level. They must be chosen from at least two different geographical areas below:

1. Africa, Latin America, & the Caribbean
2. Asia and the Middle East
3. Canada & U.S.A.
4. Europe

2.0 credits at the 300+ level credits

1.0 HIS credit at the 400-level

2.5 additional HIS credits at any level

Note: 2.0 HIS credits must correspond in region or theme to 2.0 of the POL credits chosen.

Program #8 ERSPE1384 International Affairs (Arts)

Rationale for change:

Added: 1. GGR333H5 to requirement "C" - additional option for students. 2. ECO411H5 and ECO406H5 to requirement "D" - ECO412Y5 is no longer offered; these are the replacement courses.

Before:

A. 7.0 credits are required from the following list: ECO100Y5; MAT133Y5/134Y5/135Y5; ECO200Y5/204Y5/206Y5, 202Y5/208Y5/209Y5,220Y5/227Y5,364H5,365H5; POL208Y5 B. 4.0 language credits in the same discipline. C. 3.0 credits from: **ENV311H5, GGR325H5, 365H5; HIS311Y5/HIS311H5; POL302Y5, 327Y5/375H5, 340Y5, 343Y5,** 475H5 D. 1.0 credit from: **ECO400Y5/412Y/433H5/435H5/436H5/439Y5/456H5/460H5/461H5/463H5;** a 400-level language course. The following 400-level St. George courses will also fulfill this requirement: ECO419H1, 459H1; POL454Y1 or a 400-level course from a cognate discipline approved by the faculty advisor. Eligible Language components available at U of T Mississauga: French: FSL205Y5, FSL305Y5, FSL405H5, FSL406H5, FSL466H. NOTE: Students exempted from lower level courses may replace them with a higher level language courses in FRE (FRE283H5, FRE382H5, FRE383H5) German: GER100Y5, 200Y5, 300Y5, 330H5, 370H5 (300/400 level German courses not always available at UTM.) Italian: ITA100Y5, 200Y5, 231H5, 232H5, 315Y5, 350Y5, 371Y5, 413Y5, 437Y5, 420Y5 Spanish: SPA100Y5, 220Y5, 259H5, 320Y5, 323H5 Chinese: CHI100Y5, 200Y5 (or CHI201Y5/(CHI201H5,CHI202H5)), 301Y5, 310H5, 311H5, 408H5 Note: Other languages can be considered with the approval of the Department. Students without pre- and co-requisites or written permission of the instructor can be deregistered from courses at any time.

After:

A. 7.0 credits are required from the following list: ECO100Y5; MAT133Y5/134Y5/135Y5; ECO200Y5/204Y5/206Y5, 202Y5/208Y5/209Y5,220Y5/227Y5,364H5,365H5; POL208Y5 B. 4.0 language credits in the same discipline. C. 3.0 credits from:

ENV311H5,GGR325H5,333H5,365H5;HIS311Y5/HIS311H5;

POL302Y5,327Y5/375H5,340Y5,343Y5, 475H5 D. 1.0 credit from:

ECO400Y5/406H5/411H5/412Y5/433H5/435H5/436H5/439Y5/456H5/460H5/461H5/463H5;

a 400-level language course. The following 400-level St. George courses will also fulfill this requirement: ECO419H1, 459H1; POL454Y1 or a 400-level course from a cognate discipline approved by the faculty advisor. Eligible Language components available at U of T Mississauga: French: FSL205Y5, FSL305Y5, FSL405H5, FSL406H5, FSL466H. NOTE: Students exempted from lower level courses may replace them with a higher level language courses in FRE (FRE283H5, FRE382H5, FRE383H5) German: GER100Y5, 200Y5, 300Y5, 330H5, 370H5 (300/400 level German courses not always available at UTM.) Italian: ITA100Y5, 200Y5, 231H5, 232H5, 315Y5, 350Y5, 371Y5, 413Y5, 437Y5, 420Y5 Spanish: SPA100Y5, 220Y5, 259H5, 320Y5, 323H5 Chinese: CHI100Y5, 200Y5 (or CHI201Y5/(CHI201H5,CHI202H5)), 301Y5, 310H5, 311H5, 408H5 Note: Other languages can be considered with the approval of the Department. Students without pre- and co-requisites or written permission of the instructor can be deregistered from courses at any time.

New Courses

Course #1 FRE342H5 History of Quebec and French Canada (HUM)

Description:	This course examines the history of French Canada, focusing in particular on the period from the 1830s to the present. It explores questions of culture, political community, language, and geography, looking to these aspects of historical experience to situate Quebec and French Canada with respect to North America's English-speaking majority as well as to the French-speaking nations of Europe, Africa, and elsewhere in the Americas. The course is taught in English but students will work with French-language material and will be required to write all tests and assignments in French. This course is taught in conjunction with HIS342H5.
Exclusion:	HIS342H5
Prerequisite:	FRE280Y5 or permission of the instructor.
Rationale:	This course will be taught by Prof. Brian Gettler from the Department of Historical Studies. The students working with English-language material and writing tests and assignments in English will receive credit for the HIS342H5 course designation.
No. Hours Instruction:	24L
Offered at St George:	No
Revived Course:	No

Course #2 FRE356H5 Versailles and the Classical Age (HUM)

Description:	A close survey of selected literary texts from 17th century France in their political, social and artistic context. A selection from French drama, poetry and prose of the French classical age will be presented and analyzed. A study of Versailles palace and gardens and of life at court during the reign of King Louis XIV, the 'Sun King', will be included. Recommended companion course for FRE373H5 The French Language through Space and Time II.
Prerequisite:	FRE280Y or permission of the instructor.
Rationale:	This course will replace the former FRE356H5 Studies in 17th century French Literature which was never offered. It will not be purely literary but will also include a cultural element.
No. Hours Instruction:	24L, 12T
Offered at St George:	No
Revived Course:	No

Course #3 HIN211H5 Introductory Hindi I (HUM)

Description:	This course is for the students with no prior knowledge of Hindi language. Students will learn to read and write Hindi in Devanagari script with basic rules of Hindi grammar. Introduction to phonology, grammar, syntax of the modern Hindi language; emphasis on basic writing and reading.
Exclusion:	HIN212Y5, LGGA70H3, LGGA71H3
Prerequisite:	All students who are enrolling in an HIN language course for the first time are required to complete a language assessment questionnaire. Students who have not completed an assessment cannot be approved for course enrolment. Please visit www.utm.utoronto.ca/language-studies/elective-languages for further details.
Rationale:	Formerly HIN212Y5. Two half courses are more attractive for students because it does not require a long-term commitment. From the instructor's point of view, two half courses give more flexibility to design and adjust the syllabus with the pace of learning. Each half a course has specific learning objectives, which is reflected in a new description.
No. Hours Instruction:	24L, 24P
Offered at St George:	No
Revived Course:	No

Course #4 HIN212H5 Introductory Hindi II (HUM)

Description:	This course focuses on further development of grammatical structures from HIN211H and continues to next level of Hindi grammar. Students will be introduced to the vocabulary to advance their speaking and writing skills with basic
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rules of Hindi grammar.

Exclusion: HIN212Y5, LGGA70H3, LGGA71H3

Prerequisite: HIN211H5 or appropriate language level as indicated by the language assessment questionnaire (Please visit www.utm.utoronto.ca/language-studies/elective-languages for further details).

Rationale: Formerly HIN212Y5. Two half courses are more attractive for students because it does not require a long-term commitment. From the instructor's point of view, two half courses give more flexibility to design and adjust the syllabus with the pace of learning. Each half a course has specific learning objectives, which is reflected in a new description.

No. Hours Instruction: 24L, 24P

Offered at St George: No

Revived Course: No

Course #5 LIN271Y5 Introduction to Sanskrit (HUM)

Description: This course introduces students to the basic grammar of classical Sanskrit. Students will engage with its phonology (including pronunciation, sandhi, and metrics) and morphology (including word formation, nominal declension and verbal conjugation, and dissolving compounds). Students will apply their grammatical knowledge and analytic skills to the reading of basic Sanskrit texts. By the end of the course, students will be able to read simple, narrative Sanskrit. This course is cross-listed with SAN291Y5 and can be used to count toward the Major Program's Language Requirement.

Exclusion: SAN291Y5

Rationale: This request involves cross-listing with an existing course, SAN291Y5 Introduction to Sanskrit. Our rationale for cross-listing this SAN course as a LIN course follows from the strong linguistic component of this course. It may be used to fulfill the Language Requirement or it may simply count as an elective course in LIN. Adding the course to the LIN offerings further emphasizes the importance we place on the study of a new language in tandem with courses that focus on formal analysis, and it is consistent with our other proposals that emphasize the investigation of an understudied language (e.g., the addition of SAN392Y5 to the courses that can count toward an upper-level major or minor program requirement; the new course LIN271Y5).

No. Hours Instruction: 72L, 24P

Offered at St George: No

Revived Course: No

Course #6 LIN279Y5 A Language Unlocked (HUM)

Description: Introduction to the fundamentals of grammar and usage in context of an understudied language. The language offered will vary from year-to-year, and may include American Sign Language, an Indigenous language of Canada, or an extinct or endangered language. *This course can be used to count toward the Major Program's Language Requirement.*

Rationale: The addition of this LIN course uniquely enhances our offerings concerning the study of a particular language. While one of the broader aims of our major and minor programs is the description and analysis of the properties common to human languages, linguistic method proceeds by detailed examination and comparison of specific languages. Our major program emphasises this by requiring students to take 1.0 credit in a language they do not yet know about. Many students opt to study an introductory course in French, Italian, Arabic, etc. offered in our department. The LIN unit would like to enhance the choices students have by offering the opportunity to investigate the grammar and usage of an understudied language at an introductory level. LIN279Y5 A Language Unlocked will achieve this goal. This course would also respond to high student interest in ASL and Indigenous languages of Canada within our programs. The offering would also further distinguish our major program from those at UTSG and UTSC in producing students with both a solid foundation in linguistic analysis and a unique breadth of empirical knowledge and awareness.

No. Hours Instruction: 48L, 24P

Offered at St George: No

Revived Course: No

Course #7 LIN327H5 Speech Perception (HUM)

Description:	For human listeners, understanding speech seems automatic and effortless, even when confronted with diverse talkers and many different communicative contexts. However, the underlying processes by which we perform this task are not well understood. This course covers the fundamentals of speech perception, discussing how it is shaped by a combination of linguistic, auditory, and cognitive influences. Through laboratory exercises, students will replicate classic experimental findings and gain hands-on experience with data analysis.
Exclusion:	PLID50H3
Prerequisite:	LIN228H5 and one of LIN229H5/LIN288H5/LIN318H5/PSY270H5/PSY274H4
Rationale:	The addition of this LIN course, which is a core component of the field of Psycholinguistics, provides a crucial building block in our program's growing emphasis on quantitative and experimental approaches to the study of language. There is a high level of interest in the student population for courses on language comprehension, as it is relevant both for those students who wish to pursue graduate studies in linguistics and for clinical applications (e.g. speech-language pathology and audiology). The offering would also further distinguish our program from that of the downtown campus, which has no equivalent course.
No. Hours Instruction:	24L, 24P
Offered at St George:	No
Revived Course:	No

Course #8 LIN458H5 Analyzing Sociolinguistic Variation (HUM)

Description:	All languages, in all linguistic domains, exhibit variation - more than one way of saying the same thing. This variation is not random but dependent on various linguistic, social, and cognitive conditioning factors. This course explores the theory and practice of analyzing such sociolinguistic variation. Students will receive hands-on instruction in fieldwork methods for collecting natural speech data and quantitative methods for analyzing patterns in that data. [24L]
Prerequisite:	LIN256H5, plus 0.5 credit in a 300-level LIN course
Rationale:	Language Studies currently offers two upper year courses in sociolinguistics but these are specific to the French language and issues in Language Teaching and Learning (LIN454H5 and LIN456H5.) This course will complement our current offerings in sociolinguistics as a natural continuation of LIN256. In LIN256, students learn about the foundational concepts and ideas of variationist sociolinguistics; in LIN458H5 students will have the opportunity to explore the practical side of the field through the study and application of its methods. This course will be primarily taught by a new faculty member (Dr. Derek Denis, hired in 2017); the topic falls squarely in his teaching and research profile.
No. Hours Instruction:	24L
Offered at St George:	No
Revived Course:	No

Courses - Resource Implications

Course #1 EDS325H5 Supplemental Instruction in Higher Education: The Impact of Peer-Facilitated Study Groups

Resource implications: None - editorial.

Course #2 FRE342H5 History of Quebec and French Canada

Resource implications: None. Course will be taught by FT faculty.

Course #3 FRE356H5 Versailles and the Classical Age

Resource implications: None. Course will be taught by FT faculty.

Course #4 HIN211H5 Introductory Hindi I

Resource implications: None. The SLIII teaching HIN212Y5, will now teach HIN211H5 and HIN212H5.

Course #5 HIN212H5 Introductory Hindi II

Resource implications: None. SLIII who taught will now teach HIN211H5 and HIN212H5

Course #6 HIS306H5 The Cold War

Resource implications: No resource implications.

Course #7 LIN271Y5 Introduction to Sanskrit

Resource implications: None. The course SAN291Y5 is offered independently.

Course #8 LIN279Y5 A Language Unlocked

Resource implications: None, however, when the content is focused on ASL, a sessional will need to be hired.

Course #9 LIN327H5 Speech Perception

Resource implications: None.

Course #10 LIN357H5 English Worldwide

Resource implications: None.

Course #11 LIN410H5 Critical Reading and Writing in English Linguistics

Resource implications: None.

Course #12 LIN418H5 Research Methods in Linguistics

Resource implications: None.

Course #13 LIN421H5 Speaking and Hearing with an Accent

Resource implications: None.

Course #14 LIN458H5 Analyzing Sociolinguistic Variation

Resource implications: None.

Course #15 LIN469H5 Topics in Romance Linguistics

Resource implications: None.

Course #16 SAN291Y5 Introductory Sanskrit

Resource implications: None. Description change.

Course #17 SAN392Y5 Intermediate Sanskrit

Resource implications: None. Description change.

Course #18 utm112H5 utmONE: Power of Expression

Resource implications: none

Course #19 utm115H5 utmONE: Communication Among Cultures

Resource implications: none

Course #20 utm116H5 utmONE: Happiness

Resource implications: none

Course #21 utm290H5 utmONE Scholars: Launching Your Research

Resource implications: none

Deleted Courses

Course #1 ERI203H5 Introduction to Scholarly Research

Rationale: Course has not been offered in the last 5+ years.

Course #2 ERI235H5 Russian & Soviet Cinema II: New Wave, Ideology & Dissent, the End of an Empire

Rationale: Course has not been offered in the last 5+ years.

Course #3 HIN212Y5 Introduction to Hindi

Rationale: Course will be replaced with two H courses, HIN211H5 and HIN212H5

Courses - Description Changes

Course #1 LIN410H5 Critical Reading and Writing in English Linguistics

- Before:** The goal of the course is to develop skill in academic writing through the analysis of representative articles concerning classic and current issues in English linguistics. Careful reading and discussion will lead students to construct concise summaries of the texts and to critically evaluate them using cohesive, logical arguments. **[24L, 12T]**
- After:** The goal of the course is to develop skill in academic writing through the analysis of representative articles concerning classic and current issues in English linguistics. Careful reading and discussion will lead students to construct concise summaries of the texts and to critically evaluate them using cohesive, logical arguments. **[24L]**
- Rationale:** 400-level LIN courses generally only require 2 hours of contact each week, given the increased emphasis on independent work (student-driven research projects) in such courses. This course is aligned with the practice.
-

Course #2 LIN418H5 Research Methods in Linguistics

- Before:** Introduction to the main methods, tools and techniques used in the analysis, interpretation and presentation of linguistic data. Topics may include research in the areas of general linguistics, language acquisition, psycholinguistics, sociolinguistics and dialectology. This course involves a practical component where students will apply skills learned in order to carry out their own study. Note that a background in statistics is NOT required for this course. Formerly LIN468H5 **[36L]**
- After:** Introduction to the main methods, tools and techniques used in the analysis, interpretation and presentation of linguistic data. Topics may include research in the areas of general linguistics, language acquisition, psycholinguistics, sociolinguistics and dialectology. This course involves a practical component where students will apply skills learned in order to carry out their own study. Note that a background in statistics is NOT required for this course. Formerly LIN468H5 **[24L]**
- Rationale:** 400-level LIN courses generally only require 2 hours of contact each week, given the increased emphasis on independent work (student-driven research projects) in such courses. This course is aligned with the practice.
-

Course #3 LIN469H5 Topics in Romance Linguistics

- Before:** An advanced seminar on current issues of theoretical relevance in Linguistics with special reference to Romance languages such as French, Italian, Spanish and Romanian. Depending on the instructor, focus of the course may be more oriented towards morpho-phonology or morpho-syntax. **[24L, 12T]**
- After:** An advanced seminar on current issues of theoretical relevance in Linguistics with special reference to Romance languages such as French, Italian, Spanish and Romanian. Depending on the instructor, focus of the course may be more oriented towards morpho-phonology or morpho-syntax. **[24L]**
- Rationale:** 400-level LIN courses generally only require 2 hours of contact each week, given the increased emphasis on independent work (student-driven research projects) in such courses. This course is aligned with the practice.
-

Course #4 SAN291Y5 Introductory Sanskrit

- Before:** This ~~introductory~~ course ~~looks at mastering~~ the ~~reading and writing of the Devanagari script and studying~~ the grammar of the classical Sanskrit language. ~~There will be close analytical~~ reading of ~~simple~~ Sanskrit ~~texts,~~ ~~which are used to reinforce~~ the ~~grammatical study done in the first half of this course.~~ ~~The aim is to~~ bring students to ~~the point where they are comfortably able, with the help of a dictionary,~~ to read simple, narrative ~~Sanskrit. Texts in~~ Sanskrit. [72L, 24P]
- After:** This course introduces students to the basic grammar of the classical Sanskrit language. Students will engage with its phonology (including pronunciation, sandhi, and metrics) and morphology (including word formation, nominal declension, and verbal conjugation). Students will apply their grammatical knowledge and analytic skills to the reading of basic Sanskrit texts. By the end of the course, students will be able to read simple, narrative Sanskrit. [72L, 24P]
- Rationale:** The new course description better highlights the linguistic focus of the course and includes the grammatical topics covered.
-

Course #5 SAN392Y5 Intermediate Sanskrit

- Before:** ~~Continuation~~ of Introductory Sanskrit ~~with grammar review~~ and ~~readings at the intermediate level.~~ ~~This course consists of a thorough review of~~ ~~grammatical structures in~~ Sanskrit ~~with reading of simple Sanskrit narrative~~ ~~texts.~~ [72L, 24P]

After: *This course is a continuation* of Introductory *Sanskrit. It deepens students' knowledge of the phonology, morphology, and syntax of classical Sanskrit using both western and Indian linguistic terminology as descriptive devices. Students will apply their deeper grammatical knowledge and sharpened analytic skills to the reading* of a *variety* of Sanskrit *genres. This course counts towards LIN Major and Minor programs.* [72L, 24P]

Rationale: The new course description better highlights the linguistic focus of the course and includes the grammatical topics covered.

Course #6 utm112H5 utmONE: Power of Expression

Before: This course asks big questions about what creative expression is, how it influences society, and what role it plays in people's lives. Students will explore expression as social and cultural production, as intervention, and as a tool for social dialogue through assignments and small group activities that develop and refine key skills relevant to the humanities and social sciences. As part of this course students will participate in a series of tutorials that will ~~introduce~~ them ~~to essential elements of a holistic student experience~~ (such as ~~career exploration, health and wellness, and co-curricular engagement~~). [24L, 12T]

After: This course asks big questions about what creative expression is, how it influences society, and what role it plays in people's lives. Students will explore expression as social and cultural production, as intervention, and as a tool for social dialogue through assignments and small group activities that develop and refine key skills relevant to the humanities and social sciences. As part of this course students will participate in a series of tutorials that will help them build foundations for academic success (such as understanding the value of higher education, developing a growth mindset, and finding passion). [24L, 12T]

Rationale: Updated language to reflect the new ONE tutorial model.

Course #7 utm115H5 utmONE: Communication Among Cultures

Before: This course is an introduction to inter-cultural communication primarily in the areas of writing and speaking. It is designed to address fundamental skills related to language use in the academic setting by focusing on topics such as customs, attitudes, beliefs, and values. Specific examples will be drawn from real-life university situations, and multiple viewpoints on the nature of diversity in communication will be discussed. As part of this course students will participate in a series of tutorials that will ~~introduce~~ them ~~to essential elements of a holistic student experience~~ (such as ~~career exploration, health and wellness, and co-curricular engagement~~). [24L, 12T]

After: This course is an introduction to inter-cultural communication primarily in the areas of writing and speaking. It is designed to address fundamental skills related to language use in the academic setting by focusing on topics such as customs, attitudes, beliefs, and values. Specific examples will be drawn from real-life university situations, and multiple viewpoints on the nature of diversity in communication will be discussed. As part of this course students will participate in a series of tutorials that will help them build foundations for academic success (such as understanding the value of higher education, developing a growth mindset, and finding passion). [24L, 12T]

Rationale: Updated language to reflect the new ONE tutorial model.

Course #8 utm116H5 utmONE: Happiness

Before: This course investigates the concept of happiness from its earliest articulations in the ancient world to today. Drawing on a wide array of sources in disciplines in the social sciences and humanities, we will investigate "happiness" across time and place. Throughout the semester students will reflect on the concept as it relates to their own lives as well as how it shapes society as a whole. As part of this course students will participate in a series of tutorials that will ~~introduce~~ them ~~to essential elements of a holistic student experience~~ (such as ~~career exploration, health and wellness, and co-curricular engagement~~). [24L, 12T]

After: This course investigates the concept of happiness from its earliest articulations in the ancient world to today. Drawing on a wide array of sources in disciplines in the social sciences and humanities, we will investigate "happiness" across time and place. Throughout the semester students will reflect on the concept as it relates to their own lives as well as how it shapes society as a whole. As part of this course students will participate in a series of tutorials that will help them build foundations for academic success (such as understanding the value of higher education, developing a growth mindset, and finding passion). [24L, 12T]

Rationale: Updated language to reflect the new ONE tutorial model.

Course #9 utm290H5 utmONE Scholars: Launching Your Research

Before: This seminar provides students with the opportunity to build on the skills introduced in utmONE Scholars seminars, and participate in a research project under the close supervision of faculty members. Thematic content will vary from year to year, but there will be an emphasis on developing research methods and the clear communication of research findings. In some years, as part of this course students may have the option of participating in an international learning experience during Reading Week that will have an additional cost.

Preference will be given to students who have previously completed a utmONE Scholars seminar. Limited Enrolment and Application Process: see **Office of Student Transition** Website for more details. [24S]

After: This seminar provides students with the opportunity to build on the skills introduced in utmONE Scholars seminars, and participate in a research project under the close supervision of faculty members. Thematic content will vary from year to year, but there will be an emphasis on developing research methods and the clear communication of research findings. In some years, as part of this course students may have the option of participating in an international learning experience during Reading Week that will have an additional cost.

Preference will be given to students who have previously completed a utmONE Scholars seminar. Limited Enrolment and Application Process: see **the Centre for Student Engagement** Website for more details. [24S]

Rationale: Office of Student Transition merger with the Center for Student Engagement

Courses - Other Changes

Course #1 EDS325H5 Supplemental Instruction in Higher Education: The Impact of Peer-Facilitated Study Groups

Before: Prerequisite: Open to all students, but the completion of EDS100H5 or other EDS courses or experience that has directly supported an understanding of teaching and learning is **recommended. Recommended Preparation:**

After: Prerequisite: **Recommended Preparation:** Open to all students, but the completion of EDS100H5 or other EDS courses or experience that has directly supported an understanding of teaching and learning is **recommended but not required.**

Rationale:

Course #2 HIS306H5 The Cold War

Before: Course Exclusion:

After: Course Exclusion: **HIS401H1, HIS401Y1**

Rationale: To add course exclusions for UTSG courses.

Course #3 SAN291Y5 Introductory Sanskrit

Before: Course Exclusion: SAN390H5, SAN391H5, **RLG260Y1**

After: Course Exclusion: SAN390H5, SAN391H5, **RLG260Y1, RLG260H1, RLG263H1**

Rationale: The new course description better highlights the linguistic focus of the course and includes the grammatical topics covered.

Course #4 SAN392Y5 Intermediate Sanskrit

Before: Prerequisite: **Course** Exclusion: SAN390H5, **SAN391H5/SAN291Y5, RLG369H1**

After: Prerequisite: **SAN291Y5 and/or RLG260Y1, RLG260H1, RLG263H1.**
Course Exclusion: SAN390H5, **SAN391H5, RLG359H1, RLG360H1**

Rationale: The new course description better highlights the linguistic focus of the course and includes the grammatical topics covered.

Humanities

(September Report)

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SUMMARY OF COURSE CHANGES

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Cinema Studies	0	0	0	14	0	6
Classical Civilization	0	0	0	0	0	8
Communication, Culture, Information and Technology	0	0	0	0	0	0
Diaspora and Transnational Studies	0	0	0	0	0	0
Drama	0	0	0	5	1	0
Education Studies	0	0	0	0	0	8
English	0	0	0	18	20	63
Erindale Courses	0	0	0	0	0	0
Fine Art History (FAH)	0	0	0	4	0	14
Fine Art Studio (FAS)	0	0	0	0	1	1
French	0	0	0	1	3	7
History	0	0	0	0	1	20
History of Religions	0	0	0	0	0	12
Italian	0	0	1	3	1	8
Language Studies	1	1	0	1	4	6
Linguistics	0	0	0	1	2	7
Philosophy	0	0	1	0	0	5
Student Development and Transition	0	0	0	1	0	10
Visual Culture and Communication	0	0	0	0	0	6
Women and Gender Studies	0	0	0	0	1	6

New Programs

NONE

Programs - Resource Implications

Program #1 ERMAJ0231 Philosophy (Arts)

Resource implications: None

Program #2 ERMAJ1249 Language Teaching and Learning: Italian (Arts)

Resource implications: none

Program #3 ERMAJ1295 French Studies (Arts)

Resource implications: none

Program #4 ERMAJ1645 English (Arts)

Resource implications: No resource implications.

Program #5 ERMAJ2524 Italian (Arts)

Resource implications: none

Program #6 ERMIN1000 Functional French (Arts)

Resource implications: none

Program #7 ERMIN1370 Philosophy of Science (Arts)

Resource implications: None

Program #8 ERMIN2524 Italian (Arts)

Resource implications: none

Program #9 ERSPE0231 Philosophy (Arts)

Resource implications: None

Program #10 ERSPE1092 Language Teaching and Learning: French and Italian (Arts)

Resource implications: none

Program #11 ERSPE1384 International Affairs (Arts)

Resource implications: None

Program #12 ERSPE1645 English (Arts)

Resource implications: No resource implications.

Program #13 ERSPE2524 Italian (Arts)

Resource implications: none

Deleted Programs

NONE

Programs - Other Changes

Program #1 ERMAJ0231 Philosophy (Arts)

- Rationale for change:** Correcting the course codes for the introductory PHL courses and removed PHL105Y5Y and PHL277Y5 as they are no longer offered. Changed PHL202H5 to PHL200H5, PHL313H5 to PHL310H5 and PHL416H5 to PHL410H5 to reflect new course codes.
- Before:** Students must complete a program of 7.0 credits in Philosophy (not including PHL204H5), at least 3.0 of which must be at the 300/400 level. The program must include:
- at least 2.5 credits in the History of Philosophy: ~~PHL202H5~~, 210Y5 and 1.0 additional credit from PHL220H5, 300H5, 307H5, ~~313H5~~, 314H5, 315H5, 324H5, 325H5, 327H5, 400H5, ~~416H5~~, 420H5;
 - at least 0.5 credits in Logic: PHL245H5;
 - at least 1.0 credits in Metaphysics and Epistemology: from PHL240H5, 258H5, 332H5, 333H5, 340H5, 341H5, 342H5, 350H5, 355H5, 358H5, 360H5, 430H5
 - at least 1.0 credits in Ethics and Political Philosophy: ~~PHL277Y5~~ or PHL275H5 ~~and one of PHL265H5 or PHL274H5~~ It is ~~strongly~~ recommended: that students begin their study of Philosophy with ~~PHL101H5 or PHL102H5 or PHL105Y6~~; and that students planning to enrol in the Major Program in Philosophy complete at least 2.0 credits of ~~PHL202H5~~, 210Y5, ~~245H5~~ and ~~277Y5~~ or both 265H5 and 275H5 by the end of their second year.
- After:** Students must complete a program of 7.0 credits in Philosophy (not including PHL204H5), at least 3.0 of which must be at the 300/400 level. The program must include:
- at least 2.5 credits in the History of Philosophy: PHL200H5, 210Y5 and 1.0 additional credit from PHL220H5, 300H5, 307H5, 310H5, 314H5, 315H5, 324H5, 325H5, 327H5, 400H5, 410H5, 420H5;
 - at least 0.5 credits in Logic: PHL245H5;
 - at least 1.0 credits in Metaphysics and Epistemology: from PHL240H5, 258H5, 332H5, 333H5, 340H5, 341H5, 342H5, 350H5, 355H5, 358H5, 360H5, 430H5
 - at least 1.0 credits in Ethics and Political Philosophy: PHL265H5, PHL274, PHL275H5 It is recommended: that students begin their study of Philosophy with PHL103H5 or PHL113H5; and that students planning to enrol in the Major Program in Philosophy complete at least 2.0 credits of PHL200H5, 210Y5, 245H5, and 265H5 or 275H5 by the end of their second year.
-

Program #2 ERMAJ1056 Language Teaching and Learning: French (Arts)

- Rationale for change:** An additional FRE Language Teaching and Learning course (FRE454H5) has been added to the list of eligible courses in order to broaden the range of options for students. The course code for LTL417H5 was changed to LTL487H5 in the 2017 curriculum changes. This change now needs to be reflected in the program requirements.
- Before:**
- Third & Fourth Year
- FRE382H5, FRE383H5/FRE380H5
 - 1.0 credit to be chosen among the FRE Language Teaching and Learning courses (FRE325H5, 345H5, 352H5, 353H5, **355H5**)
 - 1.0 credit to be chosen among the LTL Language Teaching and Learning courses (LTL380H5, **417H5**, 456H5, 486H5, 488H5)
- After:**
- Third & Fourth Year
- FRE382H5, FRE383H5/FRE380H5
 - 1.0 credit to be chosen among the FRE Language Teaching and Learning courses (FRE325H5, 345H5, 352H5, 353H5, **355H5, 454H5**)
 - 1.0 credit to be chosen among the LTL Language Teaching and Learning courses (LTL380H5, **487H5**, 456H5, 486H5, 488H5)
-

Program #3 ERMAJ1249 Language Teaching and Learning: Italian (Arts)

- Rationale for change:** The revised description of the strand better reflects the nature of the courses it contains. The course code for LTL417H5 was changed to LTL487H5 in the 2017 curriculum changes. This change needs to be reflected in the program requirements.
- Before:** 8.0 credits are required including at least 2.0 credits at the 300/400 level. Written work will be done in Italian in all courses.

- ITA100Y5/101Y5. Students exempted from this course may replace it with a higher level 1.0 credit in ITA.
- ITA200Y5/ITA201Y5
- ITA350Y5
- ITA437Y5
- 1.5 additional credits in Italian Language Teaching.
- 2.0 additional credits in any of the other Italian course categories (excluding those listed above).
- 0.5 credit from LTL380H5, **LTL417H5**, LTL456H5, LTL488H5

After: 8.0 credits are required including at least 2.0 credits at the 300/400 level. Written work will be done in Italian in all courses.

- ITA100Y5/101Y5. Students exempted from this course may replace it with a higher level 1.0 credit in ITA.
- ITA200Y5/ITA201Y5
- ITA350Y5
- ITA437Y5
- 1.5 additional credits in Italian **Linguistics**; Language Teaching.
- 2.0 additional credits in any of the other Italian course categories (excluding those listed above).
- 0.5 credit from LTL380H5, LTL456H5, **LTL487H5**, LTL488H5

Program #4 ERMAJ1295 French Studies (Arts)

Rationale for change: Courses to be removed have not been taught in several years. Either they were replaced with other courses in the same field (FRE317H5, 319H5, 356H5, 367H5, FRE368H5) or cannot be offered because of the unavailability of a specialist (FRE320H5, FRE365H5) Courses to be added had been previously omitted by error (467H5, 468H5) or are new (FRE315Y5, 342H5, 356H5)

Before: Course Categories:
 - French Linguistics: FRE325H5, 355H5, 372H5, 373H5, 376H5, 378H5, 387H5, 474H5, 476H5, 489H5
 - French Literary and Cultural Studies : FRE312H5, 316H5, ~~317H5, 319H5, 320H5~~, 340H5, 356H5, 357H5, 363H5, 364H5, ~~365H5, 367H5~~, 368H5, ~~369H5~~, 370H5, 372H5, 373H5, 391H5, 393H5, 397H5, 445H5, 446H5, 482H5
 - Teaching & Learning: LTL380H5, 417H5, 456H5, 486H5, 488H5; FRE325H5, 345H5, 352H5, 353H5, **355H5**
 Third Year
 - FRE382H5 and ~~FRE383H5/FRE380H5~~
 - 3.0 credits to be completed in ONE area of concentration:
 (a) French Linguistics; (b) French Literary and Cultural Studies

After: Course Categories:
 - French Linguistics: FRE325H5, 355H5, 372H5, 373H5, 376H5, 378H5, 387H5, **FRE388H5**, 474H5, 476H5, 489H5
 - French Literary and Cultural Studies : FRE312H5, **315Y5**, 316H5, 340H5, **342H5**, 356H5, 357H5, 363H5, 364H5, 368H5, 370H5, 372H5, 373H5, 391H5, 393H5, 397H5, 445H5, 446H5, **467H5, 468H5**, 482H5
 - Teaching & Learning: LTL380H5, 417H5, 456H5, 486H5, 488H5; FRE325H5, 345H5, 352H5, 353H5, **355H5** **NOTE: No more than 1.0 FRE credits taught in English (such as FRE342H5, FRE388H5, FRE454H5) can be counted towards a Major or Specialist program in French.**
 Third Year
 - FRE382H5 and **FRE383H5/FRE380H5/FRE442H5**
 - 3.0 credits to be completed in ONE area of concentration:
 (a) French Linguistics; (b) French Literary and Cultural Studies

Program #5 ERMAJ1443 Women and Gender Studies (Arts)

Rationale for change: Updating the list of electives.

Before: Higher Years
 - WGS200Y5
 - 2.0 WGS credits at the 300/400 level
 - 0.5 WGS credits at the 400 level
 - 3.5 credits from any WGS courses or the following list of electives:
 ANT211H5, ANT331H5, ANT335H5; CCT340H5; CLA319H5; DRE366H5; ENG269H5; ENG275H5; ENG307H5; FAH435H5; FRE391H5; GGR313H5; HIS308H5, HIS310H5, HIS314H5, HIS326Y5, HIS374H5, HIS386H5, HIS441H5, HIS454H5; JAL355H5; PHL243H5, PHL267H5, PHL367H5; POL368Y5; PSY317H5, PSY354H5; RLG314H5, RLG449H5, RLG462H5; SOC219H5, SOC275H5, SOC347H5, SOC352H5, SOC359H5, SOC362H5, SOC380H5, SOC413H5, SOC425H5.

After:

Higher Years

- WGS200Y5
- 2.0 WGS credits at the 300/400 level
- 0.5 WGS credits at the 400 level
- 3.5 credits from any WGS courses or the following list of electives:

ANT211H5, ANT331H5, ANT335H5; CCT340H5; **CIN408H5**; CLA319H5; DRE366H5; ENG269H5; ENG275H5; ENG307H5; FAH435H5; FRE391H5; GGR313H5; HIS308H5, HIS310H5, HIS314H5, HIS326Y5, HIS374H5, HIS386H5, HIS441H5, HIS454H5; **ITA392H5**; JAL355H5; PHL243H5, PHL267H5, PHL367H5; POL368Y5; PSY317H5, PSY354H5; RLG314H5, RLG449H5, RLG462H5; SOC219H5, SOC275H5, SOC347H5, SOC352H5, SOC359H5, SOC362H5, SOC380H5, SOC413H5, SOC425H5.

Program #6 ERMAJ1645 English (Arts)

Rationale for change:

New courses that meet those requirements have been added to relevant areas.

Before:

At least 7.0 ENG credits, including at least 2.0 credits at the 300 or 400 level. Only 1.0 ENG course at the 100 level may be counted towards program requirements, and no more than 1.0 credit may be counted towards program requirements from the following courses: ENG234H5, ENG235H5, ENG236H5, ENG237H5, ENG238H5, ENG239H5, ENG276H5, ENG277H5, ENG279H5, ENG289H5, ENG291H5, ENG373H5, ENG374H5. ENG100H5 may not be counted towards program requirements. The major also requires the following courses:

- ENG280H5 (0.5 credits) Critical Approaches to Literature
- ENG202H5 and ENG203H5, British Literature survey parts I and II (0.5 credits each)
- 3 credits distributed among the following areas, as follows:
 - At least 0.5 credits in Literary Theory/Methods: ENG101H5, ENG201Y5, ENG205H5, ENG206H5, ENG259H5, ENG269H5, ENG275H5, ENG372H5, ENG380H5, ENG382H5, ENG384H5, ENG414H5, ENG415H5, ENG416H5.
 - At least 0.5 credits in Race, Ethnicity, Diaspora, Indigeneity: ENG271H5, ENG272H5, ENG273H5, ENG274H5, ENG326H5, ENG343H5, ENG370H5, ENG371H5, ENG426H5, ENG434H5.
 - At least 0.5 credits in Literature pre-1700: ENG220Y5, ENG300Y5, ENG301H5, ENG303H5, ENG304H5, ENG307H5, ENG311H5, ENG312H5, ENG313H5, ENG320H5, ENG321H5, ENG326H5, ENG330H5, ENG331H5, ENG335H5, ENG336H5, ENG460H5, ENG461H5, ENG462H5.
 - At least 0.5 credits in Canadian Literature: ENG215H5, ENG252Y5, ENG352H5, ENG353Y5, ENG354Y5, ENG357H5, ENG358H5, ENG424H5, ENG425H5.
 - At least 0.5 credits in American Literature: ENG250Y5, ENG360H5, ENG363Y5, ENG364Y5, ENG365H5, ENG366H5, ENG435H5, ENG436H5.

After:

At least 7.0 ENG credits, including at least 2.0 credits at the 300 or 400 level. Only 1.0 ENG course at the 100 level may be counted towards program requirements, and no more than 1.0 credit may be counted towards program requirements from the following courses: ENG234H5, ENG235H5, ENG236H5, ENG237H5, ENG238H5, ENG239H5, ENG276H5, ENG277H5, ENG279H5, ENG289H5, ENG291H5, ENG373H5, ENG374H5. ENG100H5 may not be counted towards program requirements. The major also requires the following courses:

- ENG280H5 (0.5 credits) Critical Approaches to Literature
- ENG202H5 and ENG203H5, British Literature survey parts I and II (0.5 credits each)
- 3 credits distributed among the following areas, as follows:
 - At least 0.5 credits in Literary Theory/Methods: ENG101H5, ENG201Y5, ENG205H5, ENG206H5, ENG259H5, ENG269H5, ENG275H5, ENG372H5, ENG380H5, ENG382H5, ENG384H5, **ENG396H5**, ENG414H5, ENG415H5, ENG416H5.
 - At least 0.5 credits in Race, Ethnicity, Diaspora, Indigeneity: ENG271H5, ENG272H5, ENG273H5, ENG274H5, ENG326H5, ENG343H5, ENG370H5, ENG371H5, ENG426H5, ENG434H5.
 - At least 0.5 credits in Literature pre-1700: ENG220Y5, **ENG222H5**, ENG300Y5, ENG301H5, ENG303H5, ENG304H5, ENG307H5, ENG311H5, ENG312H5, ENG313H5, ENG320H5, ENG321H5, ENG326H5, **ENG327H5**, ENG330H5, ENG331H5, ENG335H5, ENG336H5, ENG460H5, ENG461H5, ENG462H5.
 - At least 0.5 credits in **Literature 1700-1900: ENG305H5, ENG306Y5, ENG308Y5, ENG314H5, ENG315H5, ENG322Y5, ENG323H5, ENG324Y5, ENG325H5, ENG337H5, ENG345H5, ENG463H5, ENG383H5, ENG385H5, ENG386H5, ENG387H5, ENG395H5, ENG470H5, ENG471H5.**
 - **At least 0.5 credits in** Canadian Literature: ENG215H5, ENG252Y5, **ENG255H5**, ENG352H5, ENG353Y5, ENG354Y5, ENG357H5, ENG358H5, **ENG392H5, ENG393H5**, ENG424H5, ENG425H5.
 - At least 0.5 credits in American Literature: ENG250Y5, **ENG251H5**, ENG360H5, ENG363Y5, ENG364Y5, ENG365H5, ENG366H5, **ENG394H5, ENG395H5**, ENG435H5, ENG436H5.

Program #7 ERMAJ1850 Linguistic Studies (Arts)

Rationale for change:

3b: We have deleted LIN 322, as the course does not exist anymore, and added LIN327, LIN329, LIN421, three other upper year Phonetics and Phonology courses offered by the program. LIN327 is a course proposed for this round of curriculum changes. 3c: We have updated the course number to LIN332, formerly LIN331. 3f: We are adding LIN458, a new language variation course proposed in this round of curriculum changes. 3g: With the hiring of Professor Barend Beekhuizen as an expert in Computational Linguistics, with the ultimate goal of developing a specialist program in the area, it is important to add a Computational Linguistics category for courses students can pick from to fulfil their upper year requirement for the major. At this point, there is only one course to be listed, but we hope to have more in the coming years. 4: The addition of SAN392Y5 Intermediate Sanskrit to the list of possible upper-level courses that fulfil the program requirements will benefit the students by enhancing the program offerings (increasing the number of courses and range of topics from which they can choose). The course content and learning outcomes are squarely in line with the major program's aims, as it emphasizes a rigorous examination and description of the major aspects of the morpho-phonology, morpho-syntax, and semantics of Sanskrit from both eastern and western traditional approaches.

Before:

Upper Years

- Core requirement: LIN228H5, LIN229H5, LIN231H5/LIN237H5 (or LIN247H5), LIN232H5, LIN256H5/LIN288H5 (or LIN258H5).
 - Language requirement: 1.0 credit in a language course. This credit should involve the same language and must be taken either concurrently with LIN101H5 and LIN102H5 (or LIN100Y5) or after their completion. The language must be one other than the student's first language; English language courses are excluded.
 - Upper Year requirements: 1.5 credits from the following (choose ONE course from three of the following categories):
 - Method and analysis: LIN318H5 (or LIN368H5)/ LIN409H5/ LIN418H5 (LIN468H5)/ LIN411H5 (or LIN481H5)
 - Phonetics/Phonology: **LIN322H5/LIN328H5**
 - Syntax and Morphology: **LIN331H5/LIN476H5** (or LIN406H5)
 - Semantics/Pragmatics: LIN337H5/LIN338H5
 - Language teaching, learning, and acquisition: LIN385H5 (or LIN356H5)/ LIN380H5/ LIN487H5 (or LIN417H5)/ LIN456H5/ LIN454H5 (or LIN474H5)
 - Language variation, contact, and change: LIN360H5/ LIN366H5/ LIN369H5 (or **LIN376H5**)/ LIN460H5/ LIN466H5/ LIN469H5
 - The remaining 2.0 credits to be chosen from those courses not yet taken from the list above, or from the following list: ALL 300/400 level LIN/JAL courses, FRE454H5 (or FRE474H5), FRE489H5, ITA437Y5, ITA373H5, LTL488H5, PSY315H5, PSY374H5, PSY376H5, PHL350H5, PHL451H5, SAN392Y5, ANT362H5, ANT358H5.
- Students must have a minimum of 0.5 credits at the 400 level. No more than 1.0 credits outside of LIN/JAL offerings (**i.e. FRE, ITA**) can be used towards program requirements.

After:

Upper Years

- Core requirement: LIN228H5, LIN229H5, LIN231H5/LIN237H5 (or LIN247H5), LIN232H5, LIN256H5/LIN288H5 (or LIN258H5).
 - Language requirement: 1.0 credit in a language course. This credit should involve the same language and must be taken either concurrently with LIN101H5 and LIN102H5 (or LIN100Y5) or after their completion. The language must be one other than the student's first language; English language courses are excluded.
 - Upper Year requirements: 1.5 credits from the following (choose ONE course from three of the following categories):
 - Method and analysis: LIN318H5 (or LIN368H5)/ LIN409H5/ LIN418H5 (LIN468H5)/ LIN411H5 (or LIN481H5)
 - Phonetics/Phonology: **LIN327H5, LIN328H5, LIN329H5, LIN421H5**
 - Syntax and Morphology: **LIN332H5** (or **LIN331H5**)/**LIN476H5** (or LIN406H5)
 - Semantics/Pragmatics: LIN337H5/LIN338H5
 - Language teaching, learning, and acquisition: LIN385H5 (or LIN356H5)/ LIN380H5/ LIN487H5 (or LIN417H5)/ LIN456H5/ LIN454H5 (or LIN474H5)
 - Language variation, contact, and change: LIN360H5/ LIN366H5/ LIN369H5 (or **LIN376H5**)/**LIN458H5**/ LIN460H5/ LIN466H5/ LIN469H5
 - **Computational Linguistics: LIN340H5**
 - The remaining 2.0 credits to be chosen from those courses not yet taken from the list above, or from the following list: ALL 300/400 level LIN/JAL courses, FRE454H5 (or FRE474H5), FRE489H5, ITA437Y5, ITA373H5, LTL488H5, PSY315H5, PSY374H5, PSY376H5, PHL350H5, PHL451H5, SAN392Y5, ANT362H5, ANT358H5.
- Students must have a minimum of 0.5 credits at the 400 level. No more than 1.0 credits outside of LIN/JAL offerings (**excluding language courses in requirement 2**) can be used towards

program requirements.

Program #8 ERMAJ2524 Italian (Arts)

Rationale for change: Update program requirements to account for changes to course categories. Remove the requirement of having written work done in Italian for **all** courses to allow students with varied previous background knowledge to pursue this program. Students would still need to complete written work in Italian for upper level courses but only once they've completed all the grammar courses.

Before: 8.0 credits are required including at least 2.0 300/400 level credits. ~~Written work will be done in Italian in all courses.~~

- ~~ITA100Y5/101Y5. Students exempted from this course may replace it with a higher level 1.0 credit in ITA.~~
- ~~ITA200Y5/ITA201Y5~~
- ITA350Y5
- ITA420Y5
- ITA437Y5
- 1.0 additional ~~credits~~ in Italian Cinema.
- 1.0 additional ~~credits~~ in Italian ~~Culture, Communication, and Experiential Education and/or Italian Language Teaching~~ (excluding those listed above).
- 1.0 additional ~~credits~~ Italian ~~Literature~~ (excluding those listed above).

After: 8.0 credits are required including at least 2.0 300/400 level credits.

- ITA100Y5 or ITA101Y5
- ITA200Y5 or ITA201Y5
- ITA350Y5
- ITA420Y5
- ITA437Y5
- 1.0 additional credit in Italian Cinema.
- 1.0 additional credit in Italian Culture; Literature (excluding those listed above).
- 1.0 additional credit in any of the Italian course categories (excluding those listed above).

Program #9 ERMIN0506 Linguistic Studies (Arts)

Rationale for change: Redundancy in wording

Before:

Upper Years The remaining courses to be chosen from the following list:

- Minimum 1.0 credit from the following list: LIN228H5, LIN229H5, LIN231H5, LIN232H5, LIN237H5 (or LIN247H5), LIN256H5, LIN288H5 (or LIN258H5).
- Minimum 1.0 credit from the following list: **1.0 credit from** any 300 and 400 level LIN or JAL courses.
- 1.0 credit from any remaining courses listed in (1) or (2) or from the following list: FRE454H5 (or FRE474H5), FRE489H5, ITA373H5, ITA437Y5, SAN392Y5.

Note:

Some of the courses listed above have prerequisites which would not count towards this program.

After:

Upper Years The remaining courses to be chosen from the following list:

- Minimum 1.0 credit from the following list: LIN228H5, LIN229H5, LIN231H5, LIN232H5, LIN237H5 (or LIN247H5), LIN256H5, LIN288H5 (or LIN258H5).
- Minimum 1.0 credit from the following list: any 300 and 400 level LIN or JAL courses.
- 1.0 credit from any remaining courses listed in (1) or (2) or from the following list: FRE454H5 (or FRE474H5), FRE489H5, ITA373H5, ITA437Y5, SAN392Y5.

Note:

Some of the courses listed above have prerequisites which would not count towards this program.

Program #10 ERMIN0605 Education Studies

Rationale for change: Include new courses.

Before:

Third and Fourth Years

- EDS300H5, EDS310H5

- 0.5 or 1.0 credits in experiential learning (for example, EDS388H5, EDS377H5) or internship courses in other subject areas as approved by the Education Studies Program Coordinator.

- 0.5 or 1.0 remaining credits from the following: FRE225Y5, 325H5, 345H5, 352H5, 353H5, 355H5, 382H5, 383H5; LIN358H5, 417H5, 456H5; LTL227H5, 380H5, 417H5, 456H5, 486H5, 488H5; MAT382H5, 392H5; PHL272H5; PSY310H5, 311H5, 312H5, 313H5, 315H5, 341H5, 345H5, 410H5, 442Y5; SOC224H5, 480Y5; or additional appropriate courses as approved by the Education Studies Minor Coordinator.

After:

Third and Fourth Years

- EDS300H5, EDS310H5

- 0.5 or 1.0 credits in experiential learning (for example, EDS388H5, EDS377H5) or internship courses in other subject areas as approved by the Education Studies Program Coordinator.

- 0.5 or 1.0 remaining credits from the following: **EDS250H, 345H5, 345H5**; FRE225Y5, 325H5, 345H5, 352H5, 353H5, 355H5, 382H5, 383H5; LIN358H5, 417H5, 456H5; LTL227H5, 380H5, 417H5, 456H5, 486H5, 488H5; MAT382H5, 392H5; PHL272H5; PSY310H5, 311H5, 312H5, 313H5, 315H5, 341H5, 345H5, 410H5, 442Y5; SOC224H5, 480Y5; or additional appropriate courses as approved by the Education Studies Minor Coordinator.

Program #11 ERMIN1000 Functional French (Arts)

Rationale for change: The new description reflects program content more accurately.

Before: For students seeking a level of linguistic competence with a view to using the French language in professional Francophone environments.

After: For students seeking a level of linguistic **and cultural** competence with a view to using the French language in professional Francophone environments.

Program #12 ERMIN1333 South Asian Civilizations (Arts)

Rationale for change: Updating the list of electives.

Before:

Higher Years

- 1.0 credit from the following list of courses: DTS201H5, HIN212Y5, HIS282H5, PRS210Y5, RLG204H5, RLG205H5, RLG206H5, RLG207H5, RLG208H5; SAN291Y5

- 3.0 credits from the following list of courses:

Group A: Core Courses

ANT310H5, ANT316H5, ANT320H5; CIN302H5; DTS201H5; FAH281H5, FAH385H5, FAH395H5, FAH495H5; GGR367H5; HIN212Y5, HIN311H5, HIN312Y5, HIN411H5, HIN412Y5; HIS282H5, HIS382H5, HIS386H5, HIS394H5, HIS484H5; POL303Y5, POL304Y5, POL446H5; PRS210Y5, PRS310Y5; RLG204H5, RLG205H5, RLG206H5, RLG207H5, RLG208H5, RLG304H5, RLG307H5, RLG308H5, RLG310H5, RLG347H5, RLG348H5, RLG356H5, RLG360H5, RLG371H5, RLG373H5, RLG374H5, RLG449H5, RLG460H5; SAN291Y5, SAN392Y5; URD212Y5; **VCC306H5**, VCC360H5, VCC406H5.

Group B: Secondary Courses

In consultation with the Academic Counsellor of the Department for Historical Studies and depending on the focus of the course, the following courses may qualify on a year-to-year basis: ARA211Y5, ARA212Y5, ARA312Y5, ARA412Y5; CIN215H5; FAH465H5; HIS366H5, HIS493H5; RLG305H5, RLG370H5, RLG450H5, RLG451Y5, RLG452H5, RLG470H5; SOC354H5, SOC375H5; WGS335H5, WGS368H5; VCC306H5, VCC406H5.

Note: Students are responsible for checking the co- and prerequisites for all courses.

After:

Higher Years

- 1.0 credit from the following list of courses: DTS201H5, HIN212Y5, HIS282H5, PRS210Y5, RLG204H5, RLG205H5, RLG206H5, RLG207H5, RLG208H5; SAN291Y5

- 3.0 credits from the following list of courses:

Group A: Core Courses

ANT310H5, ANT316H5, ANT320H5; CIN302H5; DTS201H5; FAH281H5, FAH385H5, FAH395H5,

FAH495H5; GGR367H5; HIN212Y5, **HIS211H5, HIS212H5**, HIN311H5, HIN312Y5, HIN411H5, HIN412Y5; HIS282H5, HIS382H5, HIS386H5, HIS394H5, HIS484H5; POL303Y5, POL304Y5, POL446H5; PRS210Y5, PRS310Y5; RLG204H5, RLG205H5, RLG206H5, RLG207H5, RLG208H5, RLG304H5, RLG307H5, RLG308H5, RLG310H5, RLG347H5, RLG348H5, RLG356H5, RLG360H5, RLG371H5, RLG373H5, RLG374H5, RLG449H5, RLG460H5; SAN291Y5, SAN392Y5; URD212Y5;
URD312Y5;VCC306H5, VCC360H5, VCC406H5.

Group B: Secondary Courses

In consultation with the Academic Counsellor of the Department for Historical Studies and depending on the focus of the course, the following courses may qualify on a year-to-year basis: ARA211Y5, ARA212Y5, ARA312Y5, ARA412Y5; CIN215H5; **FAH282H5**; FAH465H5; HIS366H5, HIS493H5; RLG305H5, RLG370H5, RLG450H5, RLG451Y5, RLG452H5, RLG470H5; SOC354H5, SOC375H5; WGS335H5, WGS368H5; VCC306H5, VCC406H5.

Note: Students are responsible for checking the co- and prerequisites for all courses.

Program #13 ERMIN1370 Philosophy of Science (Arts)

Rationale for change: Added PHL204H5 as a course not eligible for the minor. Corrected the course codes for the 100 level PHL courses. Removed the "Year Name" lines, and rewrote the content to make it easier to understand.

Before: 4.0 credits are required including at least 1.0 at the 300/400 ~~level.~~
~~First Year PHL101H5 or PHL102H5 or PHL105Y5~~
~~First or Second Year 1.5, normally at the 100- or 200-level, from AST, BIO, ERS, CHM, PSY, PHY.~~

NOTE: ~~Courses intended as science courses for students in the Humanities and Social Sciences cannot be counted towards this requirement.~~

~~Third or Fourth Year At least two of the following courses: PHL255H5, 350H5, 355H5, 357H5, 358H5 (including at least one of PHL255H5, 355H5)~~

After: 4.0 credits (not including PHL204H5) are required including at least 1.0 at the 300/400 level.
: At least one of PHL103H5 or PHL113H5
: At least one of PHL255H5 or PHL355H5
: At least one of PHL350H5 or PHL357H5 or PHL358H5
: 1.5 credits in AST, BIO, ERS, CHM, PSY, PHY
: 1.0 credits in any other PHL course, with exception to PHL204H5

Program #14 ERMIN1443 Women and Gender Studies (Arts)

Rationale for change: Updating the list of electives.

Before:

Higher Years

- WGS200Y5

- 1.0 WGS credits at the 300/400 level

- 2.0 credits from WGS courses or from the following list of electives:

ANT211H5, ANT331H5, ANT335H5; **CCT340H5**, CLA319H5; **ENG273H5**; ENG275H5;

ENG307H5; FAH435H5; FRE391H5; GGR313H5; HIS308H5, HIS310H5, HIS314H5, HIS326Y5,

HIS374H5, HIS386H5, HIS441H5, HIS454H5; JAL355H5; PHL243H5, PHL267H5, PHL367H5; POL368Y5;

PSY311H5, PSY354H5; RLG314H5, RLG449H5, RLG462H5; **SOC216H5, SOC263H5**,

SOC275H5, **SOC332H5**, SOC359H5, SOC362H5, SOC380H5, SOC413H5, **SOC425H5**;

VCC304H5.

After:

Higher Years

- WGS200Y5

- 1.0 WGS credits at the 300/400 level

- 2.0 credits from WGS courses or from the following list of electives:

ANT211H5, ANT331H5, ANT335H5; **CCT340H5; CIN408H5;** CLA319H5; **DRE366H5; ENG269H5;** ENG275H5; ENG307H5; FAH435H5; FRE391H5; GGR313H5; HIS308H5, HIS310H5, HIS314H5, HIS326Y5, HIS374H5, HIS386H5, HIS441H5, HIS454H5; **ITA392H5;** JAL355H5; PHL243H5, PHL267H5, PHL367H5; POL368Y5; **PSY317H5,** PSY354H5; RLG314H5, RLG449H5, RLG462H5; **SOC219H5,** SOC275H5, **SOC347H5, SOC352H5,** SOC359H5, SOC362H5, SOC380H5, SOC413H5, **SOC425H5.**

Program #15 ERMIN2524 Italian (Arts)

Rationale for change: Remove the requirement of having written work done in Italian for **all** courses to allow students with varied previous background knowledge to pursue this program. Students would still need to complete written work in Italian for upper level courses but only once they've completed all the grammar courses.

Before: 4.0 ITA credits are required including at least 1.0 300/400 level **credit. Written work will be done in Italian in all courses.**

- ITA100Y5 or ITA101Y5
- ITA200Y5 or ITA201Y5
- 2.0 additional credits in any of the Italian course categories.

After: 4.0 ITA credits are required including at least 1.0 300/400 level **credit.**

- ITA100Y5 or ITA101Y5
 - ITA200Y5 or ITA201Y5
 - 2.0 additional credits in any of the Italian course categories.
-

Program #16 ERSPE0231 Philosophy (Arts)

Rationale for change: Editing the correct course codes for 100 level PHL courses and corrected course code PHL375 to PHL376H5. Removed PHL105Y5 and PHL277Y5 as we no longer offer them. Changed PHL202H5 to PHL200H5, PHL313H5 to PHL310H5 and PHL416H5 to PHL410H5 (new reflect new course codes).

Before: The program must include:
- at least 3.5 credits in the History of Philosophy: ~~PHL202H5,~~ 210Y5 and 2.0 additional credits from PHL220H5, 300H5, 307H5, ~~313H5,~~ 314H5, 315H5, 324H5, 325H5, 327H5, 400H5, ~~416H5,~~ 420H5;
- at least 1.0 credit in Logic and Philosophy of Language: PHL245H5 and 0.5 additional credit from PHL246H5, 340H5, 345H5, 346H5, 347H5, 348H5, 350H5, 451H5
- at least 1.5 credits in Metaphysics and Epistemology: from PHL332H5, 333H5, 341H5, 342H5, 355H5, 358H5, 360H5, 430H5
- at least 1.5 credits in Ethics and Political Philosophy: ~~PHL277Y5 or~~ PHL265H5 and PHL275H5 and 0.5 additional credit from PHL365H5, 370H5, ~~375H5,~~ 475H5. **It is strongly recommended that students begin their study of Philosophy with PHL101H5 or PHL102H5 or PHL106Y5, and that students planning to enrol in the Specialist Program in Philosophy complete PHL202H5, 210Y5, 245H5, and 277Y5 or PHL265H5 and PHL275H5 by the end of their second year.** It is recommended that all students discuss their course selection requirements with the Undergraduate Advisor.

After: The program must include:
- at least 3.5 credits in the History of Philosophy: PHL200H5, 210Y5 and 2.0 additional credits from PHL220H5, 300H5, 307H5, 310H5, 314H5, 315H5, 324H5, 325H5, 327H5, 400H5, 410H5, 420H5;
- at least 1.0 credit in Logic and Philosophy of Language: PHL245H5 and 0.5 additional credit from PHL246H5, 340H5, 345H5, 346H5, 347H5, 348H5, 350H5, 451H5
- at least 1.5 credits in Metaphysics and Epistemology: from PHL332H5, 333H5, 341H5, 342H5, 355H5, 358H5, 360H5, 430H5
- at least 1.5 credits in Ethics and Political Philosophy: PHL265H5 and PHL275H5 and 0.5 additional credit from PHL365H5, 370H5, 376H5, 475H5. It is recommended that all students discuss their course selection requirements with the Undergraduate Advisor.

Program #17 ERSPE1092 Language Teaching and Learning: French and Italian (Arts)

Rationale for change: The revised description of the strand better reflects the nature of the courses it contains.

Before: 7.0 credits are required. All written work will be done in Italian in all courses.

- ITA200Y5 or ITA201Y5

- ITA350Y5
- ITA437Y5
- 2.0 additional credits in Italian Language Teaching.
- 2.0 additional credits in any of the other Italian course categories (excluding those listed above).

After: 7.0 credits are required. All written work will be done in Italian in all courses.

- ITA200Y5 or ITA201Y5
- ITA350Y5
- ITA437Y5
- 2.0 additional credits in Italian **Linguistics**; Language Teaching.
- 2.0 additional credits in any of the other Italian course categories (excluding those listed above).

Program #18 ERSPE1384 International Affairs (Arts)

Rationale for change: Change due to: MAT135Y5/(MAT135H5,MAT136H5),MAT134Y5/(MAT132H5,MAT134H5) Error correction: "POL375H5" removed because this was actually a typing error from a previous session when an ECO course, ECO327Y5, was replaced with ECO375H5. Clarification on requirement D "list of credits" by reordering and changing "/" to "," to indicate a list of options because some are half-credit courses.

Before: Limited Enrolment: Enrolment in this program is limited to students who have 63% in ECO100Y5; 1.0 introductory language credit, a CGPA of ~~2.0 and MAT133Y5 (63%) /MAT134Y5/ MAT135Y5/ MAT137Y5.A.~~ 7.0 credits are required from the following list: ECO100Y5; ~~MAT133Y5/134Y5/135Y5;~~ ECO200Y5/204Y5/206Y5, ~~202Y5,208Y5/209Y5,220Y5/227Y5,364H5,365H5;~~ POL208Y5 B. 4.0 language credits in the same discipline. C. 3.0 credits from: ~~ENV311H5,GGR325H5,333H5,365H5;HIS311Y5/HIS311H5; POL302Y5,327Y5/375H5,340Y5,343Y5,475H5~~ D. 1.0 credit from: ~~ECO400Y5,406H5,411H5,412Y5,433H5,435H5,436H5,439Y5,456H5,460H5,461H5,463H5;~~ a 400-level language ~~course. The following 400-level St. George courses will also fulfill this requirement: ECO419H1, 459H1; POL454Y1~~ or a 400-level course from a cognate discipline approved by the ~~faculty advisor~~. Eligible Language components available at U of T Mississauga: French: FSL205Y5, FSL305Y5, FSL405H5, FSL406H5, FSL466H. NOTE: Students exempted from lower level courses may replace them with a higher level language courses in FRE (FRE283H5, FRE382H5, FRE383H5) German: GER100Y5, 200Y5, 300Y5, 330H5, 370H5 (300/400 level German courses not always available at UTM.) Italian: ITA100Y5, 200Y5, 231H5, 232H5, 315Y5, 350Y5, 371Y5, 413Y5, 437Y5, 420Y5 Spanish: SPA100Y5, 220Y5, 259H5, 320Y5, 323H5 Chinese: CHI100Y5, 200Y5 (or CHI201Y5/(CHI201H5,CHI202H5)), 301Y5, 310H5, 311H5, 408H5 Note: Other languages can be considered with the approval of the Department. Students without pre- and co-requisites or written permission of the instructor can be deregistered from courses at any time.

After: Limited Enrolment: Enrolment in this program is limited to students who have 63% in ECO100Y5; 1.0 introductory language credit, MAT133Y5 (63%)/ MAT134Y5/(MAT132H5,MAT134H5)/ MAT135Y5/(MAT135H5,MAT136H5)/ MAT137Y5. and a CGPA of 2.00.A. 7.0 credits are required from the following list: ECO100Y5; MAT133Y5/MAT134Y5/(MAT132H5,MAT134H5)/135Y5/(MAT135H5,MAT136H5); ECO200Y5/204Y5/206Y5, ECO202Y5/208Y5/209Y5, ECO220Y5/227Y5, ECO364H5, ECO365H5; POL208Y5 B. 4.0 language credits in the same discipline. C. 3.0 credits from: ENV311H5,GGR325H5, GGR333H5, GGR365H5; HIS311Y5/HIS311H5; POL302Y5, POL327Y5, POL340Y5, POL343Y5, POL475H5 D. 1.0 credit from: ECO400Y5,406H5,411H5,412Y5,433H5,435H5,436H5,439Y5,456H5,460H5,461H5,463H5, ECO419H1,459H1, POL454Y1, a 400-level language course; or a 400-level course from a cognate discipline approved by the Faculty Advisor. Eligible Language components available at U of T Mississauga: French: FSL205Y5, FSL305Y5, FSL405H5, FSL406H5, FSL466H. NOTE: Students exempted from lower level courses may replace them with a higher level language courses in FRE (FRE283H5, FRE382H5, FRE383H5) German: GER100Y5, 200Y5, 300Y5, 330H5, 370H5 (300/400 level German courses not always available at UTM.) Italian: ITA100Y5, 200Y5, 231H5, 232H5, 315Y5, 350Y5, 371Y5, 413Y5, 437Y5, 420Y5 Spanish: SPA100Y5, 220Y5, 259H5, 320Y5, 323H5 Chinese: CHI100Y5, 200Y5 (or CHI201Y5/(CHI201H5,CHI202H5)), 301Y5, 310H5, 311H5, 408H5 Note: Other languages can be considered with the approval of the Department. Students without pre- and co-requisites or written permission of the instructor can be deregistered from courses at any time.

Program #19 ERSPE1645 English (Arts)

Rationale for change: We have added several new courses that meet our distribution requirement to the calendar: they need to be listed here.

Before: At least 10.0 ENG credits, including at least 3.0 credits at the 300 level and 1.0 credit at the 400 level. Only 1.0 credit at the 100 level may be counted towards program requirements, and no more than 1.0 credit may be counted towards program requirements from the following courses: ENG234H5, ENG235H5,

ENG236H5, ENG237H5, ENG238H5, ENG239H5, ENG276H5, ENG277H5, ENG279H5, ENG289H5, ENG291H5, ENG373H5, ENG374H5. ENG100H5 may not be counted towards program requirements. The specialist also requires the following courses:

- ENG280H5 (0.5 credits) Critical Approaches to Literature
- ENG202H5 and ENG203H5, British Literature survey parts I and II (0.5 credits each)
- 6 credits distributed among the following areas, as follows:
 - At least 1 credit in Literary Theory/Methods: ENG101H5, ENG201Y5, ENG205H5, ENG206H5, ENG259H5, ENG269H5, ENG275H5, ENG372H5, ENG380H5, ENG382H5, ENG384H5, ENG414H5, ENG415H5, ENG416H5.
 - At least 1 credit in Race, Ethnicity, Diaspora, Indigeneity: ENG271H5, ENG272H5, ENG273H5, ENG274H5, ENG326H5, ENG343H5, ENG370H5, ENG371H5, ENG426H5, ENG434H5.
 - At least 1.5 credits in Literature pre-1700: ENG220Y5, ENG300Y5, ENG301H5, ENG303H5, ENG304H5, ENG307H5, ENG311H5, ENG312H5, ENG313H5, ENG320H5, ENG321H5, ENG326H5, ENG330H5, ENG331H5, ENG335H5, ENG336H5, ENG460H5, ENG461H5, ENG462H5.
 - At least 1.5 credits in Literature 1700-1900: ENG305H5, ENG306Y5, ENG308Y5, ENG314H5, ENG315H5, ENG322Y5, ENG323H5, ENG324Y5, ENG325H5, ENG337H5, ENG345H5, ENG463H5, ENG470H5, ENG471H5.
 - At least 0.5 credits in Canadian Literature: ENG215H5, ENG252Y5, ENG352H5, ENG353Y5, ENG354Y5, ENG357H5, ENG358H5, ENG424H5, ENG425H5.
 - At least 0.5 credits in American Literature: ENG250Y5, ENG360H5, ENG363Y5, ENG364Y5, ENG365H5, ENG366H5, ENG435H5, ENG436H5.

After:

At least 10.0 ENG credits, including at least 3.0 credits at the 300 level and 1.0 credit at the 400 level. Only 1.0 credit at the 100 level may be counted towards program requirements, and no more than 1.0 credit may be counted towards program requirements from the following courses: ENG234H5, ENG235H5, ENG236H5, ENG237H5, ENG238H5, ENG239H5, ENG276H5, ENG277H5, ENG279H5, ENG289H5, ENG291H5, ENG373H5, ENG374H5. ENG100H5 may not be counted towards program requirements. The specialist also requires the following courses:

- ENG280H5 (0.5 credits) Critical Approaches to Literature
- ENG202H5 and ENG203H5, British Literature survey parts I and II (0.5 credits each)
- 6 credits distributed among the following areas, as follows:
 - At least 1 credit in Literary Theory/Methods: ENG101H5, ENG201Y5, ENG205H5, ENG206H5, ENG259H5, ENG269H5, ENG275H5, ENG372H5, ENG380H5, ENG382H5, ENG384H5, **ENG396H5**, ENG414H5, ENG415H5, ENG416H5.
 - At least 1 credit in Race, Ethnicity, Diaspora, Indigeneity: ENG271H5, ENG272H5, ENG273H5, ENG274H5, ENG326H5, ENG343H5, ENG370H5, ENG371H5, ENG426H5, ENG434H5.
 - At least 1.5 credits in Literature pre-1700: ENG220Y5, **ENG222H5**, ENG300Y5, ENG301H5, ENG303H5, ENG304H5, ENG307H5, ENG311H5, ENG312H5, ENG313H5, ENG320H5, ENG321H5, ENG326H5, **ENG327H5**, ENG330H5, ENG331H5, ENG335H5, ENG336H5, ENG460H5, ENG461H5, ENG462H5.
 - At least 1.5 credits in Literature 1700-1900: ENG305H5, ENG306Y5, ENG308Y5, ENG314H5, ENG315H5, ENG322Y5, ENG323H5, ENG324Y5, ENG325H5, ENG337H5, ENG345H5, ENG463H5, **ENG383H5, ENG385H5, ENG386H5, ENG387H5, ENG395H5**, ENG470H5, ENG471H5.
 - At least 0.5 credits in Canadian Literature: ENG215H5, ENG252Y5, **ENG255H5**, ENG352H5, ENG353Y5, ENG354Y5, ENG357H5, ENG358H5, **ENG392H5, ENG393H5**, ENG424H5, ENG425H5.
 - At least 0.5 credits in American Literature: ENG250Y5, **ENG251H5**, ENG360H5, ENG363Y5, ENG364Y5, ENG365H5, ENG366H5, **ENG394H5, ENG395H5**, ENG435H5, ENG436H5.

Program #20 ERSPE2524 Italian (Arts)

Rationale for change: Clarify program requirements to account for changes in the course categories. Remove the requirement of having written work done in Italian for **all** courses to allow students with varied previous background knowledge to pursue this program. Students would still need to complete written work in Italian for upper level courses but only once they've completed all the grammar courses.

Before: 10.0 credits are required including at least 3.0 300/400 level full courses and 1.0 400 level credit.

~~class="underline">Written work will be done in Italian in all courses.~~

- ~~ITA100Y5. Students exempted from this course may replace it with a higher level 1.0 credit in ITA.~~
- ITA200Y5 or ITA201Y5
- ITA350Y5

- ITA420Y5
- ITA437Y5
- ~~2.0~~ credits in Italian Cinema.
- 1.0 additional ~~credits~~ in Italian ~~Culture, Communication, and~~ Experiential ~~Education and/or~~ Italian ~~Language~~ Teaching (excluding those listed above).
- ~~2.0~~ additional ~~credits~~ in Italian ~~Literature~~ (excluding those listed above).

After:

10.0 credits are required including at least 3.0 300/400 level full courses and 1.0 400 level credit.

- ITA100Y5 or ITA101Y5
 - ITA200Y5 or ITA201Y5
 - ITA350Y5
 - ITA420Y5
 - ITA437Y5
 - 1.5 credits in Italian Cinema.
 - 1.0 additional credit in Italian Culture; Literature (excluding those listed above).
 - 1.0 additional credit in Italian Experiential Learning.
 - 0.5 additional credit in Italian Linguistics; Teaching and Learning (excluding those listed above).
 - 1.0 additional credit in any of the Italian course categories (excluding those listed above).
-

New Courses

Course #1 ARA210H5 Arab Culture I (HUM)

Description: This course introduces the Arab culture in general terms and familiarizes students with some fundamental realities of the Arab world (e.g. family, gender roles, social etiquette, etc.) with a general introduction to values and religious practices. **The course is taught in English.** [36L]

Rationale: The present Arabic curriculum includes language courses from the lower to the higher level and two newly-added literature courses. There is currently no culture course. The proposed half-course fills this gap in the ARA curriculum. It provides students with a well-rounded perspective on Arab culture. Furthermore, the current political developments in the Middle East and the Arab world, and the impact of these developments on the rest of the world, have motivated many educational institutions (particularly in the West) to give overdue academic attention to Arab culture in an attempt to understand it properly and comprehend the local perspectives of the Arab people. It is a desirable asset in today's world, and even more so at UTM where cultural and ethnic diversity is a major distinctive strength. Arab culture courses (delivered in English) could provide useful academic exposition and cultural training to students from various disciplines (e.g. Political Science, Sociology, Literature, Business and Management, etc.) and opportunities to learn about the culture of the people living in different parts of the world (in the Middle East, Africa etc.). The fact that this course will be taught in English will open it up to a large number of students who have no previous knowledge of the Arabic language. The course fills an important gap for students from various departments and is aligned with the mission of the University of Toronto, in general, and the Department of Language Studies, in particular.

No. Hours

Instruction:

Offered at St George: No

Revived Course: No

Course #2 CIN102H5 Modernity and the Moving Image (HUM)

Description: Looking at a few periods of intense technological change—for example, with the invention of photography, and the introduction of sound, of colour, of television—we will consider the ways in which artists, filmmakers, studios, and media conglomerates have responded to such changes and to accompanying ideas about the role that moving technology plays in our conception of history and the future.

Prerequisite: CIN101H5

Rationale: New required course for Cinema Studies Major.

No. Hours Instruction: 24L, 12T, 36P

Offered at St George: No

Revived Course: No

Course #3 CIN207H5 East Asian Cinema (HUM)

Description: This course is an introduction to East Asian cinema from the 1960s to the present, including films from Hong Kong, Taiwan, China, Japan, and Korea. With an emphasis on formal aesthetic analysis of short and feature-length films, we will examine film waves, genres, film festivals, and interconnected film industries. Throughout the course, we will consider not only the production, exhibition, and reception spaces of East Asian cinema but also critically examine its definitions and borders.

Recommended Preparation: CIN101H5

Rationale: Hiring of new CIN faculty member in this area of study. Also, augmentation of course offerings for the proposed New Cinema Major and the Chinese Language and Culture Minor offered by Language Studies.

No. Hours Instruction: 24L, 12T, 36P

Offered at St George: No

Revived Course: No

Course #4 CIN208H5 The Films of Abbas Kiarostami: Being and Movement (HUM)

Description:	This course will survey the work of the Iranian filmmaker, Abbas Kiarostami, and will do so with an especial interest in the way that Kiarostami's films raise important questions about tradition, judgment, and the fluidity of self and world.
Recommended Preparation:	CIN101H5
Rationale:	New course to expand range of auteur offerings and to augment course offerings for the new Cinema Studies Major.
No. Hours Instruction:	24L, 12T, 36P
Offered at St George:	No
Revived Course:	No

Course #5 CIN250H5 Introduction to the Fundamentals of Cinematic Language EXP (HUM,EXP)

Description:	This hands-on studio-based course will examine fundamentals of cinematic language and production. Students will work individually and in teams to create a series of works that focus on aesthetics and skill development.
Rationale:	The course is part of our new Cinema Major Program and will be taught by Sheridan Faculty.
No. Hours Instruction:	24P
Offered at St George:	No
Revived Course:	No

Course #6 CIN305H5 Taiwan New Wave in Our Time (HUM)

Description:	The film In Our Time (1982), which combined short works by four directors (Edward Yang, Jim Tao, Ke Yizheng, and Zhang Yi), is regarded as the beginning of Taiwan New Cinema, generally considered to have ended in the late 1980s. Figures such as Hou Hsiao Hsien, Wang Tung, Chu Tien-wen, Wu Nien-Jen, Hung Hung, Hsiao Yeh, Tsai Chin, and Sylvia Chang played key roles, as directors, screenwriters, producers, and/or actors. From examining films within the era to their impact on contemporary global cinema, this course asks: how may a film be transnationally and transgenerationally re-animated for shifting eras and constellations of viewers? This course speculates that the time of the Taiwan New Wave is still beckoning, even from beyond the contested shores of Taiwan.
Recommended Preparation:	CIN101H5 or at least 1.0 credit in courses that count towards Cinema Studies programs.
Rationale:	Hiring of new CIN faculty member in this area of study. Also, augmentation of course offerings for the proposed New Cinema Major.
No. Hours Instruction:	24L, 36P
Offered at St George:	No
Revived Course:	No

Course #7 CIN308H5 East and Southeast Asian Cinemas of Migration (HUM)

Description:	Migration, voluntary and involuntary, has intensified in an unprecedented manner in recent history. More than ever, it is critical to examine forms of proximity, hospitality, and regionality. Including films by migrants, films about the migrant experience, and the migratory routes of cinema itself, this course addresses the ethics, politics, and praxis of mobility and displacement. How, through East and Southeast Asian cinemas, could we envision counter-bodies and counter-strategies with which we may collectively imagine and inhabit the world?
Recommended Preparation:	CIN101H5 or at least 1.0 credit in courses that count towards Cinema Studies programs.
Rationale:	Hiring of new CIN faculty member in this area of study. Also, augmentation of course offerings for the proposed New Cinema Major. Course will be cross listed with Historical Studies.
No. Hours Instruction:	24S, 36P
Offered at St George:	No
Revived Course:	No

Course #8 CIN309H5 Colour and the Moving image (HUM)

Description:	Considering philosophical, scientific, and historical discourses about colour, this course explores a variety of ways of analyzing colour style in film and video art. As we begin to come to terms with the perceptual instability of colour as a positive phenomenon, we will consider how and why dominant histories of film style have been written, especially as the taming of colour has been central to an ongoing categorical distinction between narrative cinema and the avant-garde, morality and hedonism.
Exclusion:	CIN301H5 topics course "Colour".
Recommended Preparation:	CIN101H5 and at least 1.0 credit in courses that count towards Cinema Studies programs.
Rationale:	This has been taught as a topics course several times and will continue to be offered on a regular basis.
No. Hours Instruction:	24L, 24P
Offered at St George:	No
Revived Course:	No

Course #9 CIN310H5 Melodrama (HUM)

Description:	Film and Televisual melodramas regularly enact a conflict between personal desire and social expectation. This course will cover a range of films and television melodramas and consider the social contexts in which these works emerge, and often as critiques of the very cultures to which they belong or reject.
Exclusion:	CIN301H5 Topics course Melodrama.
Recommended Preparation:	CIN101H5 and at least 1.0 credit in courses that count towards Cinema Studies programs.
Rationale:	This has been taught as a topics course several times and will continue to be offered on a regular basis, so we re putting it on the books.
No. Hours Instruction:	24L, 36P
Offered at St George:	No
Revived Course:	No

Course #10 CIN350H5 Storytelling through Genre EXP (HUM,EXP)

Description:	This course is a continuation of skills and knowledge developed in Video 1 with a focus on genre-based narrative story telling. As part of this course students will be asked to create a series of short fiction based works using mise-en-scene, character, the edit and narrative devices.
Prerequisite:	CIN250H5
Rationale:	The course is part of our new Cinema Major Program and will be taught by Sheridan Faculty.
No. Hours Instruction:	24P
Offered at St George:	No
Revived Course:	No

Course #11 CIN403H5 Queerscapes, Screenscapes, Escapes: Gender and Sexuality Across East and Southeast Asian Cinemas (HUM)

Description:	"Queerness is not yet here." José Esteban Muñoz begins Cruising Utopia with the provocation that queerness is a mode of desire that allows for an escape from the conditions of the present. How does queer studies contribute to the building of and the continued hope for a more just world? Through cinema, theory, and philosophy, this course makes the claim that investigating queerness in the world marks a critical move away from restrictive modes of identification and holds open life's horizons of possibility. Course texts emphasize queer cinemas of Asia and their transnational connections.
Prerequisite:	CIN101H5 or at least 2.0 credits in courses that count towards Cinema Studies programs.
Rationale:	Hiring of new CIN faculty member in this area of study. Also, augmentation of course offerings for the proposed New Cinema Major. Course will be cross listed with Historical Studies.

No. Hours
Instruction: 24S, 36P
Offered at St
George: No
Revived Course: No

Course #12 CIN404H5 Film Noir and the Problem of Style (HUM)

Description: By way of an introduction to some of the key instances of film noir, this course is concerned with what we will call the paradox of style; namely, that style can indicate both what is specific and also what is general, what is unique and what is repeatable. We will look at the way in which this paradox is amplified by issues of gender, genre, fashion, and power that seem to concern so many films in this tradition.

Exclusion: CIN401H5 topics course "Film Noir and the Problem of Style".

Prerequisite: CIN101H5 or at least 2.0 credits in courses that count towards Cinema Studies programs.

Rationale: This course has been taught as a topics course and will continue to be offered on a regular basis.

No. Hours
Instruction: 24L, 36P
Offered at St
George: No
Revived Course: No

Course #13 CIN405H5 Cinema and Emotion (HUM)

Description: This interdisciplinary course looks at such difficult emotions as shame, jealousy, forgiveness, and love, and how film complicates our understanding of them.

Exclusion: CIN401H5 topic: Difficult Emotions, Moving Images

Prerequisite: CIN101H5 or at least 2.0 credits in courses that count towards Cinema Studies programs.

Rationale: Offering as topics course this year, we will be offering it going forward.

No. Hours
Instruction: 24S, 36P
Offered at St
George: No
Revived Course: No

Course #14 CIN450H5 Advanced Video Production EXP (HUM,EXP)

Description: This course focuses on advanced practical aspects of pre-production, production and post-production practices involved in narrative based film-making. Over the course of the term students will work in teams to plan, direct, film and edit video using digital technologies to create a short video.

Prerequisite: CIN250H5 and CIN350H5

Rationale: The course is part of our new Cinema Major Program and will be taught by Sheridan Faculty.

No. Hours
Instruction:
Offered at St
George: No
Revived Course: No

Course #15 CIN451H5 Experimental Practices EXP (HUM,EXP)

Description: This advanced level course focuses on alternative screen practices, styles and formats. Students will make a series of individual projects that play with and subvert conventional content, structures, movement, sound, time and image.

Prerequisite: CIN250H5 and CIN350H5

Rationale: The course is part of our new Cinema Major Program and will be taught by Sheridan Faculty.

No. Hours
Instruction: 24P
Offered at St
George: No

Revived Course: No

Course #16 DRE224H5 Introduction to Shakespeare (HUM)

Description: This course introduces students to Shakespeare. Lectures equip them with historical knowledge about literature, politics, and the theatre in Shakespeare's time. Tutorials help them to grapple with Shakespeare's language, versification, and stagecraft. By the end of the course students will have a new framework within which to understand - and interrogate - the enduring power of Shakespeare's work. [24L, 12T]

Exclusion: ENG220Y5, DRE221Y5, ENG223H5

Prerequisite: Open to students who have successfully completed at least 4.0 full credits. Students who do not meet the prerequisite but are enrolled in any 100-level ENG or DRE course (except ENG100H5) may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have a Y Shakespeare course that is usually offered as a single course under two codes for both the ENG and DRE programs: ENG220Y5 and DRE221Y5. It is losing enrolment steadily, because students cannot fit it into their timetables. ENG223H5 has been added to the calendar for English to give us more flexibility to meet students' needs: DRE224H5 may sometimes be offered in conjunction with ENG223H5, for the same reason. Note however that we have also created two new specialized DRE Shakespeare courses at 200 and 300 level.

No. Hours Instruction: 24L, 12T

Offered at St George: No

Revived Course: No

Course #17 DRE226H5 Shakespeare in the Theatre (HUM)

Description: This course introduces students to Shakespeare's plays as works of theatre. We will study the spaces and performance practices for which these texts were originally written and explore how subsequent generations of theatre makers approached, adapted, and repurposed them for different performance venues and styles, and from different aesthetic, cultural, and political perspectives, from the seventeenth century to our own time, in Britain, North America, and beyond the English-speaking world. The course will include screenings of select landmark productions. [36L, 12P]

Exclusion: DRE221Y5

Prerequisite: Open to students who have successfully completed DRE121H5 or ENG121H5; and DRE122H5 or ENG122H5.

Rationale: This will replace DRE221Y5, which will now be taught as two separate courses, an introductory class at the 200-level and a more advanced, exploratory class on the 300-level. This new arrangement dovetails in a pedagogically more meaningful way with the acting curriculum at Sheridan for Theatre and Drama Studies specialists, who are the primary constituency for this course (though DRE226H5 will be open to all students).

No. Hours Instruction: 36L, 12P

Offered at St George: No

Revived Course: No

Course #18 DRE305H5 Studies in Indigenous Performance EXP (HUM,EXP)

Description: Topic for this course vary from year to year, depending on faculty research interests. The course may cover such matters as interdisciplinary approaches to Indigenous storytelling in experimental film, new media, digital arts and performance, including community collaboration, public spaces, archival or historical content, participatory performance, and decentralized theatre. It may include a practical workshop component and attending a rehearsal for an Indigenous lead production in Toronto. [36L]

Prerequisite: 4.0 credits including at least 1.0 Humanities credit.

Recommended Preparation: DRE121H5, ENG121H5, ENG122H5, DRE122H5, DRE200H5, DRE222H5

Rationale: This is one of two new courses that can be taught by new faculty in Indigenous performance, and part of an overall initiative to diversify our offerings in DRE programs and to respond to the Truth and Reconciliation process.

No. Hours Instruction: 36L

Offered at St George: No

Revived Course: No

Course #19 DRE370H5 Exploring Shakespeare in Performance (HUM)

Description: In this course, students will be introduced to contemporary theatrical approaches to the most canonical of dramatists. Through selected theoretical readings, interviews, practical exercises, and screenings of recent productions, we will explore tensions between reverential and radical treatments of the Shakespearean text, including topics such as the politics of casting, the role of the director, and the authority of the actor. The course will ask what it means to stage Shakespeare now and will equip students to develop their own and conceptual and theatrical responses to that question. [24L, 24T]

Exclusion: DRE221Y5

Prerequisite: Open to students who have successfully completed at least 4.0 full credits, including DRE121H5 or ENG121H5; DRE122H5 or ENG122H5; and DRE226H5.

Rationale: This will replace DRE221Y5, which will now be taught as two separate courses, an introductory class at the 200-level (DRE226H5) and this more advanced, exploratory class. This new arrangement dovetails in a pedagogically more meaningful way with the acting curriculum at Sheridan for Theatre and Drama Studies specialists, who are the intended constituency for this course.

No. Hours Instruction: 24L, 24T

Offered at St George: No

Revived Course: No

Course #20 DRE405H5 Topics in Indigenous Performance EXP (HUM,EXP)

Description: This senior research and creation seminar will explore topics in contemporary Indigenous performance. These topics will vary with faculty research interests; course may cover such matters as intergenerational cross-cultural collaboration, Anishinaabe star and land knowledge, working with culturally-codified objects, contextualizing projects in non-institutional spaces, international inter-indigenous productions, community outreach, and Indigenous feminisms and futurisms. The course may include a practical workshop component or a capstone research or performance project. [24S]

Prerequisite: 9 credits including DRE121H5 or ENG121H5; DRE122H5 or ENG122H5; and either DRE200H5 or DRE222H5.

Students who do not meet the prerequisite may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: This is one of two courses we are adding in Indigenous performance, an area into which we are expanding, and for which we have recently hired a new faculty member. The courses also respond to the Truth and Reconciliation process.

No. Hours Instruction: 24S

Offered at St George: No

Revived Course: No

Course #21 ENG105H5 Introduction to World Literatures (HUM)

Description: Students will learn about contemporary creative writing in English from around the world. The course will cover the work of some famous writers, such as Toni Morrison or J.M. Coetzee, and also new and emerging authors, from Canada to New Zealand to Nigeria. [24L, 12T]

Exclusion: ENG140Y5

Rationale: ENG140 is in the calendar as a Y, full year course: it is not enrolling well, compared with our 100-level H courses, because students find it hard to timetable. This more introductory H course will give us the flexibility we need to meet student needs.

No. Hours Instruction: 24L, 12T

Offered at St George: No

Revived Course: No

Course #22 ENG204H5 How to Read Poetry (HUM)

Description:	This course gives students the tools they need to appreciate and understand poetry's traditional and experimental forms, specialized techniques, and diverse ways of using language. The course asks a fundamental question for literary studies: why is poetry is such an important mode of expression in so many different time periods, locations, and cultures? [36L]
Exclusion:	ENG201Y5
Prerequisite:	Open to students who have successfully completed at least 4.0 full credits.
	Students who do not meet the prerequisite but are enrolled in any 100-level ENG or DRE course (except ENG100H5) may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
Rationale:	We offer a Y course on Reading Poetry: it is difficult for students to timetable. This new H course will give us more flexibility to meet student needs.
No. Hours Instruction:	36L
Offered at St George:	No
Revived Course:	No

Course #23 ENG211H5 Introduction to the Novel (HUM)

Description:	This course gives students a foundational understanding of the novel in English. It introduces them to the history of the novel, from medieval sagas and adventure stories to modern experiments with fragmentary narratives. The course covers novels from a range of geographical places; students will be asked to consider why the novel has been so successful in the past, and what its futures might be. Students will read at least one complete novel during the course and extracts from others. [36L]
Exclusion:	ENG210Y
Prerequisite:	Open to students who have successfully completed at least 4.0 full credits.
	Students who do not meet the prerequisite but are enrolled in any 100-level ENG or DRE course (except ENG100H5) may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
Rationale:	We have an introductory course on the novel on the calendar, ENG210Y, but it enrolls very poorly when we offer it (which we rarely do) because it is too hard for students to timetable and because they are put off by the amount of reading. Some sort of introduction to the novel as a specific literary form is nevertheless desirable, before students encounter the work of major novelists such as Austen or Woolf in higher level courses and/or as they learn about the history of literature in English in ENG202 and ENG203. This abbreviated course gives us a way to meet this need.
No. Hours Instruction:	36L
Offered at St George:	No
Revived Course:	No

Course #24 ENG223H5 Introduction to Shakespeare (HUM)

Description:	This course introduces students to Shakespeare. Lectures equip them with historical knowledge about literature, politics, and the theatre in Shakespeare's time. Tutorials help them to grapple with Shakespeare's language, versification, and stagecraft. By the end of the course students will have a new framework within which to understand - and interrogate - the enduring power of Shakespeare's work. [24L 12T]
Exclusion:	ENG220Y5, DRE221Y5, DRE224H5
Prerequisite:	Open to students who have successfully completed at least 4.0 full credits.
	Students who do not meet the prerequisite but are enrolled in any 100-level ENG or DRE course (except ENG100H5) may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
Rationale:	We have a Y Shakespeare course on the books: ENG220. It is losing enrolment steadily, because students cannot fit it into their timetables. This course gives us more flexibility to meet their needs.
No. Hours Instruction:	24L, 12T
Offered at St George:	No

Revived Course: No

Course #25 ENG251H5 Introduction to American Literature (HUM)

Description: This course introduces students to major works in American literature in a variety of genres, from poetry and fiction to essays and slave narratives. [36L]

Exclusion: ENG250Y5

Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in any 100-level ENG or DRE course (except ENG100H5) may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We already offer a foundational Y course in American Literature, ENG250 but students struggle to fit it into their timetables, which adversely affects enrolment. This course will give us more flexibility to meet students' needs.

No. Hours Instruction: 36L

Offered at St George: No

Revived Course: No

Course #26 ENG255H5 Introduction to Canadian Literature (HUM)

Description: This course introduces students to Canadian literatures, from the oral narratives of Canada's early Indigenous communities to new writing in a digital age. [36L]

Exclusion: ENG252Y5

Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in any 100 level ENG or DRE course (except ENG100H5) may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We already offer a Y course on this topic, ENG252 but students struggle to fit it into their timetables, which adversely affects enrolment. This course will give us more flexibility to meet students' needs.

No. Hours Instruction: 36L

Offered at St George: No

Revived Course: No

Course #27 ENG327H5 Blame Chaucer (HUM)

Description: This course takes a close look at some of the bawdy, irreverent, and even dangerous texts written in fourteenth-century England by Geoffrey Chaucer. As he recounts erotic dreams, tells the story of a faithless woman in *Troilus and Criseyde*, and narrates tales told on a riotous, drunken pilgrimage in *The Canterbury Tales*, Chaucer repeatedly tells his readers not to blame him for what he writes. Students in this course will ask: who is to blame, if not the author himself? [36L]

Prerequisite: 1.0 credit in ENG and 3.0 additional credits.

Rationale: We already offer a Y course on this topic, ENG300 but students struggle to fit it into their timetables, which adversely affects enrolment. This course will give us more flexibility to meet students' needs.

No. Hours Instruction: 36L

Offered at St George: No

Revived Course: No

Course #28 ENG383H5 British Romanticism and Its Contexts (HUM)

Description: This course gives students a new perspective on the cultural contexts for British Romanticism: students will learn about literature's relationship to philosophy, politics, religion, science, and colonialism in the Romantic period, as they examine works by some major authors such as William Wordsworth, Walter Scott, and Mary Shelley. [36L]

Prerequisite: 1.0 credit in ENG and 3.0 additional credits.
Rationale: We already offer a Y course on Romanticism, ENG308 but students struggle to fit it into their timetables, which adversely affects enrolment. We are introducing several H courses on the topic that will give us more flexibility to meet students' needs.
No. Hours Instruction: 36L
Offered at St George: No
Revived Course: No

Course #29 ENG385H5 British Romanticism, 1770-1800 (HUM)

Description: This course covers the early Romantic period in British Literature. Students may read novels such as Frances Burney's *Evelina*; plays such as Richard Brinsley Sheridan's *School for Scandal*; writing on the French and American Revolutions; William Blake's *Songs of Innocence and of Experience*; and ballads by William Wordsworth, Samuel Taylor Coleridge, Hannah More, and Mary Robinson. [36L]
Exclusion: ENG308Y5
Prerequisite: 1.0 credit in ENG and 3.0 additional credits.
Rationale: We already offer a Y course on Romanticism, ENG308 but students struggle to fit it into their timetables, which adversely affects enrolment. We are introducing several H courses on the topic that will give us more flexibility to meet students' needs.
No. Hours Instruction: 36L
Offered at St George: No
Revived Course: No

Course #30 ENG386H5 British Romanticism, 1800-1830 (HUM)

Description: This course covers the later Romantic period in British Literature. Authors studied may include Walter Scott, Mary Shelley, Percy Shelley, Jane Austen, Lord Byron, and John Keats. [36L]
Exclusion: ENG308Y5
Prerequisite: 1.0 credit in ENG and 3.0 additional credits.
Rationale: We already offer a Y course on Romanticism, ENG308 but students struggle to fit it into their timetables, which adversely affects enrolment. We are introducing several H courses on the topic that will give us more flexibility to meet students' needs.
No. Hours Instruction: 36L
Offered at St George: No
Revived Course: No

Course #31 ENG387H5 Popular Novels in the Eighteenth Century (HUM)

Description: This course offers students a chance to read some early novels in English - from the scandalous to the sentimental to the Gothic. They will consider what made novels best-sellers in eighteenth-century Britain and why the popularization of novel reading was such a source of controversy at the time. Authors may include: Daniel Defoe, Samuel Richardson, Henry Fielding, Laurence Sterne, Frances Burney, and Ann Radcliffe. [36L]
Exclusion: ENG322Y5
Prerequisite: 1.0 credit in ENG and 3.0 additional credits.
Rationale: We already offer a Y course on this topic, ENG322Y5 but students struggle to fit it into their timetables, which adversely affects enrolment. This course will give us more flexibility to meet students' needs.
No. Hours Instruction: 36L
Offered at St George: No
Revived Course: No

Course #32 ENG392H5 The Canadian Novel (HUM)

Description:	Students will read novels of importance for Canadian literary history: these may include, for example, L.M. Montgomery's <i>Anne of Green Gables</i> , Hugh MacLennan's <i>Two Solitudes</i> , and Lawrence Hill's <i>Book of Negroes</i> . [36L]
Exclusion:	ENG353Y
Prerequisite:	1.0 credit in ENG and 3.0 additional credits.
Rationale:	We already offer a Y course on this topic, ENG353, but students struggle to fit it into their timetables, which adversely affects enrolment. This course will give us more flexibility to meet students' needs.
No. Hours Instruction:	36L
Offered at St George:	No
Revived Course:	No

Course #33 ENG393H5 Canadian Poetry in Context (HUM)

Description:	This course gives students a chance to think about the social, historical, and personal circumstances that have produced the work of some major Canadian authors, from the poets of Canadian Confederation to contemporary Black and Indigenous writers such as M. NourbeSe Philip and Rita Joe. [36L]
Exclusion:	ENG354Y5
Prerequisite:	1.0 credit in ENG and 3.0 additional credits.
Rationale:	We already offer a Y course on this topic, ENG354 but students struggle to fit it into their timetables, which adversely affects enrolment. This course will give us more flexibility to meet students' needs.
No. Hours Instruction:	36L
Offered at St George:	No
Revived Course:	No

Course #34 ENG394H5 American Literature from the Revolution to 1900 (HUM)

Description:	Students will read a selection of American writings from the late eighteenth and nineteenth centuries; these may include the stories of Edgar Allan Poe, the poetry of Walt Whitman and Emily Dickinson, Harriet Beecher Stowe's novels, and slave narratives such as those of Frederick Douglass and Harriet Jacobs. [36L]
Exclusion:	ENG363Y5
Prerequisite:	1.0 credit in ENG and 3.0 additional credits.
Rationale:	We already offer a Y course on this topic, ENG363, but students struggle to fit it into their timetables, which adversely affects enrolment. This course will give us more flexibility to meet students' needs.
No. Hours Instruction:	36L
Offered at St George:	No
Revived Course:	No

Course #35 ENG395H5 American Literature 1900 to the Present (HUM)

Description:	Students will read a selection of works by American authors as diverse as Edith Wharton, Ernest Hemingway, T.S. Eliot, Sylvia Plath, Harper Lee, Thomas Pynchon, and Jhumpa Lahiri. [36L]
Exclusion:	ENG364Y5
Prerequisite:	1.0 credit in ENG and 3.0 additional credits.
Rationale:	We already offer a Y course on this topic, ENG364 but students struggle to fit it into their timetables, which adversely affects enrolment. This course will give us more flexibility to meet students' needs.
No. Hours Instruction:	36L
Offered at St George:	No
Revived Course:	No

Course #36 ENG396H5 Literary Theory Now (HUM)

Description:	This course will explore some of the most recent, provocative, and significant developments in literary theory, including work in such areas as eco-criticism, literary activism, critical race studies, Indigenous studies, queer and trans studies, and cognitive literary studies. [36L]
Prerequisite:	1.0 credit in ENG and 3.0 additional credits.
Rationale:	We offer a Y course that covers aspects of this topic, ENG382, but that has a longer historical scope: we want a course that introduces students to the most recent advances in the area. Moreover students struggle to fit the Y course into their timetables, which adversely affects enrolment. This course will give us more flexibility to meet students' needs.
No. Hours Instruction:	36L
Offered at St George:	No
Revived Course:	No

Course #37 ENG397H5 Individual Studies (HUM)

Description:	A scholarly project chosen by the student and supervised by a faculty member. The form of the project and the manner of its execution will be determined in consultation with the supervisor. All project proposals must be submitted to the Undergraduate Advisor by May 15 who can provide the proposal form.
Prerequisite:	1.0 credit in ENG and 3.0 additional credits.
Rationale:	Students and faculty are better able to fit an H Independent Study into busy timetables/workloads.
No. Hours Instruction:	
Offered at St George:	No
Revived Course:	No

Course #38 ENG398H5 Research Opportunity Program (HUM)

Description:	This course provides a richly rewarding opportunity for upper-level students to work on the research project of a professor. Students enrolled have an opportunity to become involved in original research, learn research methods, and share in the excitement and discovery of creating new knowledge. Professors' project descriptions for the following fall-winter session are posted on the ROP website in mid-February and students are invited to apply at that time. See Experiential and International Opportunities for more details.
Prerequisite:	1.0 credits in English and 3.0 additional credits.
Rationale:	We have on the calendar ENG299Y and ENG 399Y ROP courses (though in the last decade have only offered the latter). We are introducing 399H to give instructors more flexibility and more encouragement to design and offer ROP courses, the delivery of which is not part of ordinary faculty workload, or remunerated at all for CUPE instructors.
No. Hours Instruction:	36
Offered at St George:	No
Revived Course:	No

Course #39 FAH275H5 Introduction to Indigenous Art in Canada (HUM)

Description:	This survey course will introduce students to the advanced technological and innovative material contributions of Indigenous cultural knowledge towards the reshaping of Canadian Culture, Identity and Art today; beginning with the Mississaugas of the New Credit First Nations. Specificity of place, nation, geographical territory, the intervention of colonial government policy, and social movements will be reviewed as they relate to the creation and collection of Indigenous art and established art markets. Object and image making, new technologies, performance art, ceremony, land, hunting, activism, social engagement, and community arts will be covered, as will fashion, dance, song, and storytelling.
Recommended Preparation:	FAH101H5
Rationale:	Indigenous course will be taught by new faculty member.
No. Hours Instruction:	24L, 12T
	No

Offered at St
George:
Revived Course: No

Course #40 FAH375H5 All Our Relations: Indigenous Land Stewardship and Art EXP (HUM,EXP)

Description: This class embraces land- and earth-based skills as tools in the production and maintenance of revitalization efforts in Indigenous culture and knowledge. Throughout the course students will lead the development, production and maintenance of a Community Medicine Garden initiative to be located in the heart of the UTM campus. Topics include environmental liberation, food sovereignty, kinship, gardening as resistance, patriarchy, land stewardship, landscaping with regional indigenous plants, Indigenous feminisms, place-based knowledge and knowledge sharing. Activities will include: film screenings, community feasts, public readings, drumming circles, and guests speakers with Traditional Indigenous knowledge carriers, artists, environmental activists, and local grassroots community-based partners. [24S]

Prerequisite: FAH101H5 and FAH275H5

Rationale: Indigenous course will be taught by new faculty member.

No. Hours Instruction: 24S

Offered at St George: No

Revived Course: No

Course #41 FAH396H5 Topics in Medieval Art and Architecture (HUM)

Description: An examination of a topic in medieval art and or architecture. Topics vary from year to year; the content in any given year depends upon the instructor. This will be a lecture course for approximately 30 students.[24S]

Prerequisite: FAH101H5 and FAH215H5/FAH216H5 or P.I.

Rationale: Addition of topics course in the medieval area so that all distributions are covered.

No. Hours Instruction: 24S

Offered at St George: No

Revived Course: No

Course #42 FAH475H5 Topics in Contemporary Indigenous Art (HUM)

Description: A senior research and creation seminar exploring topics that advance conversations in Contemporary Indigenous art. This course will look at a selection of influential Canadian and International Indigenous Art projects by living artists as case studies. Topic will vary with faculty research interests; the course may cover such matters as environmental justice, accountability in accomplice-building between Indigenous and non-indigenous artists, and the influence of social movements in shaping local and international conversations on Indigenous Art and culture from Alcatraz and Idle No More to Standing Rock. May include a practical workshop component. May include a research, curatorial or art project.[24S]

Prerequisite: FAH101H5, FAH275H5 and FAH375H5

Rationale: Indigenous course will be taught by new faculty member.

No. Hours Instruction: 24S

Offered at St George: No

Revived Course: No

Course #43 FRE388H5 Bilingualism and Multiple Language Acquisition (HUM)

Description: This course examines simultaneous and successive second (and multiple) language acquisition by children. We will look at such topics as the bilingual brain, the nature of the input, age constraints on language acquisition, language separation and cross-linguistic influences, schooling in a second language (for example French immersion programs), and various methods used in the study of bilingualism in individuals. Bilingual/multilingual corpora containing French as one of the languages will be examined. The language of instruction will be English. Students will have the option to write assignments in either English or French. Students who write the assignments in French may petition the department to count this course for credit towards a degree in French Studies. [24L,

	12T]
Prerequisite:	FRE225Y5, FRE272Y5, plus a 0.5 credit at 300-level among French Linguistics courses or equivalent at the 300-level in PSY
Corequisite:	Suggested companion course: FRE325H5
Rationale:	The students working with English-language material and writing tests and assignments in English will be eligible to receive a LIN388 credit if they satisfy the prerequisites of the LIN program. The students working with French-language material and writing tests and assignments in French will receive credit toward a degree in French studies.
No. Hours Instruction:	[24L, 12T]
Offered at St George:	No
Revived Course:	No

Course #44 ITA388H5 Italian Studies Education Internship **EXP (HUM,EXP)**

Description:	(Offered in English/Italian) This internship is a minimum 100-hour experiential learning opportunity. The internship connects the student's subject specialization to aspects of the teaching/training development profession. It will integrate, extend, and deepen the learning experience as students begin to identify particular academic or professional insights. Prior to enrolment, internship proposals must be approved by the program coordinator.
Exclusion:	CTE388H5, CTE388Y5, EDS388H5, ITA400Y5
Prerequisite:	ITA200Y5
Rationale:	<ol style="list-style-type: none"> 1. The course will strengthen the academic and practical experiences of students enrolled in LS' Teaching and Learning and Education Studies programs. 2. The course complements similar courses taught in other languages within the Department. 3. The proposal comes during this curriculum cycle in light of changes taking place to combined programs within the Department. Without this course, students would be unable to satisfy applicable program requirements.
No. Hours Instruction:	
Offered at St George:	No
Revived Course:	No

Course #45 ITA392H5 Queer Italy: Antinormative Desire in Theory, Literature, and Cinema **(HUM)**

Description:	(Offered in English/Italian) An exploration of how sexual diversity has been expressed and treated in Italian culture. Particular attention will be paid to issues of persecution, social struggle and activism, censorship, and marginalization of LGBTQ+ individuals and works. [24L]
Prerequisite:	ITA200Y5
Rationale:	<ol style="list-style-type: none"> 1. The proposed course expands the Italian offerings to include the burgeoning fields in this area of study. At the moment, only canonical-normative voices are studied. 2. Maintain key links with other departments on campus: the proposed course should be cross-listed with Women and Gender Studies.
No. Hours Instruction:	[24L]
Offered at St George:	No
Revived Course:	No

Course #46 ITA451H5 The Way We Are: The Italian Language Today **(HUM)**

Description:	(Offered in Italian) This course describes the current configuration of the Italian language, as spoken and written within and outside of national borders today. Changes in the language will be analyzed through syntactic, lexical, and morphological perspectives as well as by looking at factors which affect those adjustments (contact with other languages, media, etc.). [24L, 12P]
Prerequisite:	ITA200Y5
Corequisite:	ITA350Y5
Rationale:	

1. The proposed course fills the lacuna in Italian linguistics offerings.
2. Maintain key links with other units in the department: the proposed course could be cross-listed with other LS programs.

No. Hours Instruction:
Offered at St George: No
Revived Course: No

Course #47 LIN441H5 Computing Meaning (HUM)

Description: How can we get a computer system to carry out meaningful tasks, such as determining if a restaurant review is positive? How can computational experiments help linguists understand meaning and its use better? This course will introduce students to computational linguistic concepts and techniques pertaining to meaning, such as vector space semantics and sentiment analysis. The course combines a theoretical perspective on meaning and computation with hands-on lab work. [12L, 24P]

Prerequisite: LIN237H5, LIN340H5

Rationale: This course is proposed to develop the computational linguistics branch of the Linguistics program, as a precursor to a joint Specialist Program with Mathematics and Computational Sciences. Working with meaning (semantics and pragmatics) is central to many real-world natural language processing applications. At the same time, a computational perspective on meaning can enrich students' understanding of theoretical issues, thereby providing depth to the Semantics line of the program (LIN237H5, LIN337H, LIN338H). The course will furthermore be a natural follow-up on LIN340H5 (Language and Computers), where students get acquainted with the elementary concepts of computational linguistics. It does so by continuing the line of teaching integrated insights from linguistics and computer science (in particular artificial intelligence) in a hands-on, lab-based setting. The topic falls squarely in the research and teaching expertise of the newly hired faculty member (Beekhuizen) teaching it.

No. Hours Instruction: [12L, 24P]
Offered at St George: No
Revived Course: No

Course #48 URD312Y5 Intermediate Urdu (HUM)

Description: In this course, students will continue developing skills in spoken and written Urdu with the study of more complex grammar. Students will continue to build vocabulary and advance their ability in literary and colloquial forms of the language. [72L, 24P]
NOTE: All students who are enrolling in an URD language course for the first time (do not have the prerequisite) are required to complete a language assessment questionnaire. Students who have not completed an assessment cannot be approved for course enrolment. Please visit www.utm.utoronto.ca/language-studies/elective-languages for further details

Prerequisite: URD212Y or appropriate language level as indicated by the language assessment questionnaire.

Rationale: In fall/winter 2018-2019, URD212Y Introduction to Urdu was offered as a separate course for the first time with a Cap of 35. This course was one of the most popular Language courses and the department had to increase the Cap to 45 and after passing the first week of the school, 18 students were still in the waitlist. Due to student demand and the UTM student population, we expect that we will have high demand for the intermediate level URD in 2019-2020. Thus, we propose intermediate Urdu as a new course to fulfill the demands of our students who took the introductory level this year and gradually develop URD curriculum.

No. Hours Instruction:
Offered at St George: No
Revived Course: No

Course #49 utm119H5 utmONE: Lights, Camera, Culture: Exploration of Cinema EXP (HUM,SSc,EXP)

Description: This course will explore how cinematic movies represent time capsules. They tell stories that embody historical events, describe political ideas, represent race and gender roles, disseminate propaganda, display economic class difference, demonstrate the technological sophistication of its day, capture styles of fashion, music and art, and propagate culturally important ideas. As movies are watched by everyone across the whole socioeconomic spectrum (both historically and currently), students will have an opportunity to evaluate and discuss how this powerful form of media has had and will continue to play an important role in representing and shaping society. As

part of this course students will participate in a series of tutorials that will introduce them to essential elements of a holistic student experience (such as career exploration, health and wellness, and co-curricular engagement).

Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: utmONE is designed to offer transitional courses on a rotating basis to our incoming students.

No. Hours Instruction: 24L, 12T

Offered at St George: No

Revived Course: No

Courses - Resource Implications

Course #1 ARA210H5 Arab Culture I

Resource implications: Sessional instructor will be needed and the course will be offered in alternative years in rotation with other similar courses.

Course #2 CHI201H5 Intermediate High Chinese I

Resource implications: none

Course #3 CHI202H5 Intermediate High Chinese II

Resource implications: none

Course #4 CHI203H5 Intermediate Chinese I

Resource implications: none

Course #5 CHI204H5 Intermediate Chinese II

Resource implications: none

Course #6 CIN102H5 Modernity and the Moving Image

Resource implications: Books and DVDs for Library in consultation with Library Liaison. TA commitments as per our CIN 100-level courses.

Course #7 CIN206H5 Auteurs

Resource implications: None.

Course #8 CIN207H5 East Asian Cinema

Resource implications: Books and DVDs for Library in consultation with Library Liaison. TA commitments as per our CIN 200-level courses.

Course #9 CIN208H5 The Films of Abbas Kiarostami: Being and Movement

Resource implications: Books and DVDs for Library in consultation with Library Liaison. TA commitments as per our CIN 200-level courses.

Course #10 CIN250H5 Introduction to the Fundamentals of Cinematic Language

Resource implications: There are no resource implications.

Course #11 CIN301H5 Topics in Cinema Studies

Resource implications: There are no resource implications.

Course #12 CIN302H5 Topics in Cinema Studies

Resource implications: There are no resource implications.

Course #13 CIN304H5 The Violent Image

Resource implications: There are no resource implications.

Course #14 CIN305H5 Taiwan New Wave in Our Time

Resource implications: Books and DVDs for Library in consultation with Library Liaison. TA commitments as per our CIN 300-level courses.

Course #15 CIN308H5 East and Southeast Asian Cinemas of Migration

Resource implications: Books and DVDs for Library in consultation with Library Liaison. TA commitments as per our CIN 200-level courses.

Course #16 CIN309H5 Colour and the Moving image

Resource implications: Books and DVDs for Library in consultation with Library Liaison. TA commitments as per our CIN 300-level courses.

Course #17 CIN310H5 Melodrama

Resource implications: Books and DVDs for Library in consultation with Library Liaison. TA commitments as per our CIN 300-level courses.

Course #18 CIN350H5 Storytelling through Genre

Resource implications: There are no resource implications.

Course #19 CIN400H5 Topics in Cinema Studies

Resource implications: There are no resource implications.

Course #20 CIN401H5 Topics in Cinema Studies

Resource implications: There are no resource implications.

Course #21 CIN403H5 Queerscapes, Screenscapes, Escapes: Gender and Sexuality Across East and Southeast Asian Cinemas

Resource implications: Books and DVDs for Library in consultation with Library Liaison. TA commitments as per our CIN 200-level courses.

Course #22 CIN404H5 Film Noir and the Problem of Style

Resource implications: Books and DVDs for Library in consultation with Library Liaison. TA commitments as per our CIN 400-level courses.

Course #23 CIN405H5 Cinema and Emotion

Resource implications: Books and DVDs for Library in consultation with Library Liaison. TA commitments as per our CIN 400-level courses.

Course #24 CIN450H5 Advanced Video Production

Resource implications: There are no resource implications.

Course #25 CIN451H5 Experimental Practices

Resource implications: There are no resource implications.

Course #26 CLA101H5 Introduction to Classical Civilization

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #27 CLA201H5 Latin and Greek in Scientific Terminology

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. The TA rationale has been submitted to the Dean's Office.

Course #28 CLA204H5 Introduction to Classical Mythology

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #29 CLA230H5 Introduction to Greek History

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #30 CLA231H5 Introduction to Roman History

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #31 CLA233H5 Introduction to Roman Culture & Society

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #32 CLA235H5 Ancient Visual Culture

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #33 CLA237H5 Introduction to Greek Culture & Society

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #34 DRE221Y5 Shakespeare

Resource implications: No resource implications.

Course #35 DRE224H5 Introduction to Shakespeare

Resource implications: No resource implications: would replace an existing course.

Course #36 DRE226H5 Shakespeare in the Theatre

Resource implications: No resource implications, aside from the need to arrange space for screenings.

Course #37 DRE305H5 Studies in Indigenous Performance

Resource implications: No resource implications: a faculty member in this area has been hired and teaching this or a similar course when offered will fall within their ordinary workload.

Course #38 DRE370H5 Exploring Shakespeare in Performance

Resource implications: No resource implications.

Course #39 DRE405H5 Topics in Indigenous Performance

Resource implications: No resource implications: we have hired a faculty member who can teach the course as part of ordinary workload.

Course #40 EDS100H5 Introduction to Education Studies

Resource implications: none

Course #41 EDS200H5 Child, Adolescent and Adult Development in Education

Resource implications: none

Course #42 EDS210H5 Communication and Conflict Resolution

Resource implications: none

Course #43 EDS220H5 Equity and Diversity in Education

Resource implications: none

Course #44 EDS250H5 Indigenous Education

Resource implications: none

Course #45 EDS300H5 Learning Design

Resource implications: none

Course #46 EDS310H5 Education in a Global Context

Resource implications: none

Course #47 EDS388H5 Experiential Learning Opportunity within the Community

Resource implications: none

Course #48 ENG105H5 Introduction to World Literatures

Resource implications: No resource implications: will be offered in place of existing courses.

Course #49 ENG110H5 Narrative

Resource implications: No resource implications.

Course #50 ENG140Y5 Contemporary World Literatures

Resource implications: No resource implications.

Course #51 ENG201Y5 Reading Poetry

Resource implications: No resource implications

Course #52 ENG202H5 British Literature in the World I: Medieval to Eighteenth-Century

Resource implications: No resource implications.

Course #53 ENG203H5 British Literature in the World II: Romantic to Contemporary

Resource implications: No resource implications

Course #54 ENG204H5 How to Read Poetry

Resource implications: No resource implications.

Course #55 ENG205H5 Rhetoric

Resource implications: No resource implications.

Course #56 ENG206H5 Rhetorical Criticism

Resource implications: No resource implications.

Course #57 ENG210Y5 The Novel

Resource implications: No resource implications.

Course #58 ENG211H5 Introduction to the Novel

Resource implications: No resource implications.

Course #59 ENG213H5 The Short Story

Resource implications: No resource implications.

Course #60 ENG214H5 The Short Story Cycle

Resource implications: No resource implications.

Course #61 ENG215H5 The Canadian Short Story

Resource implications: No resource implications.

Course #62 ENG220Y5 Shakespeare

Resource implications: No resource implications.

Course #63 ENG223H5 Introduction to Shakespeare

Resource implications: No resource implications.

Course #64 ENG234H5 Children's Literature

Resource implications: No resource implications.

Course #65 ENG235H5 Comics and the Graphic Novel

Resource implications: No resource implications.

Course #66 ENG236H5 Detective Fiction

Resource implications: No resource implications.

Course #67 ENG237H5 Science Fiction

Resource implications: No resource implications.

Course #68 ENG238H5 Fantasy Literature

Resource implications: No resource implications.

Course #69 ENG239H5 Horror Literature

Resource implications: No resource implications.

Course #70 ENG250Y5 American Literature

Resource implications: No resource implications.

Course #71 ENG251H5 Introduction to American Literature

Resource implications: No resource implications.

Course #72 ENG252Y5 Canadian Literature

Resource implications: No resource implications.

Course #73 ENG255H5 Introduction to Canadian Literature

Resource implications: No resource implications.

Course #74 ENG259H5 Literature and Environmental Criticism

Resource implications: No resource implications.

Course #75 ENG269H5 Queer Writing

Resource implications: No resource implications.

Course #76 ENG271H5 Toronto's Multicultural Literatures

Resource implications: No resource implications.

Course #77 ENG272H5 Literature and Exile

Resource implications: No resource implications.

Course #78 ENG273H5 Literatures of Immigration and Exile

Resource implications: No resource implications.

Course #79 ENG274H5 Indigenous Literatures

Resource implications: No resource implications.

Course #80 ENG275H5 Feminist Approaches to Literature

Resource implications: No resource implications.

Course #81 ENG276H5 Fanfiction

Resource implications: No resource implications.

Course #82 ENG277H5 Bad Romance

Resource implications: No resource implications.

Course #83 ENG279H5 Video Games

Resource implications: No resource implications.

Course #84 ENG280H5 Critical Approaches to Literature

Resource implications: No resource implications.

Course #85 ENG289H5 Creative Writing

Resource implications: No resource implications.

Course #86 ENG291H5 Reading for Creative Writing

Resource implications: No resource implications.

Course #87 ENG299Y5 Research Opportunity Program

Resource implications: No resource implications.

Course #88 ENG303H5 Milton

Resource implications: No resource implications.

Course #89 ENG304H5 Seventeenth-Century Poetry

Resource implications: No resource implications.

Course #90 ENG305H5 Swift, Pope, and their Contemporaries

Resource implications: No resource implications.

Course #91 ENG306Y5 Literature of the Restoration and 18th Century

Resource implications: No resource implications.

Course #92 ENG307H5 Women Writers before Austen

Resource implications: No resource implications.

Course #93 ENG308Y5 Romantic Poetry and Prose

Resource implications: No resource implications.

Course #94 ENG311H5 Medieval Literature

Resource implications: No resource implications.

Course #95 ENG312H5 Special Topic in Medieval Literature

Resource implications: No resource implications.

Course #96 ENG313H5 Special Topic in Early Modern British Literature

Resource implications: No resource implications.

Course #97 ENG314H5 Special Topic in Eighteenth-Century British Literature

Resource implications: No resource implications.

Course #98 ENG315H5 Special Topic in Nineteenth-Century British Literature

Resource implications: No resource implications.

Course #99 ENG316H5 Special Topic in Modern and Contemporary Literature

Resource implications: No resource implications.

Course #100 ENG320H5 Transforming Literature in the Sixteenth Century

Resource implications: No resource implications.

Course #101 ENG322Y5 The Rise of the Novel in the Eighteenth Century

Resource implications: No resource implications.

Course #102 ENG323H5 Austen and Her Contemporaries

Resource implications: No resource implications.

Course #103 ENG324Y5 Victorian Fiction

Resource implications: No resource implications.

Course #104 ENG325H5 The Victorian Novel

Resource implications: No resource implications.

Course #105 ENG327H5 Blame Chaucer

Resource implications: No resource implications.

Course #106 ENG329H5 Contemporary British Fiction

Resource implications: No resource implications.

Course #107 ENG330H5 Medieval Drama

Resource implications: No resource implications.

Course #108 ENG331H5 Elizabethan Drama

Resource implications: No resource implications.

Course #109 ENG333H5 The Modernist Novel

Resource implications: No resource implications.

Course #110 ENG335H5 Jacobean Drama

Resource implications: No resources required for the addition of this small mark of punctuation.

Course #111 ENG336H5 Special Topic in Shakespeare

Resource implications: No resource implications.

Course #112 ENG337H5 Restoration and Eighteenth-Century Drama

Resource implications: No resource implications.

Course #113 ENG340H5 The Rise of Modern Drama

Resource implications: No resource implications.

Course #114 ENG341H5 Modern Drama: Late Twentieth-Century to Present Day

Resource implications: No resource implications.

Course #115 ENG342H5 Contemporary Drama

Resource implications: No new resources required to support this minor editorial change.

Course #116 ENG345H5 Victorian Poetry

Resource implications: No resource implications.

Course #117 ENG349H5 Contemporary Poetry

Resource implications: No resource implications.

Course #118 ENG350H5 Poetry and Modernism

Resource implications: No resource implications.

Course #119 ENG352H5 Canadian Drama

Resource implications: No resource implications.

Course #120 ENG353Y5 Canadian Fiction

Resource implications: No resource implications.

Course #121 ENG354Y5 Canadian Poetry

Resource implications: No resource implications.

Course #122 ENG357H5 New Writing in Canada

Resource implications: No resource implications.

Course #123 ENG358H5 Special Topic in Canadian Literature

Resource implications: No resource implication.

Course #124 ENG360H5 Early American Literature

Resource implications: No resource implications.

Course #125 ENG363Y5 Nineteenth-Century American Literature

Resource implications: No resource implications.

Course #126 ENG364Y5 Twentieth-Century American Literature

Resource implications: No resource implications.

Course #127 ENG365H5 Contemporary American Fiction

Resource implications: No resource implications.

Course #128 ENG366H5 Special Topic in American Literature

Resource implications: No resource implications.

Course #129 ENG370H5 Global Literatures in English

Resource implications: No resource implications.

Course #130 ENG371H5 Special Topic in World Literatures

Resource implications: No resource implications.

Course #131 ENG380H5 History of Literary Theory

Resource implications: No resource implications.

Course #132 ENG382Y5 Contemporary Literary Theory

Resource implications: No resource implications.

Course #133 ENG383H5 British Romanticism and Its Contexts

Resource implications: No resource implications: will be offered in place of other courses.

Course #134 ENG384H5 Literature and Psychoanalysis

Resource implications: No resource implications.

Course #135 ENG385H5 British Romanticism, 1770-1800

Resource implications: No resource implications: replaces existing courses.

Course #136 ENG386H5 British Romanticism, 1800-1830

Resource implications: No resource implications: course will be offered in place of existing ones.

Course #137 ENG387H5 Popular Novels in the Eighteenth Century

Resource implications: No resource implications: we will offer this course in place of existing ones.

Course #138 ENG390Y5 Individual Studies

Resource implications: No resource implications.

Course #139 ENG391Y5 Individual Studies (Creative)

Resource implications: No resource implications.

Course #140 ENG392H5 The Canadian Novel

Resource implications: No resource implications: course will be offered in place of existing ones.

Course #141 ENG393H5 Canadian Poetry in Context

Resource implications: No resource implications: this course will be offered in place of existing ones.

Course #142 ENG394H5 American Literature from the Revolution to 1900

Resource implications: No resource implications: course will be offered in place of existing ones.

Course #143 ENG395H5 American Literature 1900 to the Present

Resource implications: No resource implications: course will be offered in place of existing ones.

Course #144 ENG396H5 Literary Theory Now

Resource implications: No resource implications: course will be offered in place of existing ones.

Course #145 ENG397H5 Individual Studies

Resource implications: No resource implications.

Course #146 ENG398H5 Research Opportunity Program

Resource implications: No resource implications.

Course #147 ENG399Y5 Research Opportunity Program

Resource implications: No resource implications.

Course #148 ENG489Y5 Creative Writing Workshop

Resource implications: No resource implications.

Course #149 FAH101H5 Introduction to Art History

Resource implications: TA funding for the writing module currently comes from the RGASC, however in consultation with the Office of the Dean we will be requesting to receive funding in the base covering for the course.

Course #150 FAH275H5 Introduction to Indigenous Art in Canada

Resource implications: Books for Library in consultation with DVS Library Liaison.

Course #151 FAH281H5 An Introduction to Islamic Art and Architecture

Resource implications: None

Course #152 FAH290H5 Topics in Modern Art and Architecture

Resource implications: none

Course #153 FAH310H5 Curating Matters: Contexts and Issues in Contemporary Curatorial Practice

Resource implications: There are no resource implications.

Course #154 FAH375H5 All Our Relations: Indigenous Land Stewardship and Art

Resource implications: Books for Library in consultation with DVS Library Liaison. CRC application submitted to help fund garden; project has been approved by Dean and the Assistant Manager of Grounds is on board with it.

Course #155 FAH390H5 Topics in Modern Art and Architecture

Resource implications: None

Course #156 FAH394H5 Topics in Early Modern Art and Architecture

Resource implications: none

Course #157 FAH395H5 Topics in Islamic Art and Architecture

Resource implications: None

Course #158 FAH396H5 Topics in Medieval Art and Architecture

Resource implications: Funding for TA commitments as per our FAH 300-level courses.

Course #159 FAH415H5 Theory and Criticism of Photography

Resource implications: None

Course #160 FAH424H5 Medieval Collecting and Display

Resource implications: None

Course #161 FAH451H5 Curating Now: Turning Concepts into Curatorial Projects

Resource implications: There are no resource implications.

Course #162 FAH472H5 Early Modern Mobile Objects

Resource implications: None

Course #163 FAH475H5 Topics in Contemporary Indigenous Art

Resource implications: Books for Library in consultation with DVS Library Liaison.

Course #164 FAH495H5 Topics in Islamic Art and Architecture

Resource implications: None.

Course #165 FAH498H5 Topics in Curatorial Studies

Resource implications: None.

Course #166 FAS246H5 Design II

Resource implications: There are no resource implications.

Course #167 FAS348Y5 Sculpture III

Resource implications: There are no resource implications.

Course #168 FRE280Y5 Language Practice: Written

Resource implications: none

Course #169 FRE372H5 The French Language through Space and Time I

Resource implications: none

Course #170 FRE373H5 The French Language through Space and Time II

Resource implications: none

Course #171 FRE388H5 Bilingualism and Multiple Language Acquisition

Resource implications: none

Course #172 FRE397H5 Colonialism and Post-colonialism in French Cinema

Resource implications: none

Course #173 FSL105H5 Functional French-Novice

Resource implications: none

Course #174 FSL106H5 Functional French-Advanced Beginner

Resource implications: none

Course #175 FSL205Y5 Functional French-Intermediate

Resource implications: none

Course #176 FSL305Y5 Functional French-High Intermediate

Resource implications: none

Course #177 FSL405H5 Functional French-Advanced I

Resource implications: none

Course #178 FSL406H5 Functional French-Advanced II

Resource implications: none

Course #179 HIN211H5 Introductory Hindi I

Resource implications: none

Course #180 HIN212H5 Introductory Hindi II

Resource implications: none

Course #181 HIS101H5 Introduction to History

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #182 HIS200H5 Topics in History

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #183 HIS201H5 Introduction to Middle Eastern History

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #184 HIS203H5 The Making of the Atlantic World (1000-1800)

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #185 HIS204H5 History Of The Ottoman Empire, 1299-1923

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #186 HIS214H5 Comparative Genocide

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #187 HIS221H5 Themes in Medieval History

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #188 HIS222H5 Eastern Europe Since 1815

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #189 HIS230H5 Introduction to European History 1300-1815

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #190 HIS236H5 Introduction to British History

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #191 HIS241H5 Introduction to 19th-Century European History

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #192 HIS242H5 Introduction to Contemporary European History

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #193 HIS250H5 Introduction to Russian History

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #194 HIS263Y5 The History of Canada

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #195 HIS271H5 US History, Colonial Era to 1877

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #196 HIS272H5 US History, 1877-present

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #197 HIS282H5 Introduction to South Asian History

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #198 HIS284H5 Introduction to East Asian History

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #199 HIS285H5 Politics of Asian Pacific War Memories

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #200 HIS290H5 Introduction to Latin American History

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #201 HIS295H5 Introduction to African History

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #202 ITA221H5 Modern Italian Literature I

Resource implications: none

Course #203 ITA222H5 Modern Italian Literature II

Resource implications: none

Course #204 ITA255Y5 "Fa 'na bona jobba!" - The Italian Canadian Experience

Resource implications: none

Course #205 ITA342H5 Post War Italian Cinema I: Mastering Neorealism

Resource implications: none

Course #206 ITA343H5 Post War Italian Cinema II: Moving Beyond Neorealism

Resource implications: none

Course #207 ITA376H5 Best Practices in Italian Teaching and Learning

Resource implications: none

Course #208 ITA388H5 Italian Studies Education Internship

Resource implications: none

Course #209 ITA390H5 The New Self and Self-Expression: 19th Century Italian Literature

Resource implications: none

Course #210 ITA391H5 Anxiety and Identity: Modern Italian History Through Literature

Resource implications: none

Course #211 ITA392H5 Queer Italy: Antinormative Desire in Theory, Literature, and Cinema

Resource implications: A sessional instructor will be needed for this course.

Course #212 ITA450H5 Advanced Italian

Resource implications: none

Course #213 ITA451H5 The Way We Are: The Italian Language Today

Resource implications: none

Course #214 LIN228H5 Phonetics

Resource implications: none

Course #215 LIN233H5 English Words through Space and Time

Resource implications: none

Course #216 LIN271Y5 Introduction to Sanskrit

Resource implications: none

Course #217 LIN279Y5 A Language Unlocked

Resource implications: New sessional instructor will be needed for this course.

Course #218 LIN327H5 Speech Perception

Resource implications: none

Course #219 LIN357H5 English Worldwide

Resource implications: none

Course #220 LIN388H5 Bilingualism and Multiple Language Acquisition

Resource implications: none

Course #221 LIN421H5 Speaking and Hearing with an Accent

Resource implications: none

Course #222 LIN441H5 Computing Meaning

Resource implications: none

Course #223 LIN458H5 Analyzing Sociolinguistic Variation

Resource implications: none

Course #224 PHL200H5 Ancient Philosophy

Resource implications: None

Course #225 PHL245H5 Modern Symbolic Logic

Resource implications: None

Course #226 PHL310H5 Topics in 17th and 18th Century Philosophy

Resource implications: None.

Course #227 PHL390H5 Special Topics in Philosophy

Resource implications: None

Course #228 PHL410H5 Seminar in 17th and 18th Century Philosophy

Resource implications: None.

Course #229 RLG101H5 Introduction to the Study of Religion

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #230 RLG201H5 Introduction to Religion in the Literary, Visual, and Performing Arts

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #231 RLG202H5 Introduction to Judaism

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #232 RLG203H5 Introduction to Christianity

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #233 RLG204H5 Introduction to Islam and Muslim Civilizations

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #234 RLG205H5 Key Themes in South Asian Religions

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #235 RLG206H5 Introduction to Buddhism

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #236 RLG207H5 Introduction to Sikhism

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #237 RLG208H5 Introduction to Zoroastrianism

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #238 RLG209H5 Introduction to Indigenous Traditions

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #239 RLG210H5 Introduction to Hinduism

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #240 RLG211H5 Introduction to Religion, Media, and Popular Culture

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #241 SPA100Y5 Spanish for Beginners

Resource implications: none

Course #242 SPA220Y5 Intermediate Spanish

Resource implications: none

Course #243 SPA320Y5 Advanced Spanish

Resource implications: none

Course #244 URD212Y5 Introduction to Urdu

Resource implications: none

Course #245 URD312Y5 Intermediate Urdu

Resource implications: Course to be taught by current faculty members.

Course #246 VCC236H5 North American Consumer Culture: 1890-Present

Resource implications: None

Course #247 VCC292H5 Topics in Visual Culture and Communication

Resource implications: None

Course #248 VCC309H5 Society and Spectacle

Resource implications: There are no resource implications.

Course #249 VCC392H5 Topics in Visual Culture and Communication

Resource implications: None.

Course #250 VCC420H5 The Visual Culture of Automobility

Resource implications: None.

Course #251 VCC492H5 Topics in Visual Culture and Communication

Resource implications: None.

Course #252 VST410H5 Internship in Visual Studies

Resource implications: None

Course #253 WGS101H5 Introduction to Women and Gender Studies

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #254 WGS102H5 Reading and Writing in Women and Gender Studies

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #255 WGS200Y5 Theories in Women and Gender Studies

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office

Course #256 WGS205H5 Introduction to Feminism and Popular Culture

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #257 WGS210H5 Women, Gender and Labour

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #258 WGS215H5 Introduction to Women, Public Policy and the Law

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #259 WGS250H5 Women in Families

Resource implications: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #260 utm112H5 utmONE: Power of Expression

Resource implications: None

Course #261 utm115H5 utmONE: Communication Among Cultures

Resource implications: None

Course #262 utm116H5 utmONE: Happiness

Resource implications: None

Course #263 utm117H5 utmONE: Individualism, The Development Of An Idea

Resource implications: None

Course #264 utm119H5 utmONE: Lights, Camera, Culture: Exploration of Cinema

Resource implications: None as this would replace an existing offering

Course #265 utm190H5 utmONE Scholars: The Drama of Politics

Resource implications: None

Course #266 utm192H5 utmONE Scholars: Language, Culture, and Mind

Resource implications: None

Course #267 utm193H5 utmONE Scholars: Nations Colliding?

Resource implications: None

Course #268 utm194H5 utmONE Scholars: Religion and Politics

Resource implications: None

Course #269 utm195H5 utmONE Scholars: Curiosity and Control: Voyages of Discovery to North America

Resource implications: None

Course #270 utm196H5 utmONE Scholars: Building Global Justice

Resource implications: None

Deleted Courses

Course #1 HIN212Y5 Introduction to Hindi

Rationale: This course will be changed in to two half courses (HIN211H5, HIN212H5). Thus, the full year course should be deleted from the calendar.

Course #2 LTL227H5 Learning Styles and Strategies in Second Language Acquisition

Rationale: Correct a clerical error - the course was changed to ITA227H last year.

Course #3 PHL145H5 Critical Reasoning

Rationale: This course has been changed to PHL247H5

Renumbered Courses

Course #1 ITA390H5 The New Self and Self-Expression: 19th Century Italian Literature

Before: **ITA397Y5**

After: **ITA390H5**

Rationale: ITA397Y5 hasn't been offered in a number of years and reviving it as a half-credit course would provide more course options for students.

Course #2 ITA391H5 Anxiety and Identity: Modern Italian History Through Literature

Before: **ITA390Y5**

After: **ITA391H5**

Rationale: ITA390Y5 hasn't been offered in a number of years and reviving it as a half-credit course would provide more course options for students.

Course #3 PHL200H5 Ancient Philosophy

Before: **PHL202H5**

After: **PHL200H5**

Rationale: To match course codes with STG course, as well as it makes it in sequence with the other Ancient Philosophy courses.

Course #4 PHL310H5 Topics in 17th and 18th Century Philosophy

Before: **PHL313H5**

After: **PHL310H5**

Rationale: To make this course in sequence with PHL210Y5

Course #5 PHL390H5 Special Topics in Philosophy

Before: **PHL395H5**

After: **PHL390H5**

Rationale: Did not want it to seem as though it was in sequence with the Business Ethics courses

Course #6 PHL410H5 Seminar in 17th and 18th Century Philosophy

Before: **PHL416H5**

After: **PHL410H5**

Rationale: To make it in sequence with PHL210Y5 and PHL310H5.

Reweighted Courses

Course #1 ITA390H5 The New Self and Self-Expression: 19th Century Italian Literature

Before: ***ITA397Y5***

After: ***ITA390H5***

Rationale: ITA397Y5 hasn't been offered in a number of years and reviving it as a half-credit course would provide more course options for students.

Course #2 ITA391H5 Anxiety and Identity: Modern Italian History Through Literature

Before: ***ITA390Y5***

After: ***ITA391H5***

Rationale: ITA390Y5 hasn't been offered in a number of years and reviving it as a half-credit course would provide more course options for students.

Courses - Description Changes

Course #1 CHI201H5 Intermediate High Chinese I

Before: This course is designed for **student** who can speak and understand Chinese in Mandarin or any **dialects** (e.g. Cantonese) to function in daily life but without equivalent reading and writing ability in Chinese. This course will develop students' overall language competence with more focus on reading and writing skills at intermediate high level. **[24L, 12P]**

After: This course is designed for **students** who can speak and understand Chinese in Mandarin or any **dialect** (e.g. Cantonese) to function in daily life but without equivalent reading and writing ability in Chinese. This course will develop students' overall language competence with more focus on reading and writing skills at **the** intermediate high level. **[36L, 12P]**

Rationale: Update hours of instruction.

Course #2 CHI202H5 Intermediate High Chinese II

Before: This course is designed for students who can function in daily life with Chinese. Potential students for this course are able to speak and understand Chinese in some dialects (e.g. Cantonese) or Mandarin; and are able to read and write Chinese (in traditional or simplified script) at intermediate level. This course will introduce Mandarin phonetics, develop and strengthen students' speaking skill in Mandarin as well as improve their competence in reading and writing in Chinese at intermediate high level. **[24L, 12P]**

After: This course is designed for students who can function in daily life with Chinese. Potential students for this course are able to speak and understand Chinese in some dialects (e.g. Cantonese) or Mandarin; and are able to read and write Chinese (in traditional or simplified script) at **the** intermediate level. This course will introduce Mandarin phonetics, develop and strengthen students' speaking skill in Mandarin as well as improve their competence in reading and writing in Chinese at **the** intermediate high level. **[36L, 12P]**

Rationale: Update hours of instruction.

Course #3 CHI203H5 Intermediate Chinese I

Before: ~~This course is designed for student who can speak and understand Chinese in Mandarin or any dialects (e.g. Cantonese) to function in daily life but without equivalent reading and writing ability in Chinese. This course will develop students' overall language competence with more focus on reading and writing skills at intermediate high level. [36L, 12P]~~

After: As a continuation of Introductory Chinese, this course aims at developing students' language comprehension, expanding their vocabulary and grammar, and improving their skills in listening, speaking, reading, writing and translation in Modern Standard Chinese (Mandarin) at intermediate level. The course content is focused on functional topics. [36L, 12P]

Rationale: Modify the description of the course based on the instructional content for this course.

Course #4 CHI204H5 Intermediate Chinese II

Before: ~~This course is designed for students who can function in daily life with Chinese. Potential students for this course are able to speak and understand Chinese in some dialects (e.g. Cantonese) or Mandarin; and are able to read and write Chinese (in traditional or simplified script) at intermediate level. This course will introduce Mandarin phonetics, develop and strengthen students' speaking skill in Mandarin as well as improve their competence in reading and writing in Chinese at intermediate high level. [36L, 12P]~~

After: As the second half of Intermediate Chinese, this course continues to develop students' language comprehension, expand their vocabulary and grammar, and improve their skills in listening, speaking, reading, writing and translation in Modern Standard Chinese (Mandarin) at the intermediate level. The course content is focused on functional topics. [36L, 12P]

Rationale: Modify the description of the course based on the instructional content for this course.

Course #5 CIN206H5 Auteurs

Before: This course will look closely at the work of a single director. Emphasis will be given to the aesthetic, historical, cultural, and philosophical contexts that inform the director's work. We will also tend closely to the style and central preoccupations of

the director under **examination.**

After: This course will look closely at the work of a single director. Emphasis will be given to the aesthetic, historical, cultural, and philosophical contexts that inform the director's work. We will also tend closely to the style and central preoccupations of the director under **examination.**[24L, 12T, 36P]

Rationale:

Course #6 CIN400H5 Topics in Cinema Studies

Before: The course may have a historical, genre, theoretical, auteur, or other focus. Students should contact the Department for the current topic. [24L, 36P]

After: The course may have a historical, genre, theoretical, auteur, or other focus. Students should contact the Department for the current topic. [24S, 36P]

Rationale: We are introducing the Cinema Major Program therefore updating recommended preparation to include all cinema programs.

Course #7 CLA101H5 Introduction to Classical Civilization

Before: An introduction to ancient Greco-Roman civilization that highlights some of the most salient artistic, cultural, historical, and social achievements of these two societies. [24L, 10T]

After: An introduction to ancient Greco-Roman civilization that highlights some of the most salient artistic, cultural, historical, and social achievements of these two societies. [24L, 12T]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #8 CLA204H5 Introduction to Classical Mythology

Before: A survey of the myths and legends of the ancient Greek and Roman Mediterranean world in ancient art and literature. Consideration may also be given to their reception in modern art and literature and some modern theories of myth. [24L, 10T]

After: A survey of the myths and legends of the ancient Greek and Roman Mediterranean world in ancient art and literature. Consideration may also be given to their reception in modern art and literature and some modern theories of myth. [24L, 12T]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #9 CLA230H5 Introduction to Greek History

Before: An introduction to the diverse history of the Greek world, tracing mainly political but also social developments from the Bronze Age of the mid-second millennium BCE to the first century CE. [24L, 10T]

After: An introduction to the diverse history of the Greek world, tracing mainly political but also social developments from the Bronze Age of the mid-second millennium BCE to the first century CE. [24L, 12T]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #10 CLA231H5 Introduction to Roman History

Before: An introduction to the history of Rome, focusing mainly on its political and military history but also tracing the most salient social and cultural developments, from its inconspicuous beginnings in the eighth century BCE to Rome's Mediterranean Empire in the imperial period and its dissolution in the sixth century CE. [24L, 10T]

After: An introduction to the history of Rome, focusing mainly on its political and military history but also tracing the most salient social and cultural developments, from its inconspicuous beginnings in the eighth century BCE to Rome's Mediterranean Empire in the imperial period and its dissolution in the sixth century CE. [24L, 12T]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #11 CLA233H5 Introduction to Roman Culture & Society

Before: An introduction to the cultural and social history of ancient Rome and those living in the Roman world. Topics may vary from year to year but include daily life and demography, the Roman family, gender and sexuality, the Roman political system and the army, religion, Roman entertainments (the circus, gladiatorial games, the theatre), and Latin literature. [24L, 10T]

After: An introduction to the cultural and social history of ancient Rome and those living in the Roman world. Topics may vary from year to year but include daily life and demography, the Roman family, gender and sexuality, the Roman political system and the army, religion, Roman entertainments (the circus, gladiatorial games, the theatre), and Latin literature. [24L, 12T]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #12 CLA235H5 Ancient Visual Culture

Before: An introduction to key aspects of visual culture in Graeco-Roman antiquity: temples, sculpture, vase paintings, wall paintings, theater buildings, funerary art, portraits, inscriptions, celebratory monuments. [24L, 10T]

After: An introduction to key aspects of visual culture in Graeco-Roman antiquity: temples, sculpture, vase paintings, wall paintings, theater buildings, funerary art, portraits, inscriptions, celebratory monuments. [24L, 12T]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #13 CLA237H5 Introduction to Greek Culture & Society

Before: An introduction to the society and culture of the ancient Greek world and those who were in contact with it. Topics may vary from year to year but include daily life and demography, social customs, gender and sexuality, literature, art, as well as religion and religious festivals (such as processions, theatrical performances and athletic competitions such as the Olympic Games). [24L, 10T]

After: An introduction to the society and culture of the ancient Greek world and those who were in contact with it. Topics may vary from year to year but include daily life and demography, social customs, gender and sexuality, literature, art, as well as religion and religious festivals (such as processions, theatrical performances and athletic competitions such as the Olympic Games). [24L, 12T]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #14 EDS100H5 Introduction to Education Studies

Before: This course explores broad social and cultural issues in education. It will address questions about how we advance knowledge, who controls how and what we learn and what role education has in how societies are shaped, changed and reproduced. Students will evaluate the influence education can have on who we are, how we wish to live and what we aspire to as citizens in a global and digital community. This investigation will also consider how language, race, gender, class and culture intersect with teaching and learning.

After: This course explores broad social and cultural issues in education. It will address questions about how we advance knowledge, who controls how and what we learn and what role education has in how societies are shaped, changed and reproduced. Students will evaluate the influence education can have on who we are, how we wish to live and what we aspire to as citizens in a global and digital community. This investigation will also consider how language, race, gender, class and culture intersect with teaching and learning. [24L]

Rationale: Include hours of instruction in the course description.

Course #15 EDS200H5 Child, Adolescent and Adult Development in Education

- Before:** This course focuses on research in human development associated with education. Candidates explore how best to facilitate growth and learning in the area of education and training. This course includes a field experience and entails observation of human development across the various age groups.
- After:** This course focuses on research in human development associated with education. Candidates explore how best to facilitate growth and learning in the area of education and training. This course includes a field experience and entails observation of human development across the various age groups. **[36L]**
- Rationale:** Include hours of instruction in the course description.
-

Course #16 EDS210H5 Communication and Conflict Resolution

- Before:** This course focuses on principles and practices of conflict management and resolution, emphasizing interpersonal communication, including cross-cultural perspectives and communicating across different identities and worldviews, with emphasis on the relevance of these skills, principles and processes to teaching and learning.
- After:** This course focuses on principles and practices of conflict management and resolution, emphasizing interpersonal communication, including cross-cultural perspectives and communicating across different identities and worldviews, with emphasis on the relevance of these skills, principles and processes to teaching and learning. **[36L]**
- Rationale:** Include hours of instruction in the course description.
-

Course #17 EDS220H5 Equity and Diversity in Education

- Before:** This course focuses on raising awareness and sensitivity to equity and diversity issues facing teachers and students in diverse schools and cultural communities. It includes a field experience which entails observation of, and participation in, equity and diversity efforts in a community **organization.**
- After:** This course focuses on raising awareness and sensitivity to equity and diversity issues facing teachers and students in diverse schools and cultural communities. It includes a field experience which entails observation of, and participation in, equity and diversity efforts in a community **organization.[36L]**
- Rationale:** Include hours of instruction in the course description.
-

Course #18 EDS250H5 Indigenous Education

- Before:** This course is open to ~~non-indigenous~~ students from any discipline. Designed to increase opportunities to learn about education through a First Nation, Métis and Inuit perspective, the course will increase knowledge and awareness about pedagogies, learning approaches and educational experiences related to indigenous people living in Canada. In line with indigenous ways of knowing, this course will be structured with learning that involves reflecting on personal actions by looking at ways that indigenous models of education support social and community ~~well-being. Students taking the course will be encouraged to participate in a three-day field trip run in collaboration with the Centre of Student Engagement (Cat Criger) where they will have an opportunity to visit an indigenous First Nation community. [24L]~~
- After:** This course is open to all students from any discipline. Designed to increase opportunities to learn about education through a First Nation, Métis and Inuit perspective, the course will increase knowledge and awareness about pedagogies, learning approaches and educational experiences related to indigenous people living in Canada. In line with indigenous ways of knowing, this course will be structured with learning that involves reflecting on personal actions by looking at ways that indigenous models of education support social and community well-being.[24L]
- Rationale:** Modify the description of the course based on the instructional content for this course.
-

Course #19 EDS300H5 Learning Design

- Before:** This course provides an opportunity to study and practice the fundamental skills involved in designing learning opportunities, in schools and a variety of other settings. The skills required to organize and deliver educational experiences, i.e., lesson and unit planning, will be practiced **throughout** a range of **androgogical and** pedagogical practical experiences. A case studies approach will be taken, incorporating a field experience where students will apply their **learning**
- After:** This course provides an opportunity to study and practice the fundamental skills involved in designing learning opportunities, in schools and a variety of other settings. The skills required to organize and deliver **engaging** educational experiences, i.e., lesson and unit planning, will be practiced **through** a range of pedagogical **and** practical experiences. A case studies approach will be taken, incorporating a field experience where students will apply their **learning. [24L]**

Rationale: Clarify the wording in the course description.

Course #20 EDS310H5 Education in a Global Context

Before: This course allows students to actively explore issues associated with education and culturally proficient teaching/training from both an Ontario and global perspective. The course addresses two phenomena: the marked and deliberate increase in the number of international students at all levels of Ontario's educational system, and the global dispersal of Ontario-trained teachers. A practical experience focusing upon working with international students in a support role will provide a concrete experience to test their classroom content.

After: This course allows students to actively explore issues associated with education and culturally proficient teaching/training from both an Ontario and global perspective. The course addresses two phenomena: the marked and deliberate increase in the number of international students at all levels of Ontario's educational system, and the global dispersal of Ontario-trained teachers. A practical experience focusing upon working with international students in a support role will provide a concrete experience to test their classroom content. **[24L]**

Rationale: Include hours of instruction in the course description.

Course #21 ENG110H5 Narrative

Before: This course **explores** the stories that **are all around us and that** shape our world: traditional literary narratives such as ballads, romances, and novels, and also the kinds of stories we encounter in non-literary contexts such as journalism, movies, myths, jokes, legal judgments, travel writing, histories, songs, diaries, biographies. [24L, 12T]

After: This course **gives students skills for analyzing** the stories that shape our world: traditional literary narratives such as ballads, romances, and novels, and also the kinds of stories we encounter in non-literary contexts such as journalism, movies, myths, jokes, legal judgments, travel writing, histories, songs, diaries, **and** biographies. [24L, 12T]

Rationale: The change updates the description to emphasize the course's emphasis on skill development at a foundational stage in students' programs.

Course #22 ENG238H5 Fantasy Literature

Before: This course focuses on fantasy literature, film, and television, and draws on a wide range of critical, cultural, and theoretical approaches. As it explores the magical and supernatural, it may consider such genres as alternative histories, animal fantasy, epic, fairy tales, magic realism, and swords and sorcery. Authors and texts covered will survey the history of fantasy across American, British, and Canadian literature, and may include Beowulf, Carroll, Gaiman, Le Guin, Lewis, Martin, Ovid, Rowling, Shakespeare, Sir Gawain and the Green Knight, Swift, and Tolkien. [36L]

After: This course focuses on fantasy literature, film, and television, and draws on a wide range of critical, cultural, and theoretical approaches. As it explores the magical and supernatural, it may consider such genres as alternative histories, animal fantasy, epic, fairy tales, magic realism, and swords and sorcery. Authors and texts covered will survey the history of fantasy across American, British, and Canadian literature, and may include Beowulf, **Butler**, Carroll, Gaiman, Le Guin, Lewis, Martin, Ovid, Rowling, Shakespeare, Sir Gawain and the Green Knight, Swift, and Tolkien. [36L]

Rationale: There are no writers of colour on this list of authors: we've added Octavia Butler, who is regularly taught.

Course #23 ENG299Y5 Research Opportunity Program

Before: This course provides a richly rewarding opportunity for students in their second year to work on the research project of a professor. Students enrolled have an opportunity to become involved in original research, learn research methods, and share in the excitement and discovery of **acquiring** new knowledge. Professors' project descriptions for the following fall-winter session are posted on the ROP website in mid-February and students are invited to apply at that time. See Experiential and International Opportunities for more details.

After: This course provides a richly rewarding opportunity for students in their second year to work on the research project of a professor. Students enrolled have an opportunity to become involved in original research, learn research methods, and share in the excitement and discovery of **creating** new knowledge. Professors' project descriptions for the following fall-winter session are posted on the ROP website in mid-February and students are invited to apply at that time. See Experiential and International Opportunities for more details.

Rationale:

Course #24 ENG390Y5 Individual Studies

- Before:** A scholarly project chosen by the student and supervised by a faculty member. The form of the project and the manner of its execution will be determined in consultation with the supervisor. All project proposals must be submitted to the Undergraduate **Advisor by May 15. Proposal forms are available in Room 289, North Bldg. or from the department website.**
- After:** A scholarly project chosen by the student and supervised by a faculty member. The form of the project and the manner of its execution will be determined in consultation with the supervisor. All project proposals must be submitted to the Undergraduate **Advisor, who can provide proposal forms.**
- Rationale:** Changed description so that it no longer mentions a building that has been demolished; and allows students to apply for the course at different points throughout the academic year (which is what happens in practice and which we are happy to support).
-

Course #25 ENG391Y5 Individual Studies (Creative)

- Before:** A project in creative writing chosen by the student and supervised by a faculty member. The form of the project and the manner of its execution will be determined in consultation with the supervisor. All project proposals must be submitted to the Undergraduate Advisor **by May 15. Proposal forms are available in Room 309, Erindale Hall or from the department website.**
- After:** A project in creative writing chosen by the student and supervised by a faculty member. The form of the project and the manner of its execution will be determined in consultation with the supervisor. All project proposals must be submitted to the Undergraduate Advisor **who can provide proposal forms.**
- Rationale:** We have changed the description so that it no longer mentions offices we do not occupy, and we have removed the date of May 15 as students find they want to sign up for this course at different points over the year, and we are happy to support this.
-

Course #26 ENG399Y5 Research Opportunity Program

- Before:** For senior undergraduate students who have developed some knowledge of a discipline and its research methods, this course offers an opportunity to work on the research project of a professor. Students enrolled will become involved in original research, develop their research skills, and share in the excitement and discovery of **acquiring** new knowledge. Professors' project descriptions for the following fall-winter session are posted on the ROP website in mid-February and students are invited to apply at that time. See Experiential and International Opportunities for more details
- After:** For senior undergraduate students who have developed some knowledge of a discipline and its research methods, this course offers an opportunity to work on the research project of a professor. Students enrolled will become involved in original research, develop their research skills, and share in the excitement and discovery of **creating** new knowledge. Professors' project descriptions for the following fall-winter session are posted on the ROP website in mid-February and students are invited to apply at that time. See Experiential and International Opportunities for more details
- Rationale:** We believe our students are knowledge creators - not just passive learners!
-

Course #27 ENG489Y5 Creative Writing Workshop

- Before:** The course allows students to workshop their own creative project/s with the instructor and their peers. Restricted to students who in the opinion of the Department show special aptitude. Detail requirements will **appear on the Department website** in advance of this date. Students should contact the instructor or the Undergraduate Advisor for more information. [48S]
- After:** The course allows students to workshop their own creative project/s with the instructor and their peers. Restricted to students who in the opinion of the Department show special aptitude. Detail requirements will **be posted** in advance of this date. Students should contact the instructor or the Undergraduate Advisor for more information. [48S]
- Rationale:** This clarifies our application process for this course.
-

Course #28 FAH101H5 Introduction to Art History

- Before:** (Formerly FAH202H5) An overview of western art from the ancient world through the 20th century, as well as an introduction to the discipline of art history and its methodologies. Emphasis on representative monuments and key approaches to interpretation. [24L, **12T**]
- After:** (Formerly FAH202H5) An overview of western art from the ancient world through the 20th century, as well as an introduction to the discipline of art history and its methodologies. Emphasis on representative monuments and key

approaches to interpretation. [24L, **12T, 12P**]

Rationale:

Course #29 FAH281H5 An Introduction to Islamic Art and Architecture

Before: This course surveys art and architecture of the Islamic worlds, beginning with the emergence of Islam in the seventh century. It examines works of art ranging from the monumental (palaces, mosques, shrines) to the portable (textiles, jewelry, books), spanning the Islamic world from Spain to Central and East Asia. A range of materials and artistic techniques will be considered, as will several religious and secular contexts and different patterns in patronage and workshop production.

After: This course surveys art and architecture of the Islamic worlds, beginning with the emergence of Islam in the seventh century. It examines works of art ranging from the monumental (palaces, mosques, shrines) to the portable (textiles, jewelry, books), spanning the Islamic world from Spain to Central and East Asia. A range of materials and artistic techniques will be considered, as will several religious and secular contexts and different patterns in patronage and workshop production. **[24L, 12T]**

Rationale: updating hours of instruction.

Course #30 FAH290H5 Topics in Modern Art and Architecture

Before: An examination of a topic in modern art and or architecture. Topics vary from year to year; the content in any given year depends upon the **instructor.**

After: An examination of a topic in modern art and or architecture. Topics vary from year to year; the content in any given year depends upon the **instructor.[24L, 12T]**

Rationale: updating hours of instruction

Course #31 FAH310H5 Curating Matters: Contexts and Issues in Contemporary Curatorial Practice

Before: ~~An introduction to the problematics of exhibition spaces. The course will survey curatorial strategies tailored for the white cube as well as the more unconventional sites invested by curators (such as streets, newspapers, broadcast media, domestic spaces). Students will read key texts and analyze a range of projects/sites (including emerging artist-run centres, museum blockbusters, biennials). Students will visit exhibitions and analyze them critically. [24S]~~

After: This course will introduce students to the major critical texts, theories, and debates circulating in the burgeoning international field of contemporary curatorial studies. The course will include lectures, case studies, practice-related assignments, encounters with artists and art professionals, and student presentations that are intended to raise issues and engage debate about contemporary exhibition practices and account for theoretical perspectives and historical context. One objective of this course is to trouble preconceptions of the role of the curator in order to observe the complexity of curatorial models across and beyond art institutions. The class will address the implications of shifting cultural, social, and political contexts for artistic and curatorial practice and their sites.

Rationale: Updating course description which was omitted in error from updates last year. Change was agreed when the Certificate for Curatorial Studies was introduced.

Course #32 FAH390H5 Topics in Modern Art and Architecture

Before: An examination of a topic in modern art and or architecture. Topics vary from year to year; the content in any given year depends upon the instructor. This will be a lecture course for approximately 30 students.

After: An examination of a topic in modern art and or architecture. Topics vary from year to year; the content in any given year depends upon the instructor. This will be a lecture course for approximately 30 students. **[24S]**

Rationale: updating hours of instruction

Course #33 FAH394H5 Topics in Early Modern Art and Architecture

Before: An in-depth examination of a topic in early modern (Renaissance and/or Baroque) art and/or architecture. Topics vary from year to year, and the content in any given year depends upon the instructor. A seminar course limited to approx. 30 **students.**

After: An in-depth examination of a topic in early modern (Renaissance and/or Baroque) art and/or architecture. Topics vary from year to year, and the content in any given year depends upon the instructor. A seminar course limited to approx. 30

students.[24S]

Rationale: updating hours of instruction.

Course #34 FAH395H5 Topics in Islamic Art and Architecture

Before: An examination of a topic in Islamic art and or architecture. Topics vary from year to year; the content in any given year depends upon the instructor. This will be a lecture course for approximately 30 students.

After: An examination of a topic in Islamic art and or architecture. Topics vary from year to year; the content in any given year depends upon the instructor. This will be a lecture course for approximately 30 students. **[24S]**

Rationale: updating hours of instruction

Course #35 FAH415H5 Theory and Criticism of Photography

Before: Introduces a variety of approaches for interpreting, criticizing, evaluating, and theorizing photographs and photography in general. Examines how the thinking of photography is revisioned via major theoretical **models.**

After: Introduces a variety of approaches for interpreting, criticizing, evaluating, and theorizing photographs and photography in general. Examines how the thinking of photography is revisioned via major theoretical **models.[24S]**

Rationale:

Course #36 FAH424H5 Medieval Collecting and Display

Before: This course examines collections of medieval art assembled during the Middle Ages and today. It considers the formation of collections within religious and secular institutions of the Middle Ages (treasuries), and the ways in which objects entered such collections through diplomacy, war, dowries, wills, and new commissions. It examines how the collections expressed historical memory, family ties, religious ideas, and political ideologies, and how the objects were displayed. The course also examines collections of medieval art in the GTA, including those at the Aga Khan Museum, Art Gallery of Ontario, Royal Ontario Museum, and University of Toronto Art Centre. A variety of methodologies will be explored, including Digital **Humanities.**

After: This course examines collections of medieval art assembled during the Middle Ages and today. It considers the formation of collections within religious and secular institutions of the Middle Ages (treasuries), and the ways in which objects entered such collections through diplomacy, war, dowries, wills, and new commissions. It examines how the collections expressed historical memory, family ties, religious ideas, and political ideologies, and how the objects were displayed. The course also examines collections of medieval art in the GTA, including those at the Aga Khan Museum, Art Gallery of Ontario, Royal Ontario Museum, and University of Toronto Art Centre. A variety of methodologies will be explored, including Digital **Humanities.[24S]**

Rationale:

Course #37 FAH451H5 Curating Now: Turning Concepts into Curatorial Projects

Before: ~~This~~ course will ~~consider~~ the multi-level preparatory stages entailed in the mounting of ~~an exhibition~~, placing particular emphasis on ~~conceptualization~~, and on the premise that curatorial practice is an intellectual endeavour that manifests its ideas in form. ~~Contemporary issues (at local, national, and international levels) in curatorial practice will be critically examined.~~ Students will ~~research~~ and ~~produce their own exhibitions (hypothetical or actual) with attendant textual documentation.[36S]~~ FAH451H5 may be counted toward either the FAH or the FAS requirements in the Art and Art History program.

After: Students will research and develop a curatorial project proposal in the form of an exhibition, a public installation, a public event, a performance, a website, etc., as the culminating assignment for the course. The emphasis of the course will be on the application of knowledge gained in FAH310 and consideration of the multi-level preparatory stages entailed in the mounting of a curatorial project, placing particular emphasis on conceptualization and methodology, and on the premise that curatorial practice is an intellectual endeavour that manifests its ideas in form. Students will learn how to turn a concept into a project proposal and become equipped to develop innovative solutions to future challenges in curatorial practice.[36S] FAH451H5 may be counted toward either the FAH or the FAS requirements in the Art and Art History program.

Rationale: Updating course description which was omitted in error from curriculum updates last year. Change was agreed when the Certificate for Curatorial Studies was introduced.

Course #38 FAH472H5 Early Modern Mobile Objects

Before: This course concerns the global circulation of objects or things in the early modern world (ca. 1500-1700) when new trade routes brought about an unprecedented mobilization of artifacts of visual culture, foodstuffs and other goods. We will be concerned with the manifold appearances of uprooted objects, new arrangements, and the invisible layers of skill, materials, and manufacture that resulted from heightened exchange. Objects of study will range broadly: porcelain, tableware and foodstuffs, screens and silver, naturalia and their elaborate mounts, miniatures, prints and books, paintings (Dutch Still Life, Las Meninas) which put the world of things on **display**.

After: This course concerns the global circulation of objects or things in the early modern world (ca. 1500-1700) when new trade routes brought about an unprecedented mobilization of artifacts of visual culture, foodstuffs and other goods. We will be concerned with the manifold appearances of uprooted objects, new arrangements, and the invisible layers of skill, materials, and manufacture that resulted from heightened exchange. Objects of study will range broadly: porcelain, tableware and foodstuffs, screens and silver, naturalia and their elaborate mounts, miniatures, prints and books, paintings (Dutch Still Life, Las Meninas) which put the world of things on **display**.**[24S]**

Rationale:

Course #39 FAH495H5 Topics in Islamic Art and Architecture

Before: An examination of a topic in Islamic art and or architecture. Topics vary from year to year; the content in any given year depends upon the instructor. This will be a lecture course for approximately 20 **students**.

After: An examination of a topic in Islamic art and or architecture. Topics vary from year to year; the content in any given year depends upon the instructor. This will be a lecture course for approximately 20 **students**.**[24S]**

Rationale:

Course #40 FAH498H5 Topics in Curatorial Studies

Before: An in-depth examination of a topic in Curatorial Studies. Topics vary from year to year, and the content in any given year depends upon the instructor. A seminar course limited to 20 students. FAH498H5 may be counted toward the Curatorial Studies Certificate.

After: An in-depth examination of a topic in Curatorial Studies. Topics vary from year to year, and the content in any given year depends upon the instructor. A seminar course limited to 20 students. **[24S]** FAH498H5 may be counted toward the Curatorial Studies Certificate.

Rationale:

Course #41 FRE280Y5 Language Practice: Written

Before: ~~Improvement of the four language skills (writing, reading, listening and speaking) for students specializing in French studies at the university.~~ [48L, 24T]

After: This course develops writing skills at an intermediate level in the areas of vocabulary, grammar and style. Emphasis will be put on practice and error correction. [48L, 24T]

Rationale: The new description reflects the fact that the course now focuses on developing writing skills.

Course #42 FRE372H5 The French Language through Space and Time I

Before: A study of the nature and pattern of change from Latin to Medieval French. The course will focus on the place of the French language among the languages of the world and on chronological development of French from its beginnings to the 15th century with special attention to the evolution of sounds, forms and word order. Topics will cover the emergence of Romance languages from Vulgar Latin as well as the Celtic, Germanic and Scandinavian **influences** on the formation of the French language. A close study of texts dating from the **ninth** to the 15th century **up** will be included. The course touches upon history, historical linguistics, socio-linguistics and French literature. [12L, 12T]

After: A study of the nature and pattern of change from Latin to Medieval French. The course will focus on the place of the French language among the languages of the world and on chronological development of French from its beginnings to the 15th century with special attention to the evolution of sounds, forms and word order. Topics will cover the emergence of Romance languages from Vulgar Latin as well as the Celtic, Germanic and Scandinavian **influences** on the formation of the French language. A close study of texts dating from the **9th** to the 15th century will be included. The course touches upon history, historical linguistics, socio-linguistics and French literature. [12L, 12T]

Rationale: The new description reflects course content more accurately.

Course #43 FRE397H5 Colonialism and Post-colonialism in French Cinema

- Before:** A study of a selection of films from Francophone ~~countries~~, for ~~instance, France, Quebec, Burkina Faso, Senegal~~. [24L, 24T]
- After:** A study of a selection of films from Francophone countries focusing on the history and ideological background of the French colonization of various regions - for instance North Africa, Sub-Saharan Africa, and the Far East - and of the consequences of colonialism for modern France. [24L, 24T]
- Rationale:** The new description reflects course content more accurately.
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Course #44 FSL105H5 Functional French-Novice

- Before:** The objective of this course, which serves as a starting point in our series of FSL courses, is to introduce students to the phonetic system of the French language, to teach basic vocabulary and to develop awareness of the functions of language in different situations and contexts. [36L, 12P]
- After:** The objective of this course, which serves as a starting point in our series of FSL courses, is to introduce students to the phonetic system of the French language, to teach basic vocabulary and to develop awareness of the functions of language in different situations and contexts. **An awareness of various francophone cultures and communities will be developed.** [36L, 12P]
- Rationale:** The new description reflects course content more accurately.
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Course #45 FSL106H5 Functional French-Advanced Beginner

- Before:** Through the use of teaching materials adapted to their level, **our** students will continue to develop their linguistics abilities and to use them in **specific** situations. For instance, **they** will learn how to ask for information, how to refuse or accept an offer. On completion of this course, a linguistic system of basic but useful structures will have been assimilated. [36L, 12P]
- After:** Through the use of teaching materials adapted to their level, students will continue to develop their linguistics abilities and to use them in **specific** situations. For instance, **students** will learn how to ask for information, how to refuse or accept an offer. On completion of this course, a linguistic system of basic but useful structures will have been assimilated. **An awareness of various francophone cultures and communities will be developed.** [36L, 12P]
- Rationale:** The new description reflects course content more accurately.
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Course #46 FSL205Y5 Functional French-Intermediate

- Before:** Course will focus on nuancing acquired oral and written skills and on further developing their **fluency** and accuracy through the production and understanding of increasingly complex sentences and messages, **refined** and broadened lexical forms and expressions, and the development of discourse-oriented abilities to create meaning. Students will learn to participate in broader interpersonal interactions and to communicate emotion, opinion, value, and abstraction, while using some idiomatic expressions and a greater breadth and subtlety of vocabulary. [72L, 24P]
- After:** Course will focus on nuancing acquired oral and written skills and on further developing their **fluency** and accuracy through the production and understanding of increasingly complex sentences and messages, **refined** and broadened lexical forms and expressions, and the development of discourse-oriented abilities to create meaning. Students will learn to participate in broader interpersonal interactions and to communicate emotion, opinion, value, and abstraction, while using some idiomatic expressions and a greater breadth and subtlety of vocabulary. **An awareness of various francophone cultures and communities will be developed.** [72L, 24P]
- Rationale:** The new description reflects course content more accurately.
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Course #47 FSL305Y5 Functional French-High Intermediate

- Before:** Course will focus on analyzing and synthesizing information, comparing and reformulating types of discourse, developing **fluency** and spontaneity, accuracy and complexity in **proficiently** discussing or writing about current and cultural affairs and contentious topics, using different registers and tone in a broad range of situations as well as documents encountered in daily life. Formerly **FSL 305H** and **FSL 306H**. [72L, 24P]
- After:** Course will focus on analyzing and synthesizing information, comparing and reformulating types of discourse, developing

fluency and spontaneity, accuracy and complexity in **proficiently** discussing or writing about current and cultural affairs and contentious topics, using different registers and tone in a broad range of situations as well as documents encountered in daily life. **An awareness of various francophone cultures and communities will be developed.** Formerly **FSL305H** and **FSL306H**. [72L, 24P]

Rationale: The new description reflects course content more accurately.

Course #48 FSL405H5 Functional French-Advanced I

Before: Course will focus on developing both oral and written skills in the production and understanding of complex discourse (including organization, cohesion, nuanced lexical forms and expressions) in order to participate in varied, sustained and unscripted situations. Formerly FSL385H5. [24L, 12P]

After: Course will focus on developing both oral and written skills in the production and understanding of complex discourse (including organization, cohesion, nuanced lexical forms and expressions) in order to participate in varied, sustained and unscripted situations. **An awareness of various francophone cultures and communities will be developed.** Formerly FSL385H5. [24L, 12P]

Rationale: The new description reflects course content more accurately.

Course #49 FSL406H5 Functional French-Advanced II

Before: Students will focus on developing both oral and written skills in the production and understanding of complex discourse (including organization, cohesion, nuanced lexical forms and expressions) in order to initiate and sustain varied and unscripted exchanges. Formerly **FSL 386H5**. [24L, 12P]

After: Students will focus on developing both oral and written skills in the production and understanding of complex discourse (including organization, cohesion, nuanced lexical forms and expressions) in order to initiate and sustain varied and unscripted exchanges. **An awareness of various francophone cultures and communities will be developed.** Formerly **FSL386H5**. [24L, 12P]

Rationale: The new description reflects course content more accurately.

Course #50 HIN211H5 Introductory Hindi I

Before: This course is for **the** students with **no** prior **knowledge** of Hindi language. Students will learn to read and write Hindi in Devanagari script with basic rules of Hindi grammar. Introduction to phonology, grammar, syntax of **the** modern **Hindi language**; emphasis on basic writing and reading.

After: This course is for students with **no** prior **knowledge** of **the** Hindi language. Students will learn to read and write Hindi in Devanagari script with basic rules of Hindi grammar. Introduction to phonology, grammar, syntax of modern **Hindi**; emphasis on basic writing and reading. **[24L, 24P]**

Rationale: HIN212Y is suggested to change into two H courses. Each half a course has specific learning objectives, which will be reflected in a new description.

Course #51 HIN212H5 Introductory Hindi II

Before: This course focuses on further **development of** grammatical structures from HIN211H and continues to next level of Hindi grammar. Students will be introduced to **the** vocabulary to advance their speaking and writing skills with basic rules of Hindi **grammar**.

After: This course focuses on further **developing** grammatical structures from HIN211H and continues to **the** next level of Hindi grammar. Students will be introduced to vocabulary to advance their speaking and writing skills with basic rules of Hindi **grammar**. **[24L, 24P]**

Rationale: HIN212Y is suggested to change into two H courses. Each half a course has specific learning objectives, which will be reflected in a new description.

Course #52 HIS101H5 Introduction to History

Before:

This writing-intensive course introduces students to world history as well as to the research and writing skills that are part of the historian's craft. [24L, **10T**]

After: This writing-intensive course introduces students to world history as well as to the research and writing skills that are part of the historian's craft. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #53 HIS200H5 Topics in History

Before: An in-depth examination of historical issues. Content in any given year depends on instructor. See Department of Historical Studies web site at <https://www.utm.utoronto.ca/historical-studies/students/courses/topic-courses> for details. [24L, **10T**]

After: An in-depth examination of historical issues. Content in any given year depends on instructor. See Department of Historical Studies web site at <https://www.utm.utoronto.ca/historical-studies/students/courses/topic-courses> for details. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #54 HIS201H5 Introduction to Middle Eastern History

Before: An introduction to the history of Islamic culture from its beginnings to modern times. [24L, **10T**]

After: An introduction to the history of Islamic culture from its beginnings to modern times. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #55 HIS203H5 The Making of the Atlantic World (1000-1800)

Before: An introduction to African, European, and American peoples around and across the Atlantic Ocean between 1000 and 1800. Themes include ideologies and practices of exploration, conquest, and colonization; perceptions and misunderstandings; forced and voluntary migration; effects of disease; resistance and revolt; and the "Atlantic World" as a field of study. [24L, **10T**]

After: An introduction to African, European, and American peoples around and across the Atlantic Ocean between 1000 and 1800. Themes include ideologies and practices of exploration, conquest, and colonization; perceptions and misunderstandings; forced and voluntary migration; effects of disease; resistance and revolt; and the "Atlantic World" as a field of study. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #56 HIS204H5 History Of The Ottoman Empire, 1299-1923

Before: This course provides an overview of the history of the Ottoman Empire, the longest lasting Muslim superpower and a major player in world history, from its inception in 1299 until its dissolution after World War I. Among current members of the United Nations, close to 40 member states were, for periods ranging from 50 to 600 years, integral parts of the Ottoman state. Present-day conflicts in political hot-spots, such as the Middle East, Bosnia, Kosovo, Cyprus and the Caucasus can only be understood through exploring their origin in the Ottoman past. At the same time in many cases the Ottoman Empire was an example of tolerance and accommodation of various ethnic and religious groups. [24L, **10T**]

After: This course provides an overview of the history of the Ottoman Empire, the longest lasting Muslim superpower and a major player in world history, from its inception in 1299 until its dissolution after World War I. Among current members of the United Nations, close to 40 member states were, for periods ranging from 50 to 600 years, integral parts of the Ottoman state. Present-day conflicts in political hot-spots, such as the Middle East, Bosnia, Kosovo, Cyprus and the Caucasus can only be understood through exploring their origin in the Ottoman past. At the same time in many cases the Ottoman Empire was an example of tolerance and accommodation of various ethnic and religious groups. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has

decided to require that tutorials meet all 12 weeks.

Course #57 HIS214H5 Comparative Genocide

- Before:** What are the historical circumstances through which mass killings emerge? An introduction to the history of genocide in comparative perspective, with an emphasis on the 20th century case studies. Course themes include denial and forgetting; justice and truth; and public memory. [24L, **10T**]
- After:** What are the historical circumstances through which mass killings emerge? An introduction to the history of genocide in comparative perspective, with an emphasis on the 20th century case studies. Course themes include denial and forgetting; justice and truth; and public memory. [24L, **12T**]
- Rationale:** Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
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Course #58 HIS221H5 Themes in Medieval History

- Before:** This course is a brief survey of European history from the late Roman Empire to the fifteenth century emphasizing select themes that created the shape of medieval civilization and influenced developments in subsequent centuries. [24L, **10T**]
- After:** This course is a brief survey of European history from the late Roman Empire to the fifteenth century emphasizing select themes that created the shape of medieval civilization and influenced developments in subsequent centuries. [24L, **12T**]
- Rationale:** In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.
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Course #59 HIS222H5 Eastern Europe Since 1815

- Before:** The course will provide a historical overview of the lands, peoples and states of Eastern Europe roughly encompassing the band of countries stretching from today's Poland to the Balkans from 1815 to the present. In addition to providing insight into the major historical events and developments, it will also raise and debate some of the following larger questions: does the name Eastern Europe mean more than a geographic concept, how were its experiences different or similar to those of the rest of Europe or other parts of the world, how did the histories of the various states and communities within the region resemble or differ, and how was the region significant for European and world history. [24L, **10T**]
- After:** The course will provide a historical overview of the lands, peoples and states of Eastern Europe roughly encompassing the band of countries stretching from today's Poland to the Balkans from 1815 to the present. In addition to providing insight into the major historical events and developments, it will also raise and debate some of the following larger questions: does the name Eastern Europe mean more than a geographic concept, how were its experiences different or similar to those of the rest of Europe or other parts of the world, how did the histories of the various states and communities within the region resemble or differ, and how was the region significant for European and world history. [24L, **12T**]
- Rationale:** Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
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Course #60 HIS230H5 Introduction to European History 1300-1815

- Before:** European history from the late Middle Ages to the end of the Napoleonic Wars, emphasizing the major political, cultural, economic and social changes that created early modern Europe. [24L, **10T**]
- After:** European history from the late Middle Ages to the end of the Napoleonic Wars, emphasizing the major political, cultural, economic and social changes that created early modern Europe. [24L, **12T**]
- Rationale:** Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
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Course #61 HIS236H5 Introduction to British History

- Before:** An introduction to some of the major themes of British history and civilization from the late seventeenth century. This includes - the emergence of industrial society, evangelical humanitarianism, parliamentary democracy, foreign and imperial issues such as the "Eastern Question", Victorianism, the "Irish Question", trade unionism, and war and society. [24L, **10T**]

After: An introduction to some of the major themes of British history and civilization from the late seventeenth century. This includes - the emergence of industrial society, evangelical humanitarianism, parliamentary democracy, foreign and imperial issues such as the "Eastern Question", Victorianism, the "Irish Question", trade unionism, and war and society. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #62 HIS241H5 Introduction to 19th-Century European History

Before: An introduction to the principal themes of western European history from the French Revolution to the 1890's. [24L, **10T**]

After: An introduction to the principal themes of western European history from the French Revolution to the 1890's. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #63 HIS242H5 Introduction to Contemporary European History

Before: The evolution of European politics, culture, and society from 1890: the origins and consequences of the two world wars, the Bolshevik Revolution and Stalinism, Fascism and Nazism, the post-1945 reconstruction and division of Europe. This course is essentially a continuation of HIS241H5. [24L, **10T**]

After: The evolution of European politics, culture, and society from 1890: the origins and consequences of the two world wars, the Bolshevik Revolution and Stalinism, Fascism and Nazism, the post-1945 reconstruction and division of Europe. This course is essentially a continuation of HIS241H5. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #64 HIS250H5 Introduction to Russian History

Before: An introductory survey that examines the political, social, and cultural developments that shaped the Russian empire from the settlement of Kiev in the 9th century to the collapse of the Romanov dynasty in 1917. [24L, **10T**]

After: An introductory survey that examines the political, social, and cultural developments that shaped the Russian empire from the settlement of Kiev in the 9th century to the collapse of the Romanov dynasty in 1917. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #65 HIS263Y5 The History of Canada

Before: This survey of Canadian history examines Indigenous societies and their interactions with the Europeans who began visiting the region in the sixteenth century; European claims to sovereignty over First Nations lands; generations of migrants; and twentieth century topics such as social movements, the nation at war, popular culture, and issues of Canadian **identity**.

After: This survey of Canadian history examines Indigenous societies and their interactions with the Europeans who began visiting the region in the sixteenth century; European claims to sovereignty over First Nations lands; generations of migrants; and twentieth century topics such as social movements, the nation at war, popular culture, and issues of Canadian **identity**. [48L, **24T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 20T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 24 weeks.
Clarification of contact hours.

Course #66 HIS271H5 US History, Colonial Era to 1877

- Before:** A survey of the main developments and themes of U.S. history from the colonial period to the end of Reconstruction. [24L, **10T**]
- After:** A survey of the main developments and themes of U.S. history from the colonial period to the end of Reconstruction. [24L, **12T**]
- Rationale:** Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
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Course #67 HIS272H5 US History, 1877-present

- Before:** How did the US move from the Civil War to a world power? What have been the tensions between national ideals of "liberty for all" and US market expansion? Topics covered include: Jim Crow South; immigration and urbanization; Populism and the Progressivism; consumerism; many wars; post-45 social movements; Reaganism and after. [24L, **10T**]
- After:** How did the US move from the Civil War to a world power? What have been the tensions between national ideals of "liberty for all" and US market expansion? Topics covered include: Jim Crow South; immigration and urbanization; Populism and the Progressivism; consumerism; many wars; post-45 social movements; Reaganism and after. [24L, **12T**]
- Rationale:** Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
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Course #68 HIS282H5 Introduction to South Asian History

- Before:** A critical introduction to the main themes and questions defining South Asian history from its beginnings to the present. Emphasis will be placed particularly on the period after the 1750s, which saw the emergence of British imperialism, anti-colonial struggles, and the formation of new nation states after 1947. [24L, **10T**]
- After:** A critical introduction to the main themes and questions defining South Asian history from its beginnings to the present. Emphasis will be placed particularly on the period after the 1750s, which saw the emergence of British imperialism, anti-colonial struggles, and the formation of new nation states after 1947. [24L, **12T**]
- Rationale:** Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
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Course #69 HIS284H5 Introduction to East Asian History

- Before:** A survey of East Asian civilization and history from antiquity to modernity. It particularly explores the interrelations of Chinese, Japanese, and Korean cultural and political development. [24L, **10T**]
- After:** A survey of East Asian civilization and history from antiquity to modernity. It particularly explores the interrelations of Chinese, Japanese, and Korean cultural and political development. [24L, **12T**]
- Rationale:** Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
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Course #70 HIS285H5 Politics of Asian Pacific War Memories

- Before:** This course examines how Japan, China, Taiwan, Korea and the US try to remember the Asian Pacific War. It focuses particularly on the bitterly contested representations of war atrocities such as the Nanjing Massacre, the comfort women system, and the bombings of Hiroshima and Nagasaki. [24L, **10T**]
- After:** This course examines how Japan, China, Taiwan, Korea and the US try to remember the Asian Pacific War. It focuses particularly on the bitterly contested representations of war atrocities such as the Nanjing Massacre, the comfort women system, and the bombings of Hiroshima and Nagasaki. [24L, **12T**]
- Rationale:** Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
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Course #71 HIS290H5 Introduction to Latin American History

- Before:** An introduction to the history of Latin America from pre-conquest indigenous empires to the end of the 20th century. Lectures, films, readings, and tutorials explore a set of themes in historical context: nationalism, authoritarianism, religion, racism, patriarchy, and Latin America's multiple interactions with the outside world. [24L, **10T**]
- After:** An introduction to the history of Latin America from pre-conquest indigenous empires to the end of the 20th century. Lectures, films, readings, and tutorials explore a set of themes in historical context: nationalism, authoritarianism, religion, racism, patriarchy, and Latin America's multiple interactions with the outside world. [24L, **12T**]
- Rationale:** Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
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Course #72 HIS295H5 Introduction to African History

- Before:** A survey of African civilization and history from antiquity to modernity. The course also examines the transformation of Africa from colonial domination to postcolonial states, social movements, and ideologies. [**24L,10T**]
- After:** A survey of African civilization and history from antiquity to modernity. The course also examines the transformation of Africa from colonial domination to postcolonial states, social movements, and ideologies. [**24L,12T**]
- Rationale:** Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
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Course #73 ITA221H5 Modern Italian Literature I

- Before:** (Offered in Italian) An introduction to twentieth-century Italian literature through a study of representative nouvelle, shorter works of fiction, plays and poetry.
- After:** (Offered in Italian) An introduction to twentieth-century Italian literature through a study of representative nouvelle, shorter works of fiction, plays and poetry. [**24L**]
- Rationale:** Include hours of instruction in the course description.
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Course #74 ITA222H5 Modern Italian Literature II

- Before:** (Offered in Italian). A continuation of the study of twentieth-century Italian literature through representative works of fiction, plays and poetry. Selections will include writings by Moravia, Calvino, and **others**.
- After:** (Offered in Italian). A continuation of the study of twentieth-century Italian literature through representative works of fiction, plays and poetry. Selections will include writings by Moravia, Calvino, and **others**. [**24L**]
- Rationale:** Include hours of instruction in the course description.
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Course #75 ITA255Y5 "Fa 'na bona jobba!" - The Italian Canadian Experience

- Before:** (Offered in English) A linguistically and historically defined portrait of Italian immigration through a study of significant writings by and about **them** in literature and theatre. [**24L, 24T**]
- After:** (Offered in English) A linguistically and historically defined portrait of Italian immigration through a study of significant writings by and about **migrants** in literature and theatre. [**48L**]
- Rationale:** Clarify the course description and update hours of instruction.
-

Course #76 ITA342H5 Post War Italian Cinema I: Mastering Neorealism

- Before:** (Offered in English) An analysis of the neorealist period in Italian cinema, and its relation to the political and social climate of post-war Italy. Screenings will include selections from the major exponents of Italian neorealism: Visconti, Rossellini, and De Sica. Attention will also be given to Italian Holocaust cinema, cinematic adaptations, and Italian neorealist literature, in general.
- After:** (Offered in English) An analysis of the neorealist period in Italian cinema, and its relation to the political and social climate of post-war Italy. Screenings will include selections from the major exponents of Italian neorealism: Visconti, Rossellini, and De Sica. Attention will also be given to Italian Holocaust cinema, cinematic adaptations, and Italian neorealist literature, in general. [**24L, 24T**]
- Rationale:** Include hours of instruction in the course description.
-

Course #77 ITA343H5 Post War Italian Cinema II: Moving Beyond Neorealism

- Before:** (Offered in English) An examination of the evolution of Italian cinematic neorealism and its revisitations in the early films of Antonioni, Comencini, Fellini, Pasolini, and others. Attention will also be paid to Italian Holocaust cinema, Italian comedies, and cinematic adaptations.
- After:** (Offered in English) An examination of the evolution of Italian cinematic neorealism and its revisitations in the early films of Antonioni, Comencini, Fellini, Pasolini, and others. Attention will also be paid to Italian Holocaust cinema, Italian comedies, and cinematic adaptations. **[24L, 24T]**
- Rationale:** Include hours of instruction in the course description.
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Course #78 ITA376H5 Best Practices in Italian Teaching and Learning

- Before:** ~~Recreational linguistics embraces all types of word games: acrostics, mesostichs, search-a-word, crossword puzzles, acronyms, riddles, intruders, rebus, etc. To these will be added the use of proverbs, idiomatic expressions and the use of humour. Examples of ludolinguistica will be used to teach and expand basic vocabulary. Students will be encouraged to create their own activities to emphasize the language skills and will prepare activities which promote communication in and outside the classroom scene. Open to all students. Students enrolled in the Italian Major (ERMAJ 2524) or Specialist (ERSPE 2524) can only use this course as an elective towards program requirements. [24L]~~
- After:** (Offered in English/Italian) This course provides an overview of the development of different methodologies of L2 teaching, in Italy and in the world. Particular attention will be given to the teaching implications introduced by ACTFL and the CEFR, which harness students pragmatic, real-world language skills. Students will also explore the characteristics of various methodologies by creating their own teaching materials (curriculum, lesson plans, methods of assessment, etc.).[24L]
- Rationale:** Modify the title and the description of the course based on the instructional content for this course.
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Course #79 ITA390H5 The New Self and Self-Expression: 19th Century Italian Literature

- Before:** (Offered in ~~English/Italian~~) ~~Examination of personal and social themes~~ in the poetry of the Romantics, especially Leopardi, and in the novels of Manzoni, Verga and ~~others~~. [48L]
- After:** (Offered in Italian) Amidst the emergence of new social consciences and technologies, fundamental notions of self, gender and society are reexamined in the poetry of the Romantics, especially Leopardi, and in the novels of Manzoni, Verga and the works of the first Italian woman recipient of the Nobel Prize for Literature, Grazia Deledda. [48L]
- Rationale:** ITA397Y5 hasn't been offered in a number of years and reviving it as a half-credit course would provide more course options for students.
-

Course #80 ITA391H5 Anxiety and Identity: Modern Italian History Through Literature

- Before:** Masterpieces of modern Italian fiction analyzed against the background of modern-day **Italy**. Works to be read include novels by Svevo, Vittorini, **Silone**, Moravia, **Pavese**. [48L]
- After:** **(Offered in Italian)** Masterpieces of modern Italian fiction analyzed against the background of modern-day **Italy, with a focus on issues of national and individual identity**. Works to be read include novels by **authors such as** Svevo, Vittorini, **Saba, Pasolini**, Moravia, **Pavese and Aleramo**. [48L].
- Rationale:** ITA390Y5 hasn't been offered in a number of years and reviving it as a half-credit course would provide more course options for students.
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Course #81 ITA450H5 Advanced Italian

- Before:** (Offered in Italian) This course provides students with advanced language practice. Particular emphasis will be given to improving oral proficiency, including pronunciation. Students will acquire nuances and subtleties of the language that will allow them to express themselves more freely in Italian. By the end of the course, students will be able to engage with more facility in the country of study and with other speakers of the language. **[36L]**
- After:** (Offered in Italian) This course provides students with advanced language practice. Particular emphasis will be given to improving oral proficiency, including pronunciation. Students will acquire nuances and subtleties of the language that will allow them to express themselves more freely in Italian. By the end of the course, students will be able to engage with more facility in the country of study and with other speakers of the language. **[24L, 12P]**

Rationale: Correction to the hours of instruction.

Course #82 LIN271Y5 Introduction to Sanskrit

Before: This course introduces students to the basic grammar of classical Sanskrit. Students will engage with its phonology (including pronunciation, sandhi, and metrics) and morphology (including word formation, nominal declension and verbal conjugation, and dissolving compounds). Students will apply their grammatical knowledge and analytic skills to the reading of basic Sanskrit texts. By the end of the course, students will be able to read simple, narrative Sanskrit. This course is cross-listed with SAN291Y5 and can be used to count toward the Major Program's Language Requirement.

After: This course introduces students to the basic grammar of classical Sanskrit. Students will engage with its phonology (including pronunciation, sandhi, and metrics) and morphology (including word formation, nominal declension and verbal conjugation, and dissolving compounds). Students will apply their grammatical knowledge and analytic skills to the reading of basic Sanskrit texts. By the end of the course, students will be able to read simple, narrative Sanskrit. This course is cross-listed with SAN291Y5 and can be used to count toward the Major Program's Language Requirement. **[72L, 24P]**

Rationale: Added number of hours of instruction in course description.

Course #83 LIN279Y5 A Language Unlocked

Before: Introduction to the fundamentals of grammar and usage in context of an understudied language. The language offered will vary from year-to-year, and may include American Sign Language, an Indigenous language of Canada, or an extinct or endangered language. This course can be used to count toward the Major Program's Language **Requirement.**

After: Introduction to the fundamentals of grammar and usage in context of an understudied language. The language offered will vary from year-to-year, and may include American Sign Language, an Indigenous language of Canada, or an extinct or endangered language. This course can be used to count toward the Major Program's Language **Requirement.[24L, 12P]**

Rationale: Added number of hours of instruction in course description.

Course #84 LIN327H5 Speech Perception

Before: For human listeners, understanding speech seems automatic and effortless, even when confronted with diverse talkers and many different communicative contexts. However, the underlying processes by which we perform this task are not well understood. This course covers the fundamentals of speech perception, discussing how it is shaped by a combination of linguistic, auditory, and cognitive influences. Through laboratory exercises, students will replicate classic experimental findings and gain hands-on experience with data **analysis.**

After: For human listeners, understanding speech seems automatic and effortless, even when confronted with diverse talkers and many different communicative contexts. However, the underlying processes by which we perform this task are not well understood. This course covers the fundamentals of speech perception, discussing how it is shaped by a combination of linguistic, auditory, and cognitive influences. Through laboratory exercises, students will replicate classic experimental findings and gain hands-on experience with data **analysis.[24L, 12P]**

Rationale: Correct a typo.

Course #85 LIN357H5 English Worldwide

Before: The best estimate of linguists suggests that English is spoken (natively and non-natively) by around one billion people today. This makes it the most widely spoken language in the world. Within this language exists a high degree of global dialect diversity. In this course, we will examine the structure and history of Englishes around world including British, North American, Antipodean, Caribbean, African, and Asian varieties. Students will also consider structural and sociolinguistic issues associated with English as a global language including creolization, post-creolization, the diffusion of innovation, language policy, and the linguistic effects of colonialism.

After: The best estimate of linguists suggests that English is spoken (natively and non-natively) by around one billion people today. This makes it the most widely spoken language in the world. Within this language exists a high degree of global dialect diversity. In this course, we will examine the structure and history of Englishes around world including British, North American, Antipodean, Caribbean, African, and Asian varieties. Students will also consider structural and sociolinguistic issues associated with English as a global language including creolization, post-creolization, the diffusion of innovation, language policy, and the linguistic effects of colonialism. **[24L, 12T]**

Rationale: Added number of hours of instruction in course description.

Course #86 LIN388H5 Bilingualism and Multiple Language Acquisition

- Before:** This course examines simultaneous and successive second (and multiple) language acquisition by children. We will look at such topics as the bilingual brain, the nature of the input, age constraints on language acquisition, language separation and cross-linguistic influences, schooling in a second **language**, and various methods used in the study of bilingualism in **individuals**. Suggested companion course: FRE325H5. (Formerly LIN358H5). [24L, 12T]
- After:** This course examines simultaneous and successive second (and multiple) language acquisition by children. We will look at such topics as the bilingual brain, the nature of the input, age constraints on language acquisition, language separation and cross-linguistic influences, schooling in a second **language (for example French immersion programs)**, and various methods used in the study of bilingualism in **individuals. Bilingual/multilingual corpora containing French as one of the languages will be examined.** Suggested companion course: FRE325H5. (Formerly LIN358H5). [24L, 12T]
- Rationale:** the addition of two sentences specifying in more detail the content of the course so as to add a slight emphasis on French bilingual content, which corresponds to the actual course content.
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Course #87 LIN421H5 Speaking and Hearing with an Accent

- Before:** Much of linguistic theory assumes the existence of an ideal speaker/hearer of a given language. However, in the real world, particularly in linguistically diverse communities such as the GTA, there is an enormous amount of variability driven by differences in language background, regional affiliation, and social factors. This course examines the many factors contributing to accentedness, and how listeners adapt their perception when confronted with different accents. It also explores how models of language development, processing, and production account for accent-related variability.
- After:** Much of linguistic theory assumes the existence of an ideal speaker/hearer of a given language. However, in the real world, particularly in linguistically diverse communities such as the GTA, there is an enormous amount of variability driven by differences in language background, regional affiliation, and social factors. This course examines the many factors contributing to accentedness, and how listeners adapt their perception when confronted with different accents. It also explores how models of language development, processing, and production account for accent-related variability. **[24L]**
- Rationale:** Added number of hours of instruction in course description.
-

Course #88 LIN458H5 Analyzing Sociolinguistic Variation

- Before:** All languages, in all linguistic domains, exhibit variation - more than one way of saying the same thing. This variation is not random but dependent on various linguistic, social, and cognitive conditioning factors. This course explores the theory and practice of analyzing such sociolinguistic variation. Students will receive hands-on instruction in fieldwork methods for collecting natural speech data and quantitative methods for analyzing patterns in that data. **[24L]**
- After:** All languages, in all linguistic domains, exhibit variation - more than one way of saying the same thing. This variation is not random but dependent on various linguistic, social, and cognitive conditioning factors. This course explores the theory and practice of analyzing such sociolinguistic variation. Students will receive hands-on instruction in fieldwork methods for collecting natural speech data and quantitative methods for analyzing patterns in that data. **[12L, 12P]**
- Rationale:** Include a St George exclusion course
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Course #89 RLG101H5 Introduction to the Study of Religion

- Before:** Theories about the variety and nature of religious experience, personal and collective. How religious life is expressed in such forms as myth, narrative and ritual, systems of belief and value, morality and social institutions. [24L, **10T]**
- After:** Theories about the variety and nature of religious experience, personal and collective. How religious life is expressed in such forms as myth, narrative and ritual, systems of belief and value, morality and social institutions. [24L, **12T]**
- Rationale:** Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
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Course #90 RLG201H5 Introduction to Religion in the Literary, Visual, and Performing Arts

- Before:** An examination of the interplay between religion and aesthetics, as expressed through the literary, visual, and performing arts. Structured thematically rather than by religious tradition, this course covers topics such as the creative word, visual representation of the divine through icons and iconography, sacred space and religious architecture, religion and the book arts, religious music, dance, and drama, visual narrativization, and religious ritual as performance. **[24L, 10T]**
- After:** An examination of the interplay between religion and aesthetics, as expressed through the literary, visual, and performing arts. Structured thematically rather than by religious tradition, this course covers topics such as the creative word, visual

representation of the divine through icons and iconography, sacred space and religious architecture, religion and the book arts, religious music, dance, and drama, visual narrativization, and religious ritual as performance. **[24L, 12T]**

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #91 RLG202H5 Introduction to Judaism

Before: This course studies Jewish religious thought and activity in both ancient and modern times through selected biblical, rabbinic, medieval, and modern Jewish writings. It explores the roots of Jewish religion, the variety of Jewish traditions, and how these traditions worldwide have been transformed throughout history. [24L, **10T**]

After: This course studies Jewish religious thought and activity in both ancient and modern times through selected biblical, rabbinic, medieval, and modern Jewish writings. It explores the roots of Jewish religion, the variety of Jewish traditions, and how these traditions worldwide have been transformed throughout history. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #92 RLG203H5 Introduction to Christianity

Before: An introduction to the diverse history of Christianity, ranging from the origins of the Jesus Movement in the Roman Empire to the development of the largest religious tradition in the world with over two billion adherents and thousands of denominations spread across the globe. [24L, **10T**]

After: An introduction to the diverse history of Christianity, ranging from the origins of the Jesus Movement in the Roman Empire to the development of the largest religious tradition in the world with over two billion adherents and thousands of denominations spread across the globe. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #93 RLG204H5 Introduction to Islam and Muslim Civilizations

Before: What does it mean to be Muslim? What is the civilizational legacy of a faith practiced by one quarter of humanity? Addressing such questions, this course explores the rich and diverse traditions of Islam and Muslim Civilizations, ranging from history, law, and scripture through artistic expressions, mysticism, philosophy and beyond. [24L, **10T**]

After: What does it mean to be Muslim? What is the civilizational legacy of a faith practiced by one quarter of humanity? Addressing such questions, this course explores the rich and diverse traditions of Islam and Muslim Civilizations, ranging from history, law, and scripture through artistic expressions, mysticism, philosophy and beyond. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #94 RLG205H5 Key Themes in South Asian Religions

Before: How do we approach the extraordinary diversity of South Asian religious history? Students will explore key terms cutting across religious traditions: sacrifice, worship, ritual, practice, duty, scripture, canon, and doctrine. This course is a general introduction and presupposes no prior knowledge about South Asia. [24L, **10T**]

After: How do we approach the extraordinary diversity of South Asian religious history? Students will explore key terms cutting across religious traditions: sacrifice, worship, ritual, practice, duty, scripture, canon, and doctrine. This course is a general introduction and presupposes no prior knowledge about South Asia. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #95 RLG206H5 Introduction to Buddhism

Before:

Philosophy of peaceful meditation or ideology of late capitalism? Both or neither? In this course you will learn through texts, images, objects, voices, and events how Buddhists through history have expressed their aspirations and anxieties, their thoughts and devotion, to find out what this religion may mean to us. [24L, **10T**]

After: Philosophy of peaceful meditation or ideology of late capitalism? Both or neither? In this course you will learn through texts, images, objects, voices, and events how Buddhists through history have expressed their aspirations and anxieties, their thoughts and devotion, to find out what this religion may mean to us. [24L, **12T**]

Rationale: In addition to the existing TA budget for this course, additional TA resources will be required for tutorials and preparation time. TA rationale has been submitted to the Dean's Office.

Course #96 RLG207H5 Introduction to Sikhism

Before: This course surveys the history of Sikhism from its beginnings as a devotional movement in late medieval Punjab to its transformation during the colonial period. Students will learn about the historical development of core Sikh doctrines, practices, and institutions. [24L, **10T**]

After: This course surveys the history of Sikhism from its beginnings as a devotional movement in late medieval Punjab to its transformation during the colonial period. Students will learn about the historical development of core Sikh doctrines, practices, and institutions. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #97 RLG208H5 Introduction to Zoroastrianism

Before: This course studies the history of Zoroastrianism, a religion born in Iran over 3,000 years ago. It analyzes its main doctrines and practices, provides an overview of its sacred literature and arts, and explores its interactions with other religions of the eastern and of the western world through the *millennia*.

After: This course studies the history of Zoroastrianism, a religion born in Iran over 3,000 years ago. It analyzes its main doctrines and practices, provides an overview of its sacred literature and arts, and explores its interactions with other religions of the eastern and of the western world through the *millennia*. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks. To clarify contact hours.

Course #98 RLG209H5 Introduction to Indigenous Traditions

Before: Indigenous traditions constitute the majority of the world's religions. They encompass the whole earth, and are incredibly diverse. So: where to begin? This course will introduce students to the vast array of global Indigenous traditions in both historic and contemporary contexts by looking comparatively at selected beliefs and practices. Attention will also be paid to Indigenous responses to colonialism and to the ways in which many communities are reviving their traditions. [24L, **10T**]

After: Indigenous traditions constitute the majority of the world's religions. They encompass the whole earth, and are incredibly diverse. So: where to begin? This course will introduce students to the vast array of global Indigenous traditions in both historic and contemporary contexts by looking comparatively at selected beliefs and practices. Attention will also be paid to Indigenous responses to colonialism and to the ways in which many communities are reviving their traditions. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #99 RLG210H5 Introduction to Hinduism

Before: Hinduism is today the world's third largest religion, with over one billion practitioners. In this course, students will learn about Hindu philosophy, literature, music, art, architecture, and ritual practices. A special focus will be on interactions between Hinduism and other South Asian religious traditions. [24L, **10T**]

After: Hinduism is today the world's third largest religion, with over one billion practitioners. In this course, students will learn about Hindu philosophy, literature, music, art, architecture, and ritual practices. A special focus will be on interactions between Hinduism and other South Asian religious traditions. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #100 RLG211H5 Introduction to Religion, Media, and Popular Culture

- Before:** How does religion shape popular culture? How does popular culture shape religion? This course traces a history of these questions from the early modern period through the twenty-first century by looking at fairs and folk culture; mass broadcast media like radio, film, and television; and the rise of digital culture. Topics covered vary by semester, but could include religious comic books, televangelism, mass-mediated religious violence, online pilgrimage, digital occultism, etc.[24L, **10T**]
- After:** How does religion shape popular culture? How does popular culture shape religion? This course traces a history of these questions from the early modern period through the twenty-first century by looking at fairs and folk culture; mass broadcast media like radio, film, and television; and the rise of digital culture. Topics covered vary by semester, but could include religious comic books, televangelism, mass-mediated religious violence, online pilgrimage, digital occultism, etc.[24L, **12T**]
- Rationale:** Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
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Course #101 SPA100Y5 Spanish for Beginners

- Before:** Introduction to the Spanish language for beginning students; overview of basic grammatical structures, development of vocabulary and oral and written expression. [48L, **24T, 24P**]
- After:** Introduction to the Spanish language for beginning students; overview of basic grammatical structures, development of vocabulary and oral and written expression. [48L, **24T**]
- Rationale:** Remove PRA hours as they are not utilized in this course.
-

Course #102 SPA320Y5 Advanced Spanish

- Before:** Advanced Spanish for non-natives. Selective review of grammar with emphasis on the complex sentence; intensive practice in written and oral expression to improve proficiency. [48L, **24T**]
- After:** Advanced Spanish for non-natives. Selective review of grammar with emphasis on the complex sentence; intensive practice in written and oral expression to improve proficiency. [48L, **24P**]
- Rationale:** Hours of instruction corrected.
-

Course #103 URD212Y5 Introduction to Urdu

- Before:** ~~Introduction to phonology, grammar, syntax of~~ the Urdu language ~~and; emphasis on basic~~ writing and ~~reading~~. [72L, 24P]
- After:** This course is for students who have no background knowledge in Urdu. The course provides students with basic information about the Urdu language paying particular attention to literacy skills, i.e. reading and writing in Urdu. Students start by learning how to write and pronounce the alphabet and how to connect letters to form new words. Then, they learn basic vocabulary in Urdu in order to express basic ideas orally and in writing. By the end of the course, students should be able to write simple sentences to express basic information, and they should be able to conduct basic conversations in Urdu. [72L, 24P]
- Rationale:** Modify the description of the course based on the instructional content for this course.
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Course #104 VCC236H5 North American Consumer Culture: 1890-Present

- Before:** Examines the history and theoretical treatments of mass consumerism in North American society. We will look at the relationship between the market and cultural politics, cultural production, and mass consumption. Specific topics include: the shift from mass production to mass consumption; the growth of department stores; the rise of advertising; the relationship of race, class, and gender to consumer capitalism; the development of product brands; and the emergence of global marketing.
- After:** Examines the history and theoretical treatments of mass consumerism in North American society. We will look at the relationship between the market and cultural politics, cultural production, and mass consumption. Specific topics include: the shift from mass production to mass consumption; the growth of department stores; the rise of advertising; the relationship of race, class, and gender to consumer capitalism; the development of product brands; and the emergence of global marketing. [**24L, 12T**]
- Rationale:**
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Course #105 VCC292H5 Topics in Visual Culture and Communication

Before: An in-depth examination of topics in visual and media culture, from both historical and contemporary perspectives. Topics vary from year to year, and the content in any given year depends upon the instructor.

After: An in-depth examination of topics in visual and media culture, from both historical and contemporary perspectives. Topics vary from year to year, and the content in any given year depends upon the instructor. **[24L, 12T]**

Rationale:

Course #106 VCC309H5 Society and Spectacle

Before: Spectacles have been vehicles of social and political power at varying historical moments and locations. Since Guy Debord's *Society of the Spectacle* was published in 1967 the term has been deployed as a critical concept for thinking about visual culture. This course takes up a number of historical case studies in order to locate and situate phenomena associated with spectacle and spectacular visual entertainments. Topics may include the role of images in mediating contemporary social relations and the connection between spectacle and violence. **[24L, 24P]**

After: Spectacles have been vehicles of social and political power at varying historical moments and locations. Since Guy Debord's *Society of the Spectacle* was published in 1967 the term has been deployed as a critical concept for thinking about visual culture. This course takes up a number of historical case studies in order to locate and situate phenomena associated with spectacle and spectacular visual entertainments. Topics may include the role of images in mediating contemporary social relations and the connection between spectacle and violence. **[24L]**

Rationale:

Course #107 VCC392H5 Topics in Visual Culture and Communication

Before: An in-depth examination of topics in visual and media culture, from both historical and contemporary perspectives. Topics vary from year to year, and the content in any given year depends upon the instructor.

After: An in-depth examination of topics in visual and media culture, from both historical and contemporary perspectives. Topics vary from year to year, and the content in any given year depends upon the instructor. **[24L]**

Rationale:

Course #108 VCC420H5 The Visual Culture of Automobility

Before: Cars are the quintessential mass-produced commodities, and as such are central to the spread of capitalism and to the forms, spaces, affects, and imaginaries of modernity, postmodernity and beyond. Drawing on anthropology, geography, architectural theory and cinema studies as well as visual studies, art history and critical theory, this seminar examines the visual cultures of automobility over a range of historical periods and cultural contexts.

After: Cars are the quintessential mass-produced commodities, and as such are central to the spread of capitalism and to the forms, spaces, affects, and imaginaries of modernity, postmodernity and beyond. Drawing on anthropology, geography, architectural theory and cinema studies as well as visual studies, art history and critical theory, this seminar examines the visual cultures of automobility over a range of historical periods and cultural contexts. **[24S]**

Rationale:

Course #109 VCC492H5 Topics in Visual Culture and Communication

Before: An in-depth examination of topics in visual and media culture, from both historical and contemporary perspectives. Topics vary from year to year, and the content in any given year depends upon the instructor.

After: An in-depth examination of topics in visual and media culture, from both historical and contemporary perspectives. Topics vary from year to year, and the content in any given year depends upon the instructor. **[24L]**

Rationale:

Course #110 VST410H5 Internship in Visual Studies

Before: This internship course provides an opportunity for students to gain practical experience at an institution or business closely related to the arts and to visual studies. This is especially tailored for mature and self-disciplined students in their final year of study, who are ready to apply knowledge acquired in previous courses and are planning a career in the arts and cultural sector. Students registered in any DVS program are eligible to apply. Students work closely with the DVS internship coordinator to establish suitability. Regular updates and a final report and presentation will be required. The final grade for

the course will be based on these, along with the assessment of the **employer.**

After: This internship course provides an opportunity for students to gain practical experience at an institution or business closely related to the arts and to visual studies. This is especially tailored for mature and self-disciplined students in their final year of study, who are ready to apply knowledge acquired in previous courses and are planning a career in the arts and cultural sector. Students registered in any DVS program are eligible to apply. Students work closely with the DVS internship coordinator to establish suitability. Regular updates and a final report and presentation will be required. The final grade for the course will be based on these, along with the assessment of the **employer.[24S]**

Rationale: adding hours of instruction

Course #111 WGS101H5 Introduction to Women and Gender Studies

Before: This foundation course introduces the core ideas students will explore throughout their studies in Women and Gender Studies. It immerses students in a highly participatory and provocative encounter with history, social theory, politics, policy, art and culture seen through a gender lens. It provides an interdisciplinary overview of the historical 'waves' of women's movements for equality in a global context and background to the development of Women/Gender Studies as a site of learning and feminist inquiry. [24L, **10T**]

After: This foundation course introduces the core ideas students will explore throughout their studies in Women and Gender Studies. It immerses students in a highly participatory and provocative encounter with history, social theory, politics, policy, art and culture seen through a gender lens. It provides an interdisciplinary overview of the historical 'waves' of women's movements for equality in a global context and background to the development of Women/Gender Studies as a site of learning and feminist inquiry. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
To correct a course code error, for an exclusion, from University of Toronto Scarborough.

Course #112 WGS102H5 Reading and Writing in Women and Gender Studies

Before: Using key feminist texts, this course advances students thinking, reading and writing in the discipline of Women and Gender Studies. The emphasis is placed on the development and application of interdisciplinary skills in the interpretation, analysis, criticism, and advocacy of ideas encountered in Women and Gender Studies. [24L, **10T**]

After: Using key feminist texts, this course advances students thinking, reading and writing in the discipline of Women and Gender Studies. The emphasis is placed on the development and application of interdisciplinary skills in the interpretation, analysis, criticism, and advocacy of ideas encountered in Women and Gender Studies. [24L, **12T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.

Course #113 WGS200Y5 Theories in Women and Gender Studies

Before: This course provides an opportunity to engage in an in-depth examination of specialized and scholarly work within women and gender studies with a focus on the diverse, multidisciplinary and transnational expressions of feminist thought. It incorporates study of the themes and debates concerning the socially constructed categories of femininity, masculinity and gender and in historical and contemporary contexts. [48L, **20T**]

After: This course provides an opportunity to engage in an in-depth examination of specialized and scholarly work within women and gender studies with a focus on the diverse, multidisciplinary and transnational expressions of feminist thought. It incorporates study of the themes and debates concerning the socially constructed categories of femininity, masculinity and gender and in historical and contemporary contexts. [48L, **24T**]

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 20T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 24 weeks.

Course #114 WGS205H5 Introduction to Feminism and Popular Culture

Before: This course explores the forms and functions of popular culture and its representation and understanding of the social category of women. It examines specific media forms including, but not limited to, film, song, visual arts, music, video, television, advertising and new media forms. It critically analyzes the impact of these portrayals on women in society while examining the cultural constructions of race, sexuality, class and ability. [24L, **10T**]

- After:** This course explores the forms and functions of popular culture and its representation and understanding of the social category of women. It examines specific media forms including, but not limited to, film, song, visual arts, music, video, television, advertising and new media forms. It critically analyzes the impact of these portrayals on women in society while examining the cultural constructions of race, sexuality, class and ability. [24L, **12T**]
- Rationale:** Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
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Course #115 WGS210H5 Women, Gender and Labour

- Before:** This course covers a wide range of issues relating to female participation in public and private sectors of the today's Canadian workforce. It examines the relevance of education, perceptions, sexuality and family issues. Services and infrastructure, as well as collective bargaining are also addressed. [24L, **10T**]
- After:** This course covers a wide range of issues relating to female participation in public and private sectors of the today's Canadian workforce. It examines the relevance of education, perceptions, sexuality and family issues. Services and infrastructure, as well as collective bargaining are also addressed. [24L, **12T**]
- Rationale:** Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
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Course #116 WGS215H5 Introduction to Women, Public Policy and the Law

- Before:** This course introduces students to women's position in Canada as political actors and provides gender-based analysis in relation to public policy and law in Canada. Students will study women's historical participation in and exclusion from policy decision-making processes, and evaluate the impact of feminism and women's activism on Canadian public policies. Using intersectional framework, the course will also examine different ways in which public policies can be made more responsive to gender and diversity concerns as well as the role public policy can play in overcoming gender inequalities. We will investigate key historical changes in public policies affecting Canadian women in such areas as family, workplace, education, poverty-welfare, sexuality and reproductive laws, immigration and refugee laws, and global issues. The course concludes with women's achievements in this area. [24L, **10T**]
- After:** This course introduces students to women's position in Canada as political actors and provides gender-based analysis in relation to public policy and law in Canada. Students will study women's historical participation in and exclusion from policy decision-making processes, and evaluate the impact of feminism and women's activism on Canadian public policies. Using intersectional framework, the course will also examine different ways in which public policies can be made more responsive to gender and diversity concerns as well as the role public policy can play in overcoming gender inequalities. We will investigate key historical changes in public policies affecting Canadian women in such areas as family, workplace, education, poverty-welfare, sexuality and reproductive laws, immigration and refugee laws, and global issues. The course concludes with women's achievements in this area. [24L, **12T**]
- Rationale:** Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
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Course #117 WGS250H5 Women in Families

- Before:** This course studies how the notion of family is conceptualized and organized transnationally and historically and examines the multiple familiar roles of women in diverse contexts. [24L, **10T**]
- After:** This course studies how the notion of family is conceptualized and organized transnationally and historically and examines the multiple familiar roles of women in diverse contexts. [24L, **12T**]
- Rationale:** Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
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Changes in Course Name

Course #1 FAS348Y5 Sculpture III

Before: *Continuing Investigations in* Sculpture

After: Sculpture *III*

Rationale: To bring the format of course name in line with all other 300-level courses.

Course #2 ITA255Y5 "Fa 'na bona jobba!" - The Italian Canadian Experience

Before: "Fa 'na bona *jobba!*" - The Italian Canadian Experience

After: "Fa 'na bona *jobba!*" - The Italian Canadian Experience

Rationale: Clarify the course description and update hours of instruction.

Course #3 ITA376H5 Best Practices in Italian Teaching and Learning

Before: *Recreational Linguistics: Brain Game, Brain Teasers*

After: *Best Practices in Italian Teaching and Learning*

Rationale: Modify the title and the description of the course based on the instructional content for this course.

Course #4 ITA390H5 The New Self and Self-Expression: 19th Century Italian Literature

Before: The *Individual* and *Society in* 19th Century Italian Literature

After: The *New Self* and *Self-Expression:* 19th Century Italian Literature

Rationale: ITA397Y5 hasn't been offered in a number of years and reviving it as a half-credit course would provide more course options for students.

Course #5 ITA391H5 Anxiety and Identity: Modern Italian History Through Literature

Before: Modern *Humanity in Crisis*

After: *Anxiety and Identity:* Modern *Italian History Through Literature*

Rationale: ITA390Y5 hasn't been offered in a number of years and reviving it as a half-credit course would provide more course options for students.

Courses - Other Changes

Course #1 CHI203H5 Intermediate Chinese I

Before: Prerequisite: **Appropriate** language level as indicated in the language assessment **questionnaire or interview.**

After: Prerequisite: **CHI104H5 or appropriate** language level as indicated in the language assessment **questionnaire.**

Rationale: Modify the description of the course based on the instructional content for this course.

Course #2 CIN301H5 Topics in Cinema Studies

Before: Recommended Preparation: CIN101H5/CIN202H5 or at least 1.0 credits in courses that count toward **the** Cinema Studies **minor.**

After: Recommended Preparation: CIN101H5/CIN202H5 or at least 1.0 credits in courses that count toward Cinema Studies **programs.**

Rationale: We are introducing the Cinema Major Program therefore updating recommended preparation to include all cinema programs.

Course #3 CIN302H5 Topics in Cinema Studies

Before: Recommended Preparation: CIN101H5/CIN202H5 or at least 1.0 credits in courses that count **toward the** Cinema Studies **minor.**

After: Recommended Preparation: CIN101H5/CIN202H5 or at least 1.0 credits in courses that count **towards** Cinema Studies **programs.**

Rationale: We are introducing the Cinema Major Program therefore updating recommended preparation to include all cinema programs.

Course #4 CIN304H5 The Violent Image

Before: Recommended Preparation: CIN101H5/CIN202H5/CIN205Y5 or at least 1.0 credit in courses that count **toward the** Cinema Studies **minor.**

After: Recommended Preparation: CIN101H5/CIN202H5/CIN205Y5 or at least 1.0 credit in courses that count **towards** Cinema Studies **programs.**

Rationale: We are introducing the Cinema Major Program therefore updating recommended preparation to include all cinema programs.

Course #5 CIN400H5 Topics in Cinema Studies

Before: Prerequisite: **CIN101H5/CIN202H5** or at least **1.0** credits in courses that count **toward the** Cinema Studies **minor and 1.0 credits at the 300 level in CIN or P.I.**

After: Prerequisite: **CIN101H5** or at least **2.0** credits in courses that count **towards** Cinema Studies **programs.**

Rationale: We are introducing the Cinema Major Program therefore updating recommended preparation to include all cinema programs.
Class size now reflected as seminar instead of lecture.

Course #6 CIN401H5 Topics in Cinema Studies

Before: Prerequisite: **CIN101H5/CIN202H5** or at least **1.0** credits in courses that count **toward the** Cinema Studies **minor and 1.0 credits at the 300 level in CIN or P.I.**

After: Prerequisite: **CIN101H5** or at least **2.0** credits in courses that count **towards** Cinema Studies **programs**.
Rationale: We are introducing the Cinema Major Program therefore updating prerequisites to include all cinema programs.

Course #7 DRE221Y5 Shakespeare

Before: Prerequisite: ~~DRE/ENG121H5, 122H5~~ or ~~permission of U of T Mississauga program director~~. ~~Course~~ Exclusion: ~~ENG220Y5~~
After: Prerequisite: DRE121H5 or ENG121H5, and DRE122H5 of ENG122H5.
Students who do not meet the prerequisite may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
~~Course~~ Exclusion: ENG220Y5, DRE224H5, DRE226H5, DRE370H5
Rationale: We have revised our prerequisites for most DRE and all ENG courses so they are clearer and simpler for students. We have added new H courses that may be offered in place of this Y course, and need to exclude students from taking both.

Course #8 ENG140Y5 Contemporary World Literatures

Before: Course Exclusion:
After: Course Exclusion: **ENG105H5**
Rationale: We have excluded H courses which are abbreviated versions of Y courses - and vice versa.

Course #9 ENG201Y5 Reading Poetry

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H** or **ENG102H5** or **ENG110H5** or **ENG140Y5** or **DRE/ENG121H5** and **DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website. **Course** Exclusion:
After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **any 100-level ENG** or **DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
Course Exclusion: **ENG204H5**
Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students. We have excluded H courses which are abbreviated versions of Y courses - and vice versa.

Course #10 ENG202H5 British Literature in the World I: Medieval to Eighteenth-Century

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H** or **ENG102H5** or **ENG110H5** or **ENG140Y5** or **DRE/ENG121H5** and **DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **any 100-level ENG** or **DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #11 ENG203H5 British Literature in the World II: Romantic to Contemporary

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H** or **ENG102H5** or **ENG110H5** or **ENG140Y5** or **DRE/ENG121H5** and **DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
After:

Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #12 ENG205H5 Rhetoric

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #13 ENG206H5 Rhetorical Criticism

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #14 ENG210Y5 The Novel

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #15 ENG213H5 The Short Story

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #16 ENG214H5 The Short Story Cycle

- Before:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
- After:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
- Rationale:** We have revised all prerequisites to make them consistent for all courses and clearer for students.
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Course #17 ENG215H5 The Canadian Short Story

- Before:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
- After:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
- Rationale:** We have revised all prerequisites to make them consistent for all courses and clearer for students.
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Course #18 ENG220Y5 Shakespeare

- Before:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website. **Course Exclusion: DRE221Y**
- After:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
Course Exclusion: DRE221Y5, ENG223H5, DRE224H5
- Rationale:** We have revised all prerequisites to make them consistent for all courses and clearer for students. We have excluded H courses which are abbreviated versions of Y courses - and vice versa.
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Course #19 ENG234H5 Children's Literature

- Before:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
- After:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
- Rationale:** We have revised all prerequisites to make the consistent for all courses and clearer for students.
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Course #20 ENG235H5 Comics and the Graphic Novel

- Before:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
- After:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
- Rationale:** We have revised all prerequisites to make them consistent for courses and clearer for students.
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Course #21 ENG236H5 Detective Fiction

- Before:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
- After:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
- Rationale:** We have revised all prerequisites to make them consistent for all courses and clearer for students.
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Course #22 ENG237H5 Science Fiction

- Before:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
- After:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
- Rationale:** We have revised all prerequisites to make them consistent for all courses and clearer for students.
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Course #23 ENG238H5 Fantasy Literature

- Before:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
- After:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
- Rationale:** There are no writers of colour on this list of authors: we've added Octavia Butler, who is regularly taught. We have revised all prerequisites to make them consistent for all courses and clearer for students.
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Course #24 ENG239H5 Horror Literature

- Before:** Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.
- After:**

Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #25 ENG250Y5 American Literature

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website. **Course Exclusion:**

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website. **Course Exclusion: ENG251H5**

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students. We have excluded H courses which are abbreviated versions of Y courses - and vice versa.

Course #26 ENG252Y5 Canadian Literature

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website. **Course Exclusion:**

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website. **Course Exclusion: ENG255H5**

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #27 ENG259H5 Literature and Environmental Criticism

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #28 ENG269H5 Queer Writing

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #29 ENG271H5 Toronto's Multicultural Literatures

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #30 ENG272H5 Literature and Exile

Before: Prerequisite: ~~All 200-series courses are open~~ to students who ~~are concurrently enrolled in ENG110Y or ENG140Y, or both DRE/ENG121H and DRE/ENG122H, or who~~ have successfully completed at least 4.0 full credits.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in any 100-level ENG or DRE course (except ENG100H5) may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #31 ENG273H5 Literatures of Immigration and Exile

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #32 ENG274H5 Indigenous Literatures

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #33 ENG275H5 Feminist Approaches to Literature

Before:

Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **ENG101H** or **ENG102H5** or **ENG110H5** or **ENG140Y5** or **DRE/ENG121H5** and **DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **any 100-level ENG** or **DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them the consistent for all courses and clearer for students.

Course #34 ENG276H5 Fanfiction

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **ENG101H** or **ENG102H5** or **ENG110H5** or **ENG140Y5** or **DRE/ENG121H5** and **DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **any 100-level ENG** or **DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #35 ENG277H5 Bad Romance

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **ENG101H** or **ENG102H5** or **ENG110H5** or **ENG140Y5** or **DRE/ENG121H5** and **DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **any 100-level ENG** or **DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #36 ENG279H5 Video Games

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **ENG101H** or **ENG102H5** or **ENG110H5** or **ENG140Y5** or **DRE/ENG121H5** and **DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **any 100-level ENG** or **DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #37 ENG280H5 Critical Approaches to Literature

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **ENG101H** or **ENG102H5** or **ENG110H5** or **ENG140Y5** or **DRE/ENG121H5** and **DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

Students who do not meet the prerequisite but are enrolled in **any 100-level ENG** or **DRE course**

(except ENG100H5) may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #38 ENG289H5 Creative Writing

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #39 ENG291H5 Reading for Creative Writing

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **ENG101H or ENG102H5 or ENG110H5 or ENG140Y5 or DRE/ENG121H5 and DRE/ENG122H5** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in **any 100-level ENG or DRE course (except ENG100H5)** may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #40 ENG299Y5 Research Opportunity Program

Before: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.

After: Prerequisite: Open to students who have successfully completed at least 4.0 full credits.
Students who do not meet the prerequisite but are enrolled in any 100-level ENG or DRE course (except ENG100H5) may petition the department in writing for approval to take the course. See the guidelines for written petitions on the department website.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #41 ENG303H5 Milton

Before: Prerequisite:

After: Prerequisite: **1.0 credit in ENG and 3.0 additional credits.**

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #42 ENG304H5 Seventeenth-Century Poetry

Before: Prerequisite: **Course** Exclusion: **ENG304Y1, ENG304Y5**

After: Prerequisite: **1.0 credit in ENG and 3.0 additional credits.**
Course Exclusion: ENG304Y5

Rationale: We have revised all prerequisites (and in this case, also an exclusion) to make them consistent for all courses and clearer for students.

Course #43 ENG305H5 Swift, Pope, and their Contemporaries

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**

After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Rationale: Punctuation added for consistency.
We have revised all prerequisites to make the consistent for all courses and clearer for students.

Course #44 ENG306Y5 Literature of the Restoration and 18th Century

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #45 ENG307H5 Women Writers before Austen

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Rationale: We have revised all prerequisites to make the consistent for all courses and clearer for students.

Course #46 ENG308Y5 Romantic Poetry and Prose

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Rationale: We have revised all prerequisites to make the consistent for all courses and clearer for students.

Course #47 ENG311H5 Medieval Literature

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Rationale: We have revised all the prerequisites to make the consistent for all courses and clearer for students.

Course #48 ENG312H5 Special Topic in Medieval Literature

Before: Prerequisite: **2.0** credit in **ENG, including ENG202Y5,** and **4.0** additional credits.
After: Prerequisite: **1.0** credit in **ENG** and **3.0** additional credits.
Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #49 ENG313H5 Special Topic in Early Modern British Literature

Before: Prerequisite: **2.0** credit in **ENG, including ENG202Y5,** and **4.0** additional **credits**
After: Prerequisite: **1.0** credit in **ENG** and **3.0** additional **credits.**
Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #50 ENG314H5 Special Topic in Eighteenth-Century British Literature

Before: Prerequisite: **2.0** credit in **ENG, including ENG202Y5,** and **4.0** additional **credits**
After: Prerequisite: **1.0** credit in **ENG** and **3.0** additional **credits.**
Rationale: We have revised all prerequisites to make them consistent for all courses and clearer students

Course #51 ENG315H5 Special Topic in Nineteenth-Century British Literature

Before: Prerequisite: **2.0** credit in **ENG, including ENG202Y5 or ENG203Y5,** and **4.0** additional

credits

After: Prerequisite: **1.0** credit in **ENG** and **3** additional **credits**.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #52 ENG316H5 Special Topic in Modern and Contemporary Literature

Before: Prerequisite: **2.0** credit in **ENG, including ENG202Y5 or ENG203Y5**, and **4.0** additional **credits**

After: Prerequisite: **1.0** credit in **ENG** and **3.0** additional **credits**.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #53 ENG320H5 Transforming Literature in the Sixteenth Century

Before: Course Exclusion: **ENG302Y1**, ENG302Y5

After: Course Exclusion: ENG302Y5

Rationale: We have revised all prerequisites (and in this case an exclusion) to make them consistent for all courses and clearer for students.

Course #54 ENG322Y5 The Rise of the Novel in the Eighteenth Century

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**

After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**.

Rationale: We added a period for consistency.

Course #55 ENG323H5 Austen and Her Contemporaries

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**

After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**.

Rationale: We added a period for consistency.

Course #56 ENG324Y5 Victorian Fiction

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**

After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**.

Rationale: We added a period for consistency.

Course #57 ENG325H5 The Victorian Novel

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**

After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**.

Rationale: We added a period for consistency.

Course #58 ENG329H5 Contemporary British Fiction

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**

After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**.

Rationale: We added a period for consistency.

Course #59 ENG330H5 Medieval Drama

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Rationale: We added a period for consistency.

Course #60 ENG331H5 Elizabethan Drama

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Rationale: Punctuation added for consistency.

Course #61 ENG333H5 The Modernist Novel

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits Course** Exclusion: **ENG328Y1**, ENG328Y5
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Course Exclusion: ENG328Y5
Rationale: We have revised all prerequisites (and in this case an exclusion) to make them consistent for all courses and clearer for students.

Course #62 ENG335H5 Jacobean Drama

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Rationale: We have added a missing period, or as the chair of our department would have it, fullstop.

Course #63 ENG336H5 Special Topic in Shakespeare

Before: Prerequisite: **2.0** credit in **ENG, including ENG220Y5/DRE221Y5** and **4.0** additional **credits**
After: Prerequisite: **1.0** credit in **ENG** and **3.0** additional **credits.**
Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #64 ENG337H5 Restoration and Eighteenth-Century Drama

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Rationale: We added a period for consistency.

Course #65 ENG340H5 The Rise of Modern Drama

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Rationale: We added a period for consistency.

Course #66 ENG341H5 Modern Drama: Late Twentieth-Century to Present Day

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Rationale: We added a period for consistency.

Course #67 ENG342H5 Contemporary Drama

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Rationale: We have added a missing period.

Course #68 ENG345H5 Victorian Poetry

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits Course** Exclusion: **ENG347Y1**, ENG347Y5
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Course Exclusion: ENG347Y5
Rationale: We added a period for consistency.

Course #69 ENG349H5 Contemporary Poetry

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Rationale: We added a period for consistency.

Course #70 ENG350H5 Poetry and Modernism

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits Course** Exclusion: **ENG348Y1**, ENG348Y5
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Course Exclusion: ENG348Y5
Rationale: We have revised all prerequisites (and in this case an exclusion) to make them consistent for all courses and clearer for students.

Course #71 ENG352H5 Canadian Drama

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Rationale: We added a period for consistency.

Course #72 ENG353Y5 Canadian Fiction

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits Course** Exclusion: **ENG216Y5**
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Course Exclusion: **ENG392H5**
Rationale: We have excluded H courses which are abbreviated versions of Y courses - and vice versa.

Course #73 ENG354Y5 Canadian Poetry

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits Course** Exclusion:
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**
Course Exclusion: **ENG393H5**
Rationale: We have excluded H courses which are abbreviated versions of Y courses - and vice versa.

Course #74 ENG357H5 New Writing in Canada

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**
After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**

Rationale: We have added a period.

Course #75 ENG358H5 Special Topic in Canadian Literature

Before: Prerequisite: **2.0** credit in **ENG, including ENG252Y5**, and **4.0** additional **credits**

After: Prerequisite: **1.0** credit in **ENG** and **3.0** additional **credits**.

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #76 ENG360H5 Early American Literature

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**

After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**.

Rationale: We added a period for consistency.

Course #77 ENG363Y5 Nineteenth-Century American Literature

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits Course** Exclusion:

After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**.
Course Exclusion: **ENG394H5**

Rationale: We have excluded H courses which are abbreviated versions of Y courses - and vice versa.

Course #78 ENG364Y5 Twentieth-Century American Literature

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits Course** Exclusion:

After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**.
Course Exclusion: **ENG395H5**

Rationale: We have excluded H courses which are abbreviated versions of Y courses - and vice versa.

Course #79 ENG365H5 Contemporary American Fiction

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits Course** Exclusion: **ENG361H5**

After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**.
Course Exclusion:

Rationale: We have revised all prerequisites (and in this case an exclusion) to make them consistent for all courses and clearer for students.

Course #80 ENG366H5 Special Topic in American Literature

Before: Prerequisite: **2.0** credit in **ENG, including ENG250Y5**, and **4.0 additional credits**
Course Exclusion: **None**

After: Prerequisite: **1.0** credit in **ENG** and **3.0 other credits**.
Course Exclusion:

Rationale: We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #81 ENG370H5 Global Literatures in English

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**

After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**.

Rationale: We added a period.

Course #82 ENG371H5 Special Topic in World Literatures

Before: Prerequisite: **2.0 credit** in **ENG, including ENG270Y5**, and **4.0** additional **credits**

After: Prerequisite: **1.0 credits** in **ENG** and **3.0** additional **credits.**

Rationale: We have revised all prerequisites to make the consistent for all courses and clearer for students.

Course #83 ENG380H5 History of Literary Theory

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**

After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**

Rationale: We added a period for consistency.

Course #84 ENG382Y5 Contemporary Literary Theory

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**

After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**

Rationale: We added a period for consistency.

Course #85 ENG384H5 Literature and Psychoanalysis

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits Course** Exclusion: **ENG290Y5, ENG384Y1**

After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits. Course** Exclusion: **ENG384Y5**

Rationale: We have revised all prerequisites (and in this case, exclusions) to make them consistent for all courses and clearer for students.

Course #86 ENG390Y5 Individual Studies

Before: Prerequisite: **3.0** credits in English

After: Prerequisite: **1.0** credits in English **and 3.0 additional credits.**

Rationale: Changed description so that it no longer mentions a building that has been demolished; and allows students to apply for the course at different points throughout the academic year (which is what happens in practice and which we are happy to support).

Course #87 ENG391Y5 Individual Studies (Creative)

Before: Prerequisite: **3.0** credits in **English, including ENG369Y5**

After: Prerequisite: **1.0** credits in **English and 3.0 other credits.**

Rationale: We have changed the description so that it no longer mentions offices we do not occupy, and we have removed the date of May 15 as students find they want to sign up for this course at different points over the year, and we are happy to support this.
We have revised all prerequisites to make them consistent for all courses and clearer for students.

Course #88 ENG399Y5 Research Opportunity Program

Before: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits**

After: Prerequisite: 1.0 credit in ENG and 3.0 additional **credits.**

Rationale: We believe our students are knowledge creators - not just passive learners!

Course #89 ENG489Y5 Creative Writing Workshop

- Before:** Prerequisite: Permission of instructor; portfolio must be submitted by **May 15.**
- After:** Prerequisite: Permission of instructor; portfolio must be submitted by **30 June; contact Undergraduate Advisor for more information.**
- Rationale:** This clarifies our application process for this course.
-

Course #90 FAS246H5 Design II

- Before:** Prerequisite: **FAS146H5/P.I.**
- After:** Prerequisite: **FAS146H5 or FAS236H5/P.I.**
- Rationale:** Updating prerequisites.
-

Course #91 FRE372H5 The French Language through Space and Time I

- Before:** Recommended Preparation: FRE283H5. Recommended **preparation or companion course** LAT100Y5 or **equivalent.**
- After:** Recommended Preparation: FRE283H5. Recommended companion **courses:** LAT100Y5 or **equivalent; FRE357H5.**
- Rationale:** FRE357H Heroism and Love in the Middle Ages includes a study of Medieval texts in the original which complements the content of FRE372H5
-

Course #92 FRE373H5 The French Language through Space and Time II

- Before:** Recommended Preparation: **FRE283H5**
- After:** Recommended Preparation: **FRE283H5. Recommended companion course: FRE356H5.**
- Rationale:** FRE356H Versailles and the Classical Age includes a study of 17th century texts which complements the content of FRE373H5.
-

Course #93 FSL105H5 Functional French-Novice

- Before:** Course Exclusion: FSL100H1 or higher. Not open to students who have studied **French in secondary school (Core French, French Immersion, Extended French, French Secondary School).** Not open to native speakers of French.
- After:** Course Exclusion: FSL100H1 or higher. Not open to students who have **previously** studied **French.** Not open to native speakers of French.
- Rationale:** The new description reflects course content more accurately.
-

Course #94 FSL106H5 Functional French-Advanced Beginner

- Before:** Prerequisite: Placement Test **recommendation (first year students)/FSL105H5. All first year students** enrolling in French language **courses** MUST complete the **online placement test.**
- After:** Prerequisite: **FSL105H5 or** Placement Test **results. Before** enrolling in **a** French language **course for the first time all students** MUST complete the **Placement Test.**
- Rationale:** Clarification of prerequisites.
-

Course #95 FSL205Y5 Functional French-Intermediate

- Before:** Prerequisite: FSL106H5 or placement test results.
- After:** Prerequisite: FSL106H5 or placement test results. **Before enrolling in a French language course for the first time all students MUST complete the Placement Test.**
-

Rationale: Prerequisites are clarified

Course #96 FSL305Y5 Functional French-High Intermediate

Before: Prerequisite: FSL205Y5/FSL206H5/Placement Test **recommendation.**

After: Prerequisite: FSL205Y5/FSL206H5/Placement Test **results.**

Rationale: The new description reflects course content more accurately.

Course #97 FSL405H5 Functional French-Advanced I

Before: Prerequisite: Placement ~~test recommendation/FSL305Y5.~~ All first year students **must** complete the ~~French~~ Placement Test. ~~Course~~ Exclusion: FSL385H5, FSL386H5, FSL331Y1, ~~FSL321Y1.~~ Not open to francophones and/or holders of the French or international baccalauréat but contingent on the results of the ~~French language placement test.~~

After: Prerequisite: FSL305Y5 or Placement Test results. Before enrolling in a French language course for the first time all students **MUST** complete the Placement Test. Course Exclusion: FSL385H5, FSL386H5, FSL331Y1, FSL321Y1, FRE180H5, FRE181H5, FRE280Y5, FRE283H5, FRE383H5. Not open to francophones and/or holders of the French or international baccalauréat but contingent on the results of the Placement Test.

Rationale: The added exclusions give needed clarification as the levels in the FRE course series are not equivalent to those in the FSL series. Prerequisites are clarified.

Course #98 FSL406H5 Functional French-Advanced II

Before: Prerequisite: Placement ~~test recommendation/FSL405H5.~~ All first year students **must** complete the ~~French~~ Placement Test. ~~Course~~ Exclusion: FSL385H5, FSL386H5, FSL331Y1, ~~FSL321Y1.~~ Not open to francophones and/or holders of the French or international baccalauréat but contingent on the results of the ~~French language placement test.~~

After: Prerequisite: FSL405H5 or Placement Test results. Before enrolling in a French language course for the first time all students **MUST** complete the Placement Test. Course Exclusion: FSL385H5, FSL386H5, FSL331Y1, FSL321Y1, FRE180H5, FRE181H5, FRE280Y5, FRE283H5, FRE383H5. Not open to francophones and/or holders of the French or international baccalauréat but contingent on the results of the Placement Test.

Rationale: The added exclusions give needed clarification as the levels in the FRE course series are not equivalent to those in the FSL series.

Course #99 ITA376H5 Best Practices in Italian Teaching and Learning

Before: Prerequisite: **ITA100Y5 Recommended Preparation: ITA200Y5 for Italian Specialists, Majors and Minors.**

After: Prerequisite: ITA200Y5 **or permission of the department. Recommended Preparation:**

Rationale: Modify the title and the description of the course based on the instructional content for this course.

Course #100 ITA390H5 The New Self and Self-Expression: 19th Century Italian Literature

Before: Course Exclusion: ITA395H5, 398Y5

After: Course Exclusion: ITA395H5, **397Y5**, 398Y5

Rationale: ITA397Y5 hasn't been offered in a number of years and reviving it as a half-credit course would provide more course options for students.

Course #101 ITA391H5 Anxiety and Identity: Modern Italian History Through Literature

Before: Course Exclusion:

After: Course Exclusion: **ITA390Y5**

Rationale:

ITA390Y5 hasn't been offered in a number of years and reviving it as a half-credit course would provide more course options for students.

Course #102 LIN228H5 Phonetics

Before: Prerequisite: **LIN101H5**

After: Prerequisite:

Rationale: It didn't make sense to have LIN101 as both prerequisite and corequisite. We have the prerequisite requirement.

Course #103 LIN233H5 English Words through Space and Time

Before: Prerequisite: **LIN101H5**

After: Prerequisite:

Rationale: It didn't make sense to have LIN101 as both prerequisite and corequisite. We have deleted the prerequisite requirement.

Course #104 LIN327H5 Speech Perception

Before: Prerequisite: LIN228H5 and one of **LIN229H5/LIN288H5/LIN318H5/PSY270H5/PSY274H4**

After: Prerequisite: LIN228H5 and one of **LIN229H5/LIN288H5/LIN318H5/PSY270H5/PSY274H5**

Rationale: Correct a typo.

Course #105 LIN458H5 Analyzing Sociolinguistic Variation

Before: Course Exclusion:

After: Course Exclusion: **LIN456H1**

Rationale: Include a St George exclusion course

Course #106 PHL200H5 Ancient Philosophy

Before: Course Exclusion: PHL200Y5, PHLB31H3

After: Course Exclusion: PHL200Y5, **PHL202H5**, PHLB31H3

Rationale: Added former course code to list of exclusions.

Course #107 PHL245H5 Modern Symbolic Logic

Before: Recommended Preparation: **PHL102H5**

After: Recommended Preparation: **PHL113H5**

Rationale: Corrected the course code for the recommended prep - PHL102H5 to PHL113H5

Course #108 PHL310H5 Topics in 17th and 18th Century Philosophy

Before: Course Exclusion: PHL309H5, PHL310H1, **PHL311H1 Recommended** Preparation: **PHL200Y5/210Y5**

After: Course Exclusion: PHL309H5, PHL310H1, **PHL311H1, PHL313H5 Recommended** Preparation: **PHL210Y5**

Rationale: Added former course code to list of exclusions.

Course #109 PHL390H5 Special Topics in Philosophy

Before: Course Exclusion:

After: Course Exclusion: **PHL395H5**

Rationale: Added former course code to list of exclusions.

Course #110 PHL410H5 Seminar in 17th and 18th Century Philosophy

Before: Course Exclusion:

After: Course Exclusion: **PHL416H5, PHL420H1**

Rationale: Added former course code and STG course code as exclusions.

Course #111 SPA220Y5 Intermediate Spanish

Before: Prerequisite: **Grade 12 U Spanish/SPA100Y1/SPA100Y5**

After: Prerequisite: **SPA100Y1/SPA100Y5**

Rationale: The new pre-requisite makes the students whose proficiency level are appropriate for the intermediate level of Spanish at the University level to enroll in the course.

Course #112 URD212Y5 Introduction to Urdu

Before: Prerequisite:

After: Prerequisite: **All students who are enrolling in an URD language course for the first time (do not have the prerequisite) are required to complete a language assessment questionnaire. Students who have not completed an assessment cannot be approved for course enrolment. Please visit www.utm.utoronto.ca/language-studies/elective-languages for further details.**

Rationale: Modify the description of the course based on the instructional content for this course.

Course #113 WGS101H5 Introduction to Women and Gender Studies

Before: Course Exclusion: **WGS160Y1/WGSTA01H3/WGSTA03H3**; May not be taken with or after WGS200Y5.

After: Course Exclusion: **WGS160Y1/WSTA01H3/WSTA03H3**; May not be taken with or after WGS200Y5.

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 10T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 12 weeks.
To correct a course code error, for an exclusion, from University of Toronto Scarborough.

Course #114 WGS200Y5 Theories in Women and Gender Studies

Before: Course Exclusion: ERI200Y5, NEW160Y1, WGS160Y1, WSTA01H3, **WGSTA03H3**, WGS260H1

After: Course Exclusion: ERI200Y5, NEW160Y1, WGS160Y1, WSTA01H3, **WSTA03H3**, WGS260H1

Rationale: Historical Studies currently lists tutorial hours to reflect the actual number of tutorial contact hours, i.e. 20T, as tutorials are not being offered during the first and last weeks of term. With the increased focus on pedagogy, the Department has decided to require that tutorials meet all 24 weeks.

Course #115 utm112H5 utmONE: Power of Expression

Before: Course Exclusion: utm110H5, utm111H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #116 utm115H5 utmONE: Communication Among Cultures

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #117 utm116H5 utmONE: Happiness

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #118 utm117H5 utmONE: Individualism, The Development Of An Idea

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #119 utm190H5 utmONE Scholars: The Drama of Politics

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #120 utm192H5 utmONE Scholars: Language, Culture, and Mind

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #121 utm193H5 utmONE Scholars: Nations Colliding?

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #122 utm194H5 utmONE Scholars: Religion and Politics

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #123 utm195H5 utmONE Scholars: Curiosity and Control: Voyages of Discovery to North America

Before:

Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #124 utm196H5 utmONE Scholars: Building Global Justice

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list



University of Toronto Mississauga Divisional Curriculum Committee Report

Divisional Curriculum Committee:	Sciences
Members:	<p>Prof. Andrew Petersen, Chair (September 26, 2018) Prof. Heather Miller, Chair (April 23, 2018)</p> <p>Prof. Todd Sanders, Department of Anthropology Prof. Tracy Rogers, Forensic Science Program Prof. Marc Dryer, Department of Biology Prof. Paul Piunno/Prof. Jochen Halfar, Department of Chemical & Physical Sciences Prof. Joseph Leydon, Department of Geography Prof. Ilia Binder, Department of Mathematical & Computational Sciences Prof. Craig Chambers/Prof. Stuart Kamenetsky, Department of Psychology</p>
Date of Divisional Curriculum Committee Meeting:	Wednesday, September 26, 2018 Monday, April 23, 2018
Return to: Program and Curriculum Officer	Rosa Ciantar Acting Program and Curriculum Officer Office of the Dean, UTM rosa.ciantar@utoronto.ca

1. Overview

Changes in the Sciences programs were the result of adjustments to their offerings and requirements. The most notable change was the creation of half courses to be offered in lieu of the current Y courses (MAT134Y5 Calculus for Life Sciences and MAT135Y5 Calculus), which has driven program changes in other Science and Social Science programs. In addition, many of the course description changes across departments were made to ensure that contact hours are accurately reflected in the Academic Calendar.

As is typical, most other course changes across departments involved updating the titles, description, prerequisites and exclusions, and requirements of existing courses to more accurately reflect their content and mode of teaching or to provide more flexibility for students. The changes to courses in the Earth Sciences program are notable, as the many changes in description and delivery in that program are driven by an effort to bring the program into alignment with the requirements of an external professional body (the APGO).

The deletion of the ERI (SCI) courses were also presented. CPS introduced CPS398H5 to replace the deleted ERI398H5.

New course offerings frequently reflected new topics identified as gaps from curriculum mapping efforts or to expand existing offerings due to student interest. Biology introduced a set of upper year courses to complement existing offerings in neurobiology, physiology, and developmental biology. Physics, Math, and Geography introduced a single new offering each to expand courses in existing areas. Forensic sciences introduced a large number of courses as a response to a recent program review; several of the additions, in particular in forensic biology, were also made possible by recent hires. Other programs also added courses in response to new hires; for example, computer science introduced a suite of three offerings in robotics due to hiring of a cluster of roboticists. Earth sciences introduced three courses in sensing and volcanology as a result of hiring as well as to prepare students for certification by the APGO. Finally, both Psychology and Anthropology increased their ROP offerings to provide more flexibility for faculty to offer these opportunities.

Three sets of substantive program changes were proposed and approved:

(1) The changes in the two specialists in Chemistry (Biological Chemistry and Chemistry) were the result of discussions at the departmental curriculum meetings that recommended a re-evaluation of the entry requirements for these two programs which resulted in a change that is in-line with other divisions.

(2) The Forensic Science programs were modified in response to a recent program review. The updated programs make significant use of newly introduced FSC courses that more

specifically address the learning outcomes of the program. These courses largely replace offerings provided by other departments.

(3) Psychology undertook a review of their joint (with Biology) Behaviour, Neuroscience, and Genetics Specialist. Changes were made in the program to make it more appealing to students and to clarify the requirements. These changes include a change to the program name, updates to the description of the program and different threads of study within it, the removal of less related courses, and the addition of new courses of relevance to the program. In addition, 1.0 credits were added as the specialist was relatively light, and admissions requirements were shifted from CGPA to AGPA to focus the admission decision on performance in the key second year courses in the program.

(4) Mathematics and Computational Sciences converted their Information Security Specialist and Bioinformatics Specialist programs to Type 3 (limited enrolment) from Type 2. This change will bring these programs in-line with their other existing Computer Science specialist and major programs with similar enrolment requirements.

In addition, a number of minor program changes were removed and approved. Many were updates to account for the changes to calculus (MAT134 and MAT135). The Minor in Biomedical Communications included a required course that was overlooked at the previous meeting in September 2017. Paleontology re-added a course (ES111H5) that had been accidentally removed in a prior edit. Biology for Health Sciences removed two courses that are no longer options for students in the program; similarly, Psychology removed one course as an option and then undertook a significant housecleaning effort to improve clarity. The remainder of program changes reflect new course offerings or the removal of optional courses that are no longer offered.

2. Rationale

Course changes and additions reflect three aspects of UTM teaching:

(1) a generally heightened level of attention to course offerings in departments, including the increased work on curriculum mapping and program design, resulting in housekeeping to bring courses in line with desired learning outcomes and to update descriptions and requirements to match current practice;

(2) responses to program reviews and alignment with external accreditation bodies; and

(3) the evolution of the curriculum to reflect areas of increasing interest and the expertise of newly hired faculty.

3. Summary of Change Categories

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Anthropology	0	0	0	2	2	6
Astronomy	0	0	0	0	0	4
Biology	0	0	0	3	0	12
Biomedical Communications	0	0	2	0	0	3
Chemistry	0	0	1	1	0	1
Computer Science	0	0	0	4	3	18
Earth Science	0	1	0	3	0	13
Forensic Science	0	0	0	14	1	6
Geography	0	0	0	1	0	11
Mathematics	0	0	0	5	3	14
Physics	1	0	0	1	0	10
Psychology	0	1	0	3	4	65
Statistics	0	0	0	0	0	7
Student Development & Transition	0	0	0	0	0	9

4. Cumulative Glance

No. of full courses deleted: 1
No. of full courses added: 1
No. of half courses deleted: 3
No. of half courses added: 37
No. of full courses changed: 13
No. of half courses changed: 179

5. Major Changes

No major changes in Sciences were proposed in this curriculum cycle.

Sciences

April Report

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SUMMARY OF COURSE CHANGES

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Anthropology	0	0	0	0	0	6
Astronomy	0	0	0	0	0	4
Biology	0	0	0	0	0	5
Biomedical Communications	0	0	0	0	0	1
Chemistry	0	0	1	1	0	1
Communication, Culture, Information and Technology	0	0	0	0	0	0
Computer Science	0	0	0	1	0	2
Earth Science	0	0	0	0	0	0
Economics	0	0	0	0	0	0
Environment	0	0	0	0	0	0
Forensic Science	0	0	0	0	0	0
Geography	0	0	0	0	0	0
Mathematics	2	0	0	4	3	10
Physics	0	0	0	0	0	2
Psychology	0	0	0	0	0	0
Sociology	0	0	0	0	0	0
Statistics	0	0	0	0	0	1
Student Development and Transition	0	0	0	0	0	4

New Programs

NONE

Programs - Resource Implications

Program #1 ERMAJ1376 Chemistry (Science)

Resource implications: NONE

Program #2 ERMAJ2511 Mathematical Sciences (Science)

Resource implications: None.

Program #3 ERMIN0840 Biomedical Communications (Science)

Resource implications: No resource implications.

Program #4 ERMIN2511 Mathematical Sciences (Science)

Resource implications: None.

Program #5 ERSPE1253 Environmental Geosciences

Resource implications: NONE

Program #6 ERSPE1376 Chemistry (Science)

Resource implications: none

Program #7 ERSPE1995 Biological Chemistry (Science)

Resource implications: None

Deleted Programs

NONE

Programs - Other Changes

Program #1 ERMAJ1376 Chemistry (Science)

- Rationale for change:** This change involves addressing a course code change, where ERI398H5 will be changed to CPS398H5.
- Before:** Notes:
- In addition to 300/400 level CHM/JCP courses, **ERI398H5** (with permission of the Department of Chemical and Physical Sciences), CPS400Y5, FSC311H5, JBC472H5 and JCB487Y5 may be used to fulfill 300/400 level program requirements.
 - MAT134Y5/135Y5/137Y5 prerequisite is required for all 200-level CHM/JCP courses.
 - For a balanced training in Chemistry, students should take CHM311H5, 331H5/333H5, 341H5/345H5, JCP321H5.
 - Students are strongly advised to consult the Program Advisor regarding their course of study.
- After:** Notes:
- In addition to 300/400 level CHM/JCP courses, **CPS398H5** (with permission of the Department of Chemical and Physical Sciences), CPS400Y5, FSC311H5, JBC472H5 and JCB487Y5 may be used to fulfill 300/400 level program requirements.
 - MAT134Y5/135Y5/137Y5 prerequisite is required for all 200-level CHM/JCP courses.
 - For a balanced training in Chemistry, students should take CHM311H5, 331H5/333H5, 341H5/345H5, JCP321H5.
 - Students are strongly advised to consult the Program Advisor regarding their course of study.
-

Program #2 ERMAJ2511 Mathematical Sciences (Science)

- Rationale for change:** Program requirements for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).
- Before:** Limited Enrolment: Enrolment in the Major program is limited to students who meet the following criteria: (1) A minimum of 4.0 credits, including 60% in MAT102H5 and 60% in **MAT134Y5/ MAT135Y5/ MAT137Y5/MAT233H5 /50% in MAT157Y5.** (2) A minimum cumulative grade point average (CGPA), to be determined annually.
First Year MAT102H5, **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5,** MAT223H5/MAT240H5
- After:** Limited Enrolment: Enrolment in the Major program is limited to students who meet the following criteria: (1) A minimum of 4.0 credits, including 60% in MAT102H5 and 60% in **MAT134H5/ MAT136H5/ MAT134Y5/MAT135Y5/**MAT137Y5/MAT233H5 /50% in MAT157Y5. (2) A minimum cumulative grade point average (CGPA), to be determined annually.
First Year MAT102H5, **(MAT132H5, MAT134H5)/(MAT135H5, MAT136H5)/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5,** MAT223H5/MAT240H5
-

Program #3 ERMIN0840 Biomedical Communications (Science)

- Rationale for change:** The department decided to make this minor available to students who had an science or arts minor. The addition of HSC307H5 to this program as a course option, was simply overlooked at the curriculum meeting in September.
- Before:** Limited Enrolment: Enrolment in this program requires the student meet one of the following two conditions:
1) concurrent enrolment in a science major and **a** minor; or 2) enrolment in a science specialist program. A minimum CGPA of 2.20 is required. All students (including transfer students) must complete 4.0 UTM credits before requesting this program. 1.5 credits from the following: BIO152H5, BIO153H5, HSC200H5 1.0 credit from the following: HSC300H5/ HSC301H5/ **HSC302H5** 1.5 credits from the following: HSC401H5/ HSC402H5/ HSC403H5/ HSC404H5/ HSC405H5/ HSC406H5
- After:** Limited Enrolment: Enrolment in this program requires the student meet one of the following two conditions:
1) concurrent enrolment in a science major and **any** minor; or 2) enrolment in a science specialist program. A minimum CGPA of 2.20 is required. All students (including transfer students) must complete 4.0 UTM credits before requesting this program. 1.5 credits from the following: BIO152H5, BIO153H5, HSC200H5 1.0 credit from the following: HSC300H5/ HSC301H5/ **HSC302H5/HSC307H5** 1.5

Program #4 ERMIN2511 Mathematical Sciences (Science)

Rationale for change: MAT134Y5 will be replaced by MAT132H5 and MAT134H5. MAT135Y5 will be replaced by MAT135H5 and MAT136H5.

Before: Notes:
- MAT223H5 may be taken in the first year.
- Students who have the required prerequisites may take CSC236H5 and CSC310H5 and have them counted under "Higher Years".
- Students may replace the combination **(MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5** and MAT232H5) with the combination (MAT133Y5 and MAT233H5).
First Year MAT102H5, **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**

After: Notes:
- MAT223H5 may be taken in the first year.
- Students who have the required prerequisites may take CSC236H5 and CSC310H5 and have them counted under "Higher Years".
- Students may replace the combination **((MAT132H5, MAT134H5)/(MAT135H5, MAT136H5)/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5** and MAT232H5) with the combination (MAT133Y5 and MAT233H5).
First Year MAT102H5, **(MAT132H5, MAT134H5)/(MAT135H5, MAT136H5)/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**

Program #5 ERSPE1020 Ecology and Evolution (Science)

Rationale for change: BIO339H5 is being added to the organismal biology list because the instructor has indicated it is a organismal course so should be listed within this group. BIO443H5 should be listed as a course requirement for this program because it can be seen as a "macroevolution" course. BIO342H5 is a "microevolution" course that is a required course for this program, so both courses should be required for this program. The instructor is okay with the possibility of increased enrollment.

Before:
Third and Fourth years
- BIO313H5 and BIO342H5
- STA215H5 and BIO360H5
- 1.0 credit from courses in organismal biology: BIO325H5, BIO326H5, BIO335H5, BIO338H5, BIO354H5, BIO356H5, BIO370Y5/ BIO371H5
- 0.5 credit from field courses: BIO416H5, other 2-week OUPFB** Field Courses
- **2.5** credits from core ecology/evolutionary biology courses: BIO311H5, BIO330H5, BIO331H5, BIO333H5, **BIO339H5**, BIO341H5, BIO361H5, BIO373H5, BIO378H5, BIO406H5, BIO445H5, **BIO443H5**, BIO464H5; GGR312H5
- 1.0 credits from other biology courses at the 300/ 400 level.
- 1.0 credit from related courses from other departments: MAT212H5, MAT222H5, MAT232H5; STA302H5, STA322H5; GGR227H5, GGR278H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, or from courses listed in #4, #5 and #6
** Ontario Universities Program in Field Biology

After:
Third and Fourth years
- BIO313H5 and BIO342H5 **and BIO443H5**
- STA215H5 and BIO360H5
- 1.0 credit from courses in organismal biology: BIO325H5, BIO326H5, BIO335H5, BIO338H5, **BIO339H5**, BIO354H5, BIO356H5, BIO370Y5/ BIO371H5
- 0.5 credit from field courses: BIO416H5, other 2-week OUPFB** Field Courses
- **2.0** credits from core ecology/evolutionary biology courses: BIO311H5, BIO330H5, BIO331H5, BIO333H5, BIO341H5, BIO361H5, BIO373H5, BIO378H5, BIO406H5, BIO445H5, BIO464H5; GGR312H5
- 1.0 credits from other biology courses at the 300/ 400 level.
- 1.0 credit from related courses from other departments: MAT212H5, MAT222H5, MAT232H5; STA302H5,

STA322H5; GGR227H5, GGR278H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, or from courses listed in #4, #5 and #6

** Ontario Universities Program in Field Biology

Program #6 ERSPE1025 Astronomical Sciences (Science)

Rationale for change: The specialist program currently requires CSC108H5 to introduce students to computing, which is essential for astronomy. However, there are multiple courses that can provide this introduction, so two alternative courses have been listed: AST325H1: Introduction to Practical Astronomy that teaches the use of standard software packages and the UNIX/Linux operating systems widely used in astronomy; JCP265H5: Introduction to Scientific Computing that has recently been offered at UTM and is more science focused than the more generic CSC108H.

Before:

Third Year AST320H1(G); **CSC108H5**, JCP321H5, 322H5; MAT311H5, 334H5; PHY325H5, 347H5

After:

Third Year AST320H1(G); **AST325H1/JCP265H5/CSC108H5**, JCP321H5, 322H5; MAT311H5, 334H5; PHY325H5, 347H5

Program #7 ERSPE1376 Chemistry (Science)

Rationale for change: A curriculum review meeting amongst our chemistry faculty was held in January 2018 to discuss the recently increased specialist program entry thresholds (from a grade of 65% to 70% in CHM120H5). The group expressed that they did not see how raising the bar at an early stage of an undergraduate student's career necessarily leads to performance improvements and were concerned about what the perception of students would be from setting (what may appear to them to be) an incredibly high bar. Moreover, with regards to the regulations of the University of Toronto, a 65% average represents an adequate standing. This change would also place our entry requirements in better congruence with those of the Department of Chemistry at the St. George campus (63% in first-year CHM). A majority vote was recorded (7:1) to have the entry threshold moved back to 65% in CHM120H5. The second change involves addressing a course code change, where ERI398H5 will be changed to CPS398H5.

Before:

Limited Enrolment: Enrolment in this program is restricted. Selection will be based on completion of 4.0 credits including (CHM110H5,120H5) (minimum grade of **70%** in 120H5); MAT134Y5/ 135Y5/ 137Y5/157Y5 (minimum grade of 65%); and a minimum CGPA of 2.5. Year 4 CHM(395H5, 397H5)/ 399Y5/ 489Y5/ CPS400Y5/ JCB487Y5; 1.5 400 level CHM/JCP lecture courses, 1.0 credits from 300/400 level CHM/JBC/JCP or **ERI398H5** (with permission of the Department of Chemical and Physical Sciences).

After:

Limited Enrolment: Enrolment in this program is restricted. Selection will be based on completion of 4.0 credits including (CHM110H5,120H5) (minimum grade of **65%** in 120H5); MAT134Y5/ 135Y5/ 137Y5/157Y5 (minimum grade of 65%); and a minimum CGPA of 2.5. Year 4 CHM(395H5, 397H5)/ 399Y5/ 489Y5/ CPS400Y5/ JCB487Y5; 1.5 400 level CHM/JCP lecture courses, 1.0 credits from 300/400 level CHM/JBC/JCP or **CPS398H5** (with permission of the Department of Chemical and Physical Sciences).

Program #8 ERSPE1465 Earth Science (Science)

Rationale for change:

Before:

First Year (ERS101H5, ERS111H5) / ENV100Y5; (**CHM110H5,120H5**); MAT134Y5/ 135Y5/ **137Y5; (PHY136H5,137H5)**/(PHY146H5,147H5)

After:

First Year (ERS101H5, ERS111H5) / ENV100Y5; MAT134Y5/ 135Y5/ **137Y5;(CHM110H5,120H5) /(PHY136H5,137H5) /**/(PHY146H5,147H5)

Program #9 ERSPE1995 Biological Chemistry (Science)

- Rationale for change:** A curriculum review meeting amongst our chemistry faculty was held in January 2018 to discuss the recently increased specialist program entry thresholds (from a grade of 65% to 70% in CHM120H5). The group expressed that they did not see how raising the bar at an early stage of an undergraduate student's career necessarily leads to performance improvements and were concerned about what the perception of students would be from setting (what may appear to them to be) an incredibly high bar. Moreover, with regards to the regulations of the University of Toronto, a 65% average represents an adequate standing. This change would also place our entry requirements in better congruence with those of the Department of Chemistry at the St. George campus (63% in first-year CHM). A majority vote was recorded (7:1) to have the entry threshold moved back to 65% in CHM120H5.
- Before:** Limited Enrolment: Enrolment in this program is restricted. Selection will be based on completion of 4.0 credits including (CHM110H5,120H5) (minimum grade of **70%** in 120H5); MAT134Y5/ 135Y5/ 137Y5 / **157Y5**(**minimum** grade of 65%); and a minimum CGPA of 2.5. Completion of BIO152H5 is recommended.
- After:** Limited Enrolment: Enrolment in this program is restricted. Selection will be based on completion of 4.0 credits including (CHM110H5,120H5) (minimum grade of **65%** in 120H5); MAT134Y5/ 135Y5/ 137Y5 / **157Y5** (**minimum** grade of 65%); and a minimum CGPA of 2.5. Completion of BIO152H5 is recommended.
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New Courses

Course #1 CPS398H5 Teaching Opportunity Program in Sciences **EXP (SCI,EXP)**

Description: A scholarly, active learning project in which students integrate and apply their understanding of science and pedagogy by observing, actively participating in, and reflecting on the teaching and learning process under the supervision of an experienced instructor/mentor. This course may be taken in either the Summer, Fall or Winter terms. Enrolment requires submitting an application to the department before the end of the term prior to that in which it is intended to undertake the research. Independent Studies Application Forms may be found at <http://uoft.me/cpsforms>. Students should plan for the course in March of the previous academic year and register as soon as their registration period begins. Students are encouraged to consult with, and obtain the consent of, prospective supervisors before applying for enrolment. Enrolment will depend on the availability of positions. [30L]

Prerequisite: This course is "by Instructor Approval". At least 10.0 courses completed; enrolment in a life, mathematical, or physical science major or specialist program; an average of B-(CGPA 2.7) or higher

Rationale: CPS398H is an independent study course that serves the needs of CPS students who may not be interested in a traditional "scientific research" route. Many of our students are interested in teaching in schools and/or communicating science via developing websites and printed material (e.g. science writing). Our students are also interested in developing new pedagogical tools: for example, Ulrich Fekl had a student in Winter term 2018 explore how students engaged with different types of models and computer simulations. The students submit a 10-20 page final report that focuses on quantitative analysis of their data and critical thinking about their findings; they also give a formal oral presentation followed by questions and answers. Thus, the students are assessed using multiple types of assessment that furthers their development of the Degree Learning Expectations.

No. Hours

Instruction:

Offered at St George: No

Revived Course: No

Course #2 CSC367H5 Parallel Programming **(SCI)**

Description: Introduction to aspects of parallel programming. Topics include computer instruction execution, instruction-level parallelism, memory system performance, task and data parallelism, parallel models (shared memory, message passing), synchronization, scalability and Amdahl's law, Flynn taxonomy, vector processing and parallel computing architectures. [24L, 12P]

Exclusion: CSC367H1

Prerequisite: CSC209H5, CSC258H5, CSC290H5

Rationale: In the current computational landscape, there is a growing need for expertise with parallel programming in a wide spectrum of Computer Science areas. Our students should develop the ability to program applications that leverage parallel processing effectively. In increasingly higher application domains, designing parallel solutions for solving large problems requires a solid understanding of parallel architectures and parallel models (e.g., shared memory, message passing), efficient synchronization, and scalability considerations.
Note: This course is being introduced for a newly hired faculty member. The course was designed and developed by this instructor for the downtown campus and has been approved for their program. This course description matches the downtown description.

No. Hours Instruction: 24

Offered at St George: Yes

Revived Course: No

Course #3 MAT132H5 Differential Calculus for Life Sciences **(SCI)**

Description: Review of functions and their graphs, trigonometry, exponentials and logarithms. Limits and continuity of functions of a single variable. Derivatives and differentiation techniques. Applications of differentiation, including extreme values, related rates and optimization. Life science applications are emphasized. [40L, 12T]

Exclusion: MAT135H5, MAT133Y5, MAT134Y5, MAT135Y5, MAT137Y5, MAT133Y1, MAT135Y1, MAT135H1, MAT137Y1, MAT157Y1, MAT157Y5, MATA29H3, MATA30H3, MATA31H3, MATA32H3

Prerequisite: Minimum 70% in Grade 12 Advanced Functions (MHF4U) Highly Recommended: Minimum 70% in Grade 12 Calculus and Vectors (MCV4U)

Rationale: New half-credit first year calculus courses to replace MAT134Y5.

No. Hours Instruction: 40
Offered at St George: No
Revived Course: No

Course #4 MAT134H5 Integral Calculus for Life Sciences (SCI)

Description: Antiderivatives and indefinite integrals in one variable, definite integrals and the fundamental theorem of calculus. Integration techniques and applications of integration. Infinite sequences, series and convergence tests. Power series, Taylor and Maclaurin series. Life science applications are emphasized. [40L, 12T]

Exclusion: MAT133Y5, MAT134Y5, MAT135Y5, MAT137Y5, MAT133Y1, MAT135Y1, MAT136H1, MAT136H5, MAT137Y1, MAT157Y1, MAT157Y5, MATA33H3, MATA35H3, MATA36H3, MATA37H3

Prerequisite: MAT132H5/MAT135H5/MAT135H1/MATA29H3/MATA30H3/MATA31H3

Rationale: New half-credit first year calculus courses to replace MAT134Y5.

No. Hours Instruction: 40
Offered at St George: No
Revived Course: No

Course #5 MAT135H5 Differential Calculus (SCI)

Description: Review of functions and their graphs, trigonometry, exponentials and logarithms. Limits and continuity of functions of a single variable. Derivatives and differentiation techniques. Applications of differentiation, including extreme values, related rates and optimization. A wide range of applications from the sciences will be discussed. [40L, 12T]

Exclusion: MAT132H5, MAT133Y5, MAT134Y5, MAT135Y5, MAT137Y5, MAT133Y1, MAT135Y1, MAT135H1, MAT137Y1, MAT157Y1, MAT157Y5, MATA29H3, MATA30H3, MATA31H3, MATA32H3

Prerequisite: Minimum 70% in Grade 12 Advanced Functions (MHF4U) Highly Recommended: Minimum 70% in Grade 12 Calculus and Vectors (MCV4U)

Rationale: New half-credit first year calculus courses to replace MAT135Y5.

No. Hours Instruction: 40
Offered at St George: Yes
Revived Course: No

Course #6 MAT136H5 Integral Calculus (SCI)

Description: Antiderivatives and indefinite integrals in one variable, definite integrals and the fundamental theorem of calculus. Integration techniques and applications of integration. Infinite sequences, series and convergence tests. Power series, Taylor and Maclaurin series. A wide range of applications from the sciences will be discussed. [40L, 12T]

Exclusion: MAT133Y5, MAT134Y5, MAT135Y5, MAT137Y5, MAT133Y1, MAT135Y1, MAT136H1, MAT134H5, MAT137Y1, MAT157Y1, MAT157Y5, MATA33H3, MATA35H3, MATA36H3, MATA37H3

Prerequisite: MAT132H5/MAT135H5/MAT135H1/MATA29H3/MATA30H3/MATA31H3

Rationale: New half-credit first year calculus courses to replace MAT135Y5.

No. Hours Instruction: 40
Offered at St George: Yes
Revived Course: No

Courses - Resource Implications

Course #1 ANT334H5 Human Osteology

Resource implications: There will be TA resource implications. Necessary forms were submitted to the Dean's office and contacted to request additional relevant forms to be completed.

Course #2 ANT414H5 People and Plants in Prehistory

Resource implications: none

Course #3 ANT415H5 Faunal Archaeo-Osteology

Resource implications: There will be TA resource implications. Necessary forms were submitted to the Dean's office and contacted to request additional relevant forms to be completed.

Course #4 ANT434H5 Palaeopathology

Resource implications: There will be TA resource implications. Necessary forms were submitted to the Dean's office and contacted to request additional relevant forms to be completed.

Course #5 ANT439H5 Advanced Forensic Anthropology

Resource implications: There will be TA resource implications. Necessary forms were submitted to the Dean's office and contacted to request additional relevant forms to be completed.

Course #6 ANT441H5 Advanced Bioarchaeology

Resource implications: There will be TA resource implications. Necessary forms were submitted to the Dean's office and contacted to request additional relevant forms to be completed.

Course #7 AST101H5 Solar System Astronomy

Resource implications: none

Course #8 AST110H5 Introduction to Astronomical Observations

Resource implications: none

Course #9 AST201H5 Stars and Galaxies

Resource implications: none

Course #10 AST252H5 Cosmic Evolution

Resource implications: none

Course #11 BIO313H5 Field Methods and Experimental Design in Ecology

Resource implications: There are no resource implications.

Course #12 BIO362H5 Bioinformatics

Resource implications: There are no resource implications.

Course #13 BIO372H5 Molecular Biology

Resource implications: There are no resource implications.

Course #14 BIO407H5 Behaviour Genetics

Resource implications: There are no resource implications.

Course #15 BIO477H5 The Human Genome and Cancer Biology

Resource implications: There are no resource implications.

Course #16 CPS398H5 Teaching Opportunity Program in Sciences

Resource implications: none

Course #17 CSC333H5 Forensic Computing

Resource implications: None.

Course #18 CSC367H5 Parallel Programming

Resource implications: The instructor for this course has been hired. The course will require TA support similar to other third year systems courses (CSC369H5, CSC358H5).

Course #19 CSC409H5 Scalable Computing

Resource implications: None.

Course #20 HSC404H5 Advanced Visual Media for Anthropological Data

Resource implications: There are no resource implications.

Course #21 JCP265H5 Introduction to Scientific Computing

Resource implications: NONE

Course #22 JCP421H5 Quantum Mechanics II: Applications

Resource implications: TA resources required for Marking. TA rationale form will be sent to Curriculum office.

Course #23 MAT102H5 Introduction to Mathematical Proofs

Resource implications: None.

Course #24 MAT132H5 Differential Calculus for Life Sciences

Resource implications: Same TA hours as in MAT134Y5 and MAT135Y5 are needed, plus another 50 hours per year to facilitate two additional final exams and course logistics.

Course #25 MAT134H5 Integral Calculus for Life Sciences

Resource implications: Same TA hours as in MAT134Y5 and MAT135Y5 are needed, plus another 50 hours per year to facilitate two additional final exams and course logistics.

Course #26 MAT135H5 Differential Calculus

Resource implications: Same TA hours as in MAT134Y5 and MAT135Y5 are needed, plus another 50 hours per year to facilitate two additional final exams and course logistics.

Course #27 MAT136H5 Integral Calculus

Resource implications: Same TA hours as in MAT134Y5 and MAT135Y5 are needed, plus another 50 hours per year to facilitate two additional final exams and course logistics.

Course #28 MAT137Y5 Calculus

Resource implications: None.

Course #29 MAT157Y5 Analysis I

Resource implications: None.

Course #30 MAT202H5 Introduction to Discrete Mathematics

Resource implications: None.

Course #31 MAT223H5 Linear Algebra I

Resource implications: None.

Course #32 MAT232H5 Calculus of Several Variables

Resource implications: None.

Course #33 MAT233H5 Calculus of Several Variables

Resource implications: None.

Course #34 MAT240H5 Algebra I

Resource implications: None.

Course #35 MAT257Y5 Analysis II

Resource implications: None.

Course #36 MAT309H5 Introduction to Mathematical Logic

Resource implications: None.

Course #37 MAT315H5 Introduction to Number Theory

Resource implications: None.

Course #38 MAT332H5 Introduction to Nonlinear Dynamics and Chaos

Resource implications: None.

Course #39 MAT382H5 Mathematics for Teachers

Resource implications: None.

Course #40 PHY325H5 Mathematical and Computational Physics

Resource implications: none

Course #41 STA305H5 Experimental Design

Resource implications: None.

Course #42 utm111H5 utmONE: Tools of the Trade

Resource implications: none

Course #43 utm118H5 utmONE: Science of Learning

Resource implications: none

Course #44 utm197H5 utmONE Scholars: Humans in Nature: Interactions and Impacts

Resource implications: none

Course #45 utm290H5 utmONE Scholars: Launching Your Research

Resource implications: none

Course #4 STA302H5 Regression Analysis

Resource implications: None.

Deleted Courses

Course #1 ERI398H5 Teaching Opportunity Program in Sciences (TOPS)

Rationale: There is no academic unit affiliated with ERI designator courses. This course will be replaced with CPS398H5 and will be permanently affiliated with Chemical and Physical Sciences.

Course #2 MAT134Y5 Calculus for Life Sciences

Rationale: New Half-Credit First Year Calculus Courses to Replace MAT134Y5 and MAT135Y5

Rational:

MAT134Y5 and MAT135Y5 are two of our large first year calculus courses, taken by more than 2000 students every year. MAT134Y5 is a first year calculus course for students in the life sciences, and MAT135 is a first year calculus course for those in all the other sciences (including physical sciences, statistics, mathematics, computer science, astronomy and others).

Over the years, we found that many of our students struggle with first year calculus, and often need to retake it. Moreover, these full-year courses create logistical and administrative challenges, such as conflicts with other UTM courses (in particular, half-courses in other departments).

We believe that splitting these courses into two half-courses will help addressing most of these challenges, and increase flexibility in planning, for both students and departments. This is also consistent with the splitting of MAT135Y1 at St. George, which was done several years ago.

We suggest splitting each of the two full-year courses (MAT134Y5 and MAT135Y5) into two half courses, as follows:

- MAT134Y5 = MAT132H5 + MAT134H5
- MAT132H5 Differential Calculus for Life Sciences
- MAT134H5 Integral Calculus for Life Sciences
- MAT135Y5 = MAT135H5 + MAT136H5
- MAT135H5 Differential Calculus
- MAT136H5 Integral Calculus

Specifically, we believe that such splitting has the following advantages:

1. Students will be able to repeat a half course, when needed, instead of a full-year course.
 2. All the new half-courses will be offered in the summer at regular speed. We will no longer offer summer courses at double-speed, in which students seem to struggle a lot.
 3. Students will need to complete a course in Differential Calculus, before taking the follow-up course in Integral Calculus. Right now, many students, who struggle with Differential Calculus remain in MAT134Y5/MAT135Y, even though their chances of doing well are slim.
 4. Transfer credits will be easier to assign for students who complete a one-semester calculus course elsewhere.
 5. With half-courses, flexibility in scheduling and timetabling increases, and avoiding conflicts become easier.
 6. Students who decide to drop a higher level calculus course (such as MAT137) in the fall semester, will be able to complete either MAT132H5+MAT134H5 or MAT135H5+MAT136H5 in the Winter and Summer semesters of their first year. This way, they will not be behind when they start their second year.
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Course #3 MAT135Y5 Calculus

Rationale: New Half-Credit First Year Calculus Courses to Replace MAT134Y5 and MAT135Y5

Rational:

MAT134Y5 and MAT135Y5 are two of our large first year calculus courses, taken by more than 2000 students every year. MAT134Y5 is a first year calculus course for students in the life sciences, and MAT135 is a first year calculus course for those in all the other sciences (including physical sciences, statistics, mathematics, computer science, astronomy and others).

Over the years, we found that many of our students struggle with first year calculus, and often need to retake it. Moreover, these full-year courses create logistical and administrative challenges, such as conflicts with other UTM courses (in particular, half-courses in other departments).

We believe that splitting these courses into two half-courses will help addressing most of these challenges, and increase flexibility in planning, for both students and departments. This is also consistent with the splitting of MAT135Y1 at St. George, which was done several years ago.

We suggest splitting each of the two full-year courses (MAT134Y5 and MAT135Y5) into two half courses, as follows:

- MAT134Y5 = MAT132H5 + MAT134H5
- MAT132H5 Differential Calculus for Life Sciences
- MAT134H5 Integral Calculus for Life Sciences
- MAT135Y5 = MAT135H5 + MAT136H5
- MAT135H5 Differential Calculus
- MAT136H5 Integral Calculus

Specifically, we believe that such splitting has the following advantages:

1. Students will be able to repeat a half course, when needed, instead of a full-year course.
 2. All the new half-courses will be offered in the summer at regular speed. We will no longer offer summer courses at double-speed, in which students seem to struggle a lot.
 3. Students will need to complete a course in Differential Calculus, before taking the follow-up course in Integral Calculus. Right now, many students, who struggle with Differential Calculus remain in MAT134Y5/MAT135Y, even though their chances of doing well are slim.
 4. Transfer credits will be easier to assign for students who complete a one-semester calculus course elsewhere.
 5. With half-courses, flexibility in scheduling and timetabling increases, and avoiding conflicts become easier.
 6. Students who decide to drop a higher level calculus course (such as MAT137) in the fall semester, will be able to complete either MAT132H5+MAT134H5 or MAT135H5+MAT136H5 in the Winter and Summer semesters of their first year. This way, they will not be behind when they start their second year.
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Courses - Description Changes

Course #1 ANT334H5 Human Osteology

Before: In this course students are given hands-on experience in the identification of the normal anatomy of the adult human skeleton with accompanying muscle function. Metrical variation, growth and development, bone histology, and methods of individual identification are introduced. [12L, **24P**]

After: In this course students are given hands-on experience in the identification of the normal anatomy of the adult human skeleton with accompanying muscle function. Metrical variation, growth and development, bone histology, and methods of individual identification are introduced. [12L, **36P**]

Rationale: This lab course is one of five courses which were full year (Y) courses that were altered to fit the half-year (H) model. The original full year courses consisted of 1 hour of lecture and 2 hours of lab for 24 weeks. This structure was maintained when the courses were altered to half-year (H) courses [12L, 24P]. In a half-year (H) format a 2-hour lab is insufficient time for students to learn and practice each new skill, especially when equipment and materials (skeletons, casts, etc.) must be shared. Most of these courses were relying on TA-supervised open lab hours to provide students with additional time to complete assignments and practice essential skills. Unscheduled open lab places an unfair burden on students. They do not have the same course schedules, which means some students are able to attend more open lab time than others. Students are sometimes forced to decide between attending a scheduled lecture in one class, or an unscheduled open lab for another course. Such conflicts can be eliminated, and equal access to lab materials can be provided to all students with the addition of an extra scheduled hour of lab time in each of these courses.

Course #2 ANT414H5 People and Plants in Prehistory

Before: The examination of plant remains from archaeological sites addresses many issues, some of which include environmental interaction, plant domestication, and early plant use. Students will learn plant remains identification and interpretation skills through a combination of laboratory and seminar sessions. [12L, 24P]

After: The examination of plant remains from archaeological sites addresses many issues, some of which include environmental interaction, plant domestication, and early plant use. Students will learn plant remains identification and interpretation skills through a combination of laboratory and seminar sessions. ***In some years, students may additionally have the option of participating in an international learning experience during Reading Week that will have an additional cost and application process.*** [12L, 24P]

Rationale: The Professor would like to make available an international experiential opportunity where students travel to Japan to examine the archaeological site from which samples were obtained, to learn the natural history of Hokkaido, to learn about heritage management and to meet with Ainu people whose ancestors the course studies.

Course #3 ANT415H5 Faunal Archaeo-Osteology

Before: Examination and interpretation of faunal material from archaeological sites, to obtain cultural information regarding the site occupants. [12L, **24P**]

After: Examination and interpretation of faunal material from archaeological sites, to obtain cultural information regarding the site occupants. [12L, **36P**]

Rationale: This lab course is one of five courses which were full year (Y) courses that were altered to fit the half-year (H) model. The original full year courses consisted of 1 hour of lecture and 2 hours of lab for 24 weeks. This structure was maintained when the courses were altered to half-year (H) courses [12L, 24P]. In a half-year (H) format a 2-hour lab is insufficient time for students to learn and practice each new skill, especially when equipment and materials (skeletons, casts, etc.) must be shared. Most of these courses were relying on TA-supervised open lab hours to provide students with additional time to complete assignments and practice essential skills. Unscheduled open lab places an unfair burden on students. They do not have the same course schedules, which means some students are able to attend more open lab time than others. Students are sometimes forced to decide between attending a scheduled lecture in one class, or an unscheduled open lab for another course. Such conflicts can be eliminated, and equal access to lab materials can be provided to all students with the addition of an extra scheduled hour of lab time in each of these courses.

Course #4 ANT434H5 Palaeopathology

Before: The study of diseases and maladies of ancient populations. The course will survey the range of pathology on human skeletons, (trauma, infection, syphilis, tuberculosis, leprosy, anemia, metabolic disturbances, arthritis and tumors). [12L, **24P**]

After: The study of diseases and maladies of ancient populations. The course will survey the range of pathology on human skeletons, (trauma, infection, syphilis, tuberculosis, leprosy, anemia, metabolic disturbances, arthritis and tumors). [12L, **36P**]

Rationale: This lab course is one of five courses which were full year (Y) courses that were altered to fit the half-year (H) model. The original full year courses consisted of 1 hour of lecture and 2 hours of lab for 24 weeks. This structure was maintained when the courses were altered to half-year (H) courses [12L, 24P]. In a half-year (H) format a 2-hour lab is insufficient time for students to learn and practice each new skill, especially when equipment and materials (skeletons, casts, etc.) must be shared. Most of these courses were relying on TA-supervised open lab hours to provide students with additional time to complete assignments and practice essential skills. Unscheduled open lab places an unfair burden on students. They do not have the same course schedules, which means some students are able to attend more open lab time than others. Students are sometimes forced to decide between attending a scheduled lecture in one class, or an unscheduled open lab for another course. Such conflicts can be eliminated, and equal access to lab materials can be provided to all students with the addition of an extra scheduled hour of lab time in each of these courses.

Course #5 ANT439H5 Advanced Forensic Anthropology

Before: The identification of the remains of victims of homicide, mass disasters and political atrocities. Special methods are used in the recovery and identification of human skeletal remains for presentation in courts of law. [12L, **24P**]

After: The identification of the remains of victims of homicide, mass disasters and political atrocities. Special methods are used in the recovery and identification of human skeletal remains for presentation in courts of law. [12L, **36P**]

Rationale: This lab course is one of five courses which were full year (Y) courses that were altered to fit the half-year (H) model. The original full year courses consisted of 1 hour of lecture and 2 hours of lab for 24 weeks. This structure was maintained when the courses were altered to half-year (H) courses [12L, 24P]. In a half-year (H) format a 2-hour lab is insufficient time for students to learn and practice each new skill, especially when equipment and materials (skeletons, casts, etc.) must be shared. Most of these courses were relying on TA-supervised open lab hours to provide students with additional time to complete assignments and practice essential skills. Unscheduled open lab places an unfair burden on students. They do not have the same course schedules, which means some students are able to attend more open lab time than others. Students are sometimes forced to decide between attending a scheduled lecture in one class, or an unscheduled open lab for another course. Such conflicts can be eliminated, and equal access to lab materials can be provided to all students with the addition of an extra scheduled hour of lab time in each of these courses. Rationale for Alternate Years notation: to help students plan which year to take these courses.

Course #6 ANT439H5 Advanced Forensic Anthropology

Before:

After: ***ANT439H5 is offered in alternate years, alternating with ANT441H5.***

Rationale: This lab course is one of five courses which were full year (Y) courses that were altered to fit the half-year (H) model. The original full year courses consisted of 1 hour of lecture and 2 hours of lab for 24 weeks. This structure was maintained when the courses were altered to half-year (H) courses [12L, 24P]. In a half-year (H) format a 2-hour lab is insufficient time for students to learn and practice each new skill, especially when equipment and materials (skeletons, casts, etc.) must be shared. Most of these courses were relying on TA-supervised open lab hours to provide students with additional time to complete assignments and practice essential skills. Unscheduled open lab places an unfair burden on students. They do not have the same course schedules, which means some students are able to attend more open lab time than others. Students are sometimes forced to decide between attending a scheduled lecture in one class, or an unscheduled open lab for another course. Such conflicts can be eliminated, and equal access to lab materials can be provided to all students with the addition of an extra scheduled hour of lab time in each of these courses. Rationale for Alternate Years notation: to help students plan which year to take these courses.

Course #7 ANT441H5 Advanced Bioarchaeology

Before: This course will combine theory learned in ANT340H5, Osteological Theory, with bioarchaeological methods to teach students how to conduct and interpret an osteobiography of human skeletal remains. Lectures and labs will cover techniques of sex determination, age estimation, stature calculation, evaluating health and nutrition, assessing markers of occupational stress, osteometrics, biological distance studies, and paleodemography. [24L, **12P**]

After: This course will combine theory learned in ANT340H5, Osteological Theory, with bioarchaeological methods to teach students how to conduct and interpret an osteobiography of human skeletal remains. Lectures and labs will cover techniques of sex determination, age estimation, stature calculation, evaluating health and nutrition, assessing markers of occupational stress, osteometrics, biological distance studies, and paleodemography. [24L, **24P**]

Rationale: This lab course is one of five courses which were full year (Y) courses that were altered to fit the half-year (H) model. The original full year courses consisted of 2 hour of lecture and 1 hour of lab for 24 weeks. This structure was maintained when the courses were altered to half-year (H) courses [24L, 12P]. In a half-year (H) format a 1-hour lab is insufficient time for

students to learn and practice each new skill, especially when equipment and materials (skeletons, casts, etc.) must be shared. Most of these courses were relying on TA-supervised open lab hours to provide students with additional time to complete assignments and practice essential skills. Unscheduled open lab places an unfair burden on students. They do not have the same course schedules, which means some students are able to attend more open lab time than others. Students are sometimes forced to decide between attending a scheduled lecture in one class, or an unscheduled open lab for another course. Such conflicts can be eliminated, and equal access to lab materials can be provided to all students with the addition of an extra scheduled hour of lab time in each of these courses. Rationale for Alternate Years notation: to help students plan which year to take these courses.

Course #8 ANT441H5 Advanced Bioarchaeology

Before:

After: *ANT441H5 is offered in alternate years, alternating with ANT439H5.*

Rationale: This lab course is one of five courses which were full year (Y) courses that were altered to fit the half-year (H) model. The original full year courses consisted of 2 hour of lecture and 1 hour of lab for 24 weeks. This structure was maintained when the courses were altered to half-year (H) courses [24L, 12P]. In a half-year (H) format a 1-hour lab is insufficient time for students to learn and practice each new skill, especially when equipment and materials (skeletons, casts, etc.) must be shared. Most of these courses were relying on TA-supervised open lab hours to provide students with additional time to complete assignments and practice essential skills. Unscheduled open lab places an unfair burden on students. They do not have the same course schedules, which means some students are able to attend more open lab time than others. Students are sometimes forced to decide between attending a scheduled lecture in one class, or an unscheduled open lab for another course. Such conflicts can be eliminated, and equal access to lab materials can be provided to all students with the addition of an extra scheduled hour of lab time in each of these courses. Rationale for Alternate Years notation: to help students plan which year to take these courses.

Course #9 AST110H5 Introduction to Astronomical Observations

Before: This course gives a quantitative, scientific introduction to observing, concentrating on objects that can be seen with the naked eye or with binoculars. The measurements will be combined with calculations to yield quantitative conclusions and predictions. This is the first course for students following the major in astronomy or the specialist in astronomical sciences, but it is also suitable for students with the appropriate background who want to understand more fully the celestial phenomena visible to them. *[24L, 12T]*

After: This course gives a quantitative, scientific introduction to observing, concentrating on objects that can be seen with the naked eye or with binoculars. The measurements will be combined with calculations to yield quantitative conclusions and predictions. This is the first course for students following the major in astronomy or the specialist in astronomical sciences, but it is also suitable for students with the appropriate background who want to understand more fully the celestial phenomena visible to them. *[36L]*

Rationale: 1) Since UTM reduced its academic term from 13 weeks to 12 weeks, it has been impossible to cover the material of this course. Changing from 24L, 12T to 36L will make it possible to cover the necessary material. Some of activities done in tutorials can be done in the additional lectures.
2) The room DV2062 that was used for the AST110 tutorials since the course was introduced more than 25 years ago has been "remodeled" recently, but it SO NOISY that it completely useless as a teaching room. Therefore, switching from a very inadequate tutorial room to a conventional classroom would be a tremendous improvement.

Course #10 AST252H5 Cosmic Evolution

Before: The origin and evolution of the chemical elements, the universe, galaxies, stars, planets (interiors and atmospheres), and life - on earth and possibly elsewhere. *[24L]*

After: The origin and evolution of the chemical elements, the universe, galaxies, stars, planets (interiors and atmospheres), and life - on earth and possibly elsewhere. *[36L]*

Rationale: It has been impossible to cover the material of this course in 24 Lectures. Changing from 24L to 36L will make it possible to cover the necessary material.

Course #11 BIO372H5 Molecular Biology

Before: The organization, storage and transmission of genetic information. Structural features of nucleic acids and genes. DNA replication and repair. Transcription mechanisms and regulation. The genetic code and protein synthesis. Introduction to mechanisms of recombination. Selected topics in biotechnology (mutagenesis, gene manipulation, PCR). *[24L, 12T]*

After: The organization, storage and transmission of genetic information. Structural features of nucleic acids and genes. DNA replication and repair. Transcription mechanisms and regulation. The genetic code and protein synthesis. Introduction to

mechanisms of recombination. Selected topics in biotechnology (mutagenesis, gene manipulation, PCR). [36L]

Rationale: Instructor would like to change the teaching hours in this course to 36 lecture hours, in order to cover additional topics in lectures, that would not be covered with the current teaching hours of 24L, 12T. Tutorial sections in the past were often used as lectures, so it makes sense to change the tutorial sections to lectures.

Course #12 BIO407H5 Behaviour Genetics

Before: State of the art techniques used in the genetic, molecular, statistical and neurobiological analysis of behaviour are discussed. We focus on behaviour-genetic analysis of olfaction, foraging, rhythms and sex in three model systems (the worm *C. elegans*, the fruit fly *D. melanogaster* and the mouse). We discuss how information from these model organisms can be used to shed light on behaviour genetics of non-model organisms including humans. [24L, 12P]

After: State of the art techniques used in the genetic, molecular, statistical and neurobiological analysis of behaviour are discussed. We focus on behaviour-genetic analysis of olfaction, foraging, rhythms and sex in three model systems (the worm *C. elegans*, the fruit fly *D. melanogaster* and the mouse). We discuss how information from these model organisms can be used to shed light on behaviour genetics of non-model organisms including humans. [24L]

Rationale: Instructor has taught this course for years without a lab component, and would like the teaching hours changed to reflect the actual structure.

Course #13 BIO477H5 The Human Genome and Cancer Biology

Before: The first part of the course examines ~~how genes are regulated in eukaryotic cells. It also explores the field of functional genomics and in particular examines~~ how gene expression and ~~genomes can be studied on a genome-wide basis using DNA microarrays~~ and high throughput ~~sequencing~~. The second part of the course examines the molecular and genetic basis of cancer including the role of oncogenes, tumor suppressor genes and cell cycle regulating proteins in the development of this disease. It also looks at cancer from a functional genomics perspective. Lectures and seminars involve ~~presentation~~ and discussion of recently published research articles. [36L, 12S]

After: The first part of the course examines the structure and molecular biology of the human genome. Topics will include: the sequencing of the human genome; variation between genomes; and various aspects of functional genomics such as a brief overview of how gene expression is regulated and how genomics is being utilized in health and medicine. Techniques such as high throughput sequencing will be covered. The second part of the course examines the molecular and genetic basis of cancer including the role of oncogenes, tumor suppressor genes and cell cycle regulating proteins in the development of this disease. It also looks at cancer from a functional genomics perspective. Lectures and seminars involve presentations and discussion of recently published research articles. [36L, 12S]

Rationale: A new fourth year course on Gene Expression will be introduced by a new faculty member, and instructor is proposing some changes to the title and course description in order to minimize overlap with new course.

Course #14 CSC333H5 Forensic Computing

Before: Introduction to the tools and techniques of the digital detective. Electronic discovery of digital data, including field investigation methods of the computer crime scene. Focus on the computer science behind computer forensics, network forensics and data forensics. Forensic topics include: computer structure, data acquisition from storage media, file system analysis, network intrusion detection, electronic evidence, Canadian computer crime case law. [24L, 12T]

After: Introduction to the tools and techniques of the digital detective. Electronic discovery of digital data, including field investigation methods of the computer crime scene. Focus on the computer science behind computer forensics, network forensics and data forensics. Forensic topics include: computer structure, data acquisition from storage media, file system analysis, network intrusion detection, electronic evidence, Canadian computer crime case law. [24L, 12P]

Rationale: They would be in the lab.

Course #15 CSC409H5 Scalable Computing

Before: We investigate computation in the large -- utilizing many CPUs with large amounts of memory, large storage and massive connectivity -- to solve computationally complex problems involving big data, serving large collections of users, in high availability, global settings. Our investigation covers both theoretical techniques and current, applied tools used to scale applications on the desktop and in the cloud. Topics include caching, load balancing, parallel computing and models of computation, redundancy, failover strategies, use of GPUs, and noSQL databases. [24L, 12T]

After: We investigate computation in the large -- utilizing many CPUs with large amounts of memory, large storage and massive connectivity -- to solve computationally complex problems involving big data, serving large collections of users, in high availability, global settings. Our investigation covers both theoretical techniques and current, applied tools used to scale applications on the desktop and in the cloud. Topics include caching, load balancing, parallel computing and models of

computation, redundancy, failover strategies, use of GPUs, and noSQL databases. [24L, **12P**]

Rationale: They would be in the lab.

Course #16 JCP421H5 Quantum Mechanics II: Applications

Before: The course offers an in-depth examination of the fundamental principles of quantum theory and a guide to its applications. Topics may vary but will include: time-independent Schrodinger equation, quantum dynamics in Heisenberg and Schrodinger pictures, time-independent perturbation theory, WKB approximation, variational method, spin, addition of angular momentum, time-dependent perturbation theory, scattering. **[36L]**

After: The course offers an in-depth examination of the fundamental principles of quantum theory and a guide to its applications. Topics may vary but will include: time-independent Schrodinger equation, quantum dynamics in Heisenberg and Schrodinger pictures, time-independent perturbation theory, WKB approximation, variational method, spin, addition of angular momentum, time-dependent perturbation theory, scattering. **[24L, 12T]**

Rationale: Formally splitting off 1hr/week into a tutorial session is a more reasonable approach to this class than purely defining the sessions as all lectures

Course #17 MAT102H5 Introduction to Mathematical Proofs

Before: Understanding, using and developing precise expressions of mathematical ideas, including definitions and theorems. Set theory, logical statements and proofs, induction, topics chosen from combinatorics, elementary number theory, Euclidean geometry. **[36L, 12T]**

After: Understanding, using and developing precise expressions of mathematical ideas, including definitions and theorems. Set theory, logical statements and proofs, induction, topics chosen from combinatorics, elementary number theory, Euclidean geometry. **[41L, 12T]**

Rationale: 5-hour tests/quizzes time added to total lecture hours.

Course #18 MAT137Y5 Calculus

Before: A conceptual approach for students with a serious interest in mathematics. Geometric and physical intuition are emphasized but some attention is also given to the theoretical foundations of calculus. Material covers first a review of trigonometric functions followed by discussion of trigonometric identities. The basic concepts of calculus: limits and continuity, the mean value and inverse function theorem, the integral, the fundamental theorem, elementary transcendental functions, Taylor's theorem, sequences and series, power series. **[72L, 48T]**

After: A conceptual approach for students with a serious interest in mathematics. Geometric and physical intuition are emphasized but some attention is also given to the theoretical foundations of calculus. Material covers first a review of trigonometric functions followed by discussion of trigonometric identities. The basic concepts of calculus: limits and continuity, the mean value and inverse function theorem, the integral, the fundamental theorem, elementary transcendental functions, Taylor's theorem, sequences and series, power series. **[80L, 48T]**

Rationale: 8-hour tests/quizzes time added to total lecture hours.

Course #19 MAT223H5 Linear Algebra I

Before: Systems of linear equations, matrix algebra, determinants. Vector geometry in R^2 and R^3 . Complex numbers. R^n : subspaces, linear independence, bases, dimension, column spaces, null spaces, rank and dimension formula. Orthogonality, orthonormal sets, Gram-Schmidt orthogonalization process, least square approximation. Linear transformations from R^n to R^m . The determinant, classical adjoint, Cramer's rule. Eigenvalues, eigenvectors, eigenspaces, diagonalization. Function spaces and applications to a system of linear differential equations. The real and complex number fields. **[36L, 12T]**

After: Systems of linear equations, matrix algebra, determinants. Vector geometry in R^2 and R^3 . Complex numbers. R^n : subspaces, linear independence, bases, dimension, column spaces, null spaces, rank and dimension formula. Orthogonality, orthonormal sets, Gram-Schmidt orthogonalization process, least square approximation. Linear transformations from R^n to R^m . The determinant, classical adjoint, Cramer's rule. Eigenvalues, eigenvectors, eigenspaces, diagonalization. Function spaces and applications to a system of linear differential equations. The real and complex number fields. **[39L, 12T]**

Rationale: 3-hour tests/quizzes time added to total lecture hours.

Course #20 PHY325H5 Mathematical and Computational Physics

- Before:** The theory and application of mathematical methods for the physical sciences. Topics may include: vector calculus, linear algebra applied to coordinate transformations, probability distributions, systems of linear ordinary and partial differential equations and boundary value problems, Fourier analysis and orthogonal functions, the Heat and Wave equations in various coordinate systems, and the use of Legendre polynomials and Spherical Bessel functions. Computational methods and standard software tools will be used to solve complex physics problems. [24L, **12P, 6T**]
- After:** The theory and application of mathematical methods for the physical sciences. Topics may include: vector calculus, linear algebra applied to coordinate transformations, probability distributions, systems of linear ordinary and partial differential equations and boundary value problems, Fourier analysis and orthogonal functions, the Heat and Wave equations in various coordinate systems, and the use of Legendre polynomials and Spherical Bessel functions. Computational methods and standard software tools will be used to solve complex physics problems. [24L, **12T**]
- Rationale:** The practical sessions were never implemented into the design of the course, and since the inception of the course it has been taught/timetabled as 2hr lecture/1hr tutorial per week. This change will fix the discrepancy.
-

Course #21 utm111H5 utmONE: Tools of the Trade

- Before:** This course is an introduction to the common problem-solving tools used in the sciences and social sciences. It is designed to address the fundamental skills needed for comprehension and effective communication in these areas. The skills being addressed may include critical analysis of texts (primary literature, review papers, textbooks), use of databases to gather, manipulate and visualize data; interpretation and presentation of data; information gathering and writing skills (lab reports, critical essays); and oral presentations. Specific examples will be drawn from a variety of current research topics in both the sciences and social sciences. As part of this course students will participate in a series of tutorials that will **introduce** them ~~to essential elements of a holistic student experience~~ (such as ~~career exploration, health and wellness, and co-curricular engagement~~). [24L, 12T]
- After:** This course is an introduction to the common problem-solving tools used in the sciences and social sciences. It is designed to address the fundamental skills needed for comprehension and effective communication in these areas. The skills being addressed may include critical analysis of texts (primary literature, review papers, textbooks), use of databases to gather, manipulate and visualize data; interpretation and presentation of data; information gathering and writing skills (lab reports, critical essays); and oral presentations. Specific examples will be drawn from a variety of current research topics in both the sciences and social sciences. As part of this course students will participate in a series of tutorials that will **help** them build foundations for academic success (such as understanding the value of higher education, developing a growth mindset, and finding passion). [24L, 12T]
- Rationale:** Updated language to reflect the new ONE tutorial model.
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Course #22 utm118H5 utmONE: Science of Learning

- Before:** This interdisciplinary course encourages students to take ownership of their education through a focus on the process of learning how to learn and by cultivating the habits of mind for lifelong achievement and success. Students will explore theories of learning and research on the strategies students should employ to reach deep understanding. "Science of Learning" is designed to help students develop their critical thinking, university-level oral and written communication, critical reading, and other foundational academic skills. As part of this course students will participate in a series of tutorials that will **introduce** them ~~to essential elements of a holistic student experience~~ (such as ~~career exploration, health and wellness, and co-curricular engagement~~). [24L, 12T]
- After:** This interdisciplinary course encourages students to take ownership of their education through a focus on the process of learning how to learn and by cultivating the habits of mind for lifelong achievement and success. Students will explore theories of learning and research on the strategies students should employ to reach deep understanding. "Science of Learning" is designed to help students develop their critical thinking, university-level oral and written communication, critical reading, and other foundational academic skills. As part of this course students will participate in a series of tutorials that will **help** them build foundations for academic success (such as understanding the value of higher education, developing a growth mindset, and finding passion). [24L, 12T]
- Rationale:** Updated language to reflect the new ONE tutorial model.
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Course #23 utm197H5 utmONE Scholars: Humans in Nature: Interactions and Impacts

- Before:** This course will explore how humans have utilized the natural world and the impacts it has had on both the global environment and human societies. We will focus on topics such as human and natural history, conservation, sustainability, resource exploitation, domestication, GMOs, and our fascination with nature. The course will include a field **component** in our campus environment. ~~As part of this course students will participate in a series of tutorials that will introduce them to essential elements of a holistic student experience (such as career exploration, health and wellness, and co-curricular engagement)~~. [24S]
- After:** This course will explore how humans have utilized the natural world and the impacts it has had on both the global environment and human societies. We will focus on topics such as human and natural history, conservation, sustainability, resource exploitation, domestication, GMOs, and our fascination with nature. The course will include a field **walk** in our campus environment. [24S]

Rationale: Removed language that was part of the old utmONE course, this course is now a Scholars course. Additionally changed component to walk to better reflect the work being done in the course.

Course #24 utm290H5 utmONE Scholars: Launching Your Research

Before: This seminar provides students with the opportunity to build on the skills introduced in utmONE Scholars seminars, and participate in a research project under the close supervision of faculty members. Thematic content will vary from year to year, but there will be an emphasis on developing research methods and the clear communication of research findings. In some years, as part of this course students may have the option of participating in an international learning experience during Reading Week that will have an additional cost. Preference will be given to students who have previously completed a utmONE Scholars seminar. Limited Enrolment and Application Process: see **Office of Student Transition** Website for more details. [24S]

After: This seminar provides students with the opportunity to build on the skills introduced in utmONE Scholars seminars, and participate in a research project under the close supervision of faculty members. Thematic content will vary from year to year, but there will be an emphasis on developing research methods and the clear communication of research findings. In some years, as part of this course students may have the option of participating in an international learning experience during Reading Week that will have an additional cost. Preference will be given to students who have previously completed a utmONE Scholars seminar. Limited Enrolment and Application Process: see **the Centre for Student Engagement** Website for more details. [24S]

Rationale: Office of Student Transition merger with the Center for Student Engagement

Changes in Course Name

Course #1 BIO313H5 Field Methods and Experimental Design in Ecology

Before: Field Methods and *Statistical Analyses* in Ecology

After: Field Methods and *Experimental Design* in Ecology

Rationale: This is a project based course where students design and carry out research projects. There is some statistical analyses of the data, but the emphasis is on gaining practical experience designing and carrying out field-based ecological research.

Course #2 BIO477H5 The Human Genome and Cancer Biology

Before: *Molecular Biology of Gene Expression* and Cancer

After: *The Human Genome* and Cancer *Biology*

Rationale: A new fourth year course on Gene Expression will be introduced by a new faculty member, and instructor is proposing some changes to the title and course description in order to minimize overlap with new course.

Courses - Other Changes

Course #1 ANT414H5 People and Plants in Prehistory

Before: Distribution: SCI EXP

After: Distribution: SCI EXP **INTLO**

Rationale: The Professor would like to make available an international experiential opportunity where students travel to Japan to examine the archaeological site from which samples were obtained, to learn the natural history of Hokkaido, to learn about heritage management and to meet with Ainu people whose ancestors the course studies.

Course #2 AST101H5 Solar System Astronomy

Before: Course Exclusion: **A** 100 or higher level course in Chemistry or Physics with the exception of CHM110H5, CHM101H1, **CHM136H1**, PHY100H5, PHY100H1, PHY101H5, PHY201H1, PHY202H1, **PHY205H1; AST252H5, AST101H1, 121H1, 221H1, 251H1: ASTA01H3**

After: Course Exclusion: **AST101H1, AST121H1, AST221H1, ASTA01H3 or any** 100 or higher level course in Chemistry or Physics with the exception of CHM110H5, CHM101H1, **CHM135H1**, PHY100H5, PHY100H1, PHY101H5, PHY201H1, PHY202H1, **PHY205H1.**

Rationale: Modify exclusions for UTM astronomy courses to bring them into alignment with the exclusions for the same courses on the St. George campus

Course #3 AST110H5 Introduction to Astronomical Observations

Before: Course Exclusion: **AST325H1, 326H1**

After: Course Exclusion: **AST326Y1**

Rationale: AST325H1 is now more computationally oriented and so it is being allowed as one option for the required course introducing students to computation. It is no longer excluded. AST326Y1 has been expanded to a full-year course with observations, so it is excluded.

Course #4 AST201H5 Stars and Galaxies

Before: Course Exclusion: **A** 100 or higher level course in Chemistry or Physics with the exception of CHM110H5, CHM101H1, **CHM136H1**, PHY100H5, PHY100H1, **PHY101H5**, PHY201H1, PHY202H1, **PHY205H1; AST252H5, AST101H1, 121H1, 221H1, 251H1: ASTA01H3**

After: Course Exclusion: **AST121H1, AST201H1, AST210H1, AST221H1, AST222H1; ASTA02H3, ASTB23H3 and any** 100 or higher level course in Chemistry or Physics with the exception of CHM110H5, CHM101H1, **CHM135H1**; PHY100H5, PHY100H1, **PHY101H1**, PHY201H1, PHY202H1, **PHY205H.**

Rationale: Modify exclusions for UTM astronomy courses to bring them into alignment with the exclusions for the same courses on the St. George campus

Course #5 BIO362H5 Bioinformatics

Before: Recommended Preparation: **CSC108H5**

After: Recommended Preparation:

Rationale: The reason for the change in recommended prep is that the instructor does not want the students to feel that a background in computer science is required in order to be successful in the course.

Course #6 BIO477H5 The Human Genome and Cancer Biology

Before: Course Exclusion:

After: Course Exclusion: **MGY470H1**

Rationale: A new fourth year course on Gene Expression will be introduced by a new faculty member, and instructor is proposing some changes to the title and course description in order to minimize overlap with new course.
Added MGY470H1 (Human and Molecular Genetics) as an exclusion as this course has similar course content.

Course #7 HSC404H5 Advanced Visual Media for Anthropological Data

Before: Prerequisite: (ANT200H5, ANT201H5) / (ANT202H5, ANT203H5) / **BIO152H5**

After: Prerequisite: (ANT200H5, ANT201H5) / (ANT202H5, ANT203H5) / **BIO152H5, HSC200H5**

Rationale: When the course was introduced, it had a small enrollment number and was designed to allow students in Anthropology to take the course without taking HSC200H5. Now that the course has grown to 45 students per year, it is becoming difficult to ensure that all students have the necessary skill set in order to complete assigned projects. Adding HSC200H5 as a prerequisite will help with this.

Course #8 JCP265H5 Introduction to Scientific Computing

Before: Course Exclusion: **CSC108H5**

After: Course Exclusion: **MAT212H5**

Rationale: MAT212H5 is the more appropriate course to exclude since it covers applications in the life sciences. The original exclusion of CS108 was unnecessary.

Course #9 MAT137Y5 Calculus

Before: Course Exclusion: MAT133Y5, MAT134Y5, MAT135Y5, MAT133Y1, MAT135Y1, MAT135H1, MAT136H1, MAT137Y1, MAT157Y1, MAT157Y5, MATA30H3, MATA31H3, MATA32H3, MATA33H3, MATA35H3, MATA36H3, MATA37H3

After: Course Exclusion: MAT133Y5, MAT134Y5, MAT135Y5, **MAT132H5, MAT134H5, MAT135H5, MAT136H5**, MAT133Y1, MAT135Y1, MAT135H1, MAT136H1, MAT137Y1, MAT157Y1, MAT157Y5, MATA30H3, MATA31H3, MATA32H3, MATA33H3, MATA35H3, MATA36H3, MATA37H3

Rationale: MAT134Y5 will be replaced by MAT132H5 and MAT134H5. MAT135Y5 will be replaced by MAT135H5 and MAT136H5.

Course #10 MAT202H5 Introduction to Discrete Mathematics

Before: Prerequisite: MAT102H5, **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5**

After: Prerequisite: MAT102H5, **MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5**

Rationale: Requirements for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).

Course #11 MAT232H5 Calculus of Several Variables

Before: Prerequisite: **MAT134Y5/MAT135Y5/MAT137Y5**

After: Prerequisite: **MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5**

Rationale: Requirements for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).

Course #12 MAT233H5 Calculus of Several Variables

Before: Prerequisite: **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5** or 75% in MAT133Y5

After: Prerequisite: **MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5** or 75% in MAT133Y5

Rationale: Requirements for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).

Course #13 MAT240H5 Algebra I

- Before:** Corequisite: **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5**
- After:** Corequisite:
MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5
- Rationale:** Requirements for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).
-

Course #14 MAT309H5 Introduction to Mathematical Logic

- Before:** Prerequisite: MAT102H5, **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**, MAT224H5/MAT240H5
- After:** Prerequisite: MAT102H5,
MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5,
MAT224H5/MAT240H5
- Rationale:** Requirements for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).
-

Course #15 MAT315H5 Introduction to Number Theory

- Before:** Prerequisite: MAT102H5, **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/(MAT133Y5, MAT233H5)**, MAT224H5/MAT240H5, MAT301H5
- After:** Prerequisite: MAT102H5,
MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/(MAT133Y5, MAT233H5), MAT224H5/MAT240H5, MAT301H5
- Rationale:** Requirements for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).
-

Course #16 MAT332H5 Introduction to Nonlinear Dynamics and Chaos

- Before:** Prerequisite: MAT232H5/MAT233H5/MAT257Y5, MAT223H5/MAT240H5,
MAT212H5/MAT242H5/MAT244H5
- After:** Prerequisite: MAT232H5/MAT233H5/MAT257Y5, MAT223H5/MAT240H5, **MAT212H5/MAT244H5**
- Rationale:** House keeping. MAT242H5 has been replaced by MAT244H5 since 2013.
-

Course #17 MAT382H5 Mathematics for Teachers

- Before:** Prerequisite: Minimum 60% in **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5**, minimum 60% in MAT102H5, MAT223H5/MAT240H5, and at least one additional MAT half-course at the 200+ level.
- After:** Prerequisite: Minimum 60% in
MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5, minimum 60% in MAT102H5, MAT223H5/MAT240H5, and at least one additional MAT half-course at the 200+ level.
- Rationale:** Requirements for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).
-

Course #18 STA305H5 Experimental Design

- Before:** Prerequisite: **STA302H1/STA302H5/STA331H5/ECO375Y5**
- After:** Prerequisite: **STA302H1/STA302H5/STA331H5/ECO375H5**
- Rationale:** House keeping. ECO375H5 is the correct code. There is no ECO375Y5.
-

Course #1 MAT157Y5 Analysis I

Before: Course Exclusion: **MAT137Y1, MAT137Y5, MAT195H, MAT197H, MATA37H3**

After: Course Exclusion: **MAT157Y1, MATA37H3**

Rationale: The course offers enough additional content to those calculus courses to justify the extra credit.

Course #2 MAT257Y5 Analysis II

Before: Course Exclusion:

After: Course Exclusion: **MAT237Y1, MAT257Y1**

Rationale: The course offers enough additional content to those multivariable calculus courses to justify the extra credit.

Course #3 STA302H5 Regression Analysis

Before: Prerequisite: **STA258H5/ STA221H5/ ECO220Y5/ BIO360H5/ PSY202H5/ SOC350H5**; STA260H5/STA261H1; **MAT223H5/MAT240H5**

After: Prerequisite: STA260H5/STA261H1; **MAT223H5/MAT240H5; STA258H5(Strongly recommend)**

Rationale: Upgrade the course by requiring exposure to statistical estimation and inference which play a major role in the course. One example is the idea that an unbiased estimator with smaller variance is preferable to one with larger variance, which is the motivation for the Gauss-Markov theorem. As it stands, one cannot even assume the students know what an unbiased estimator is, and it has to be re-taught even though the majority of students have seen it already in STA260. This change will make unnecessary to re-teach material such as minimum variance unbiased estimation, maximum likelihood and likelihood ratio tests for the benefit of a minority of the class.

Sciences

September Report

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SUMMARY OF COURSE CHANGES

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Anthropology	0	0	0	2	2	1
Astronomy	0	0	0	0	0	0
Biology	0	0	0	3	0	7
Biomedical Communications	0	0	0	0	0	2
Chemistry	0	0	0	0	3	11
Communication, Culture, Information and Technology	0	0	0	0	0	0
Computer Science	0	0	0	3	0	5
Earth Science	0	1	0	3	0	13
Economics	0	0	0	0	2	0
Environment	0	0	0	0	0	0
Forensic Science	0	0	0	14	1	6
Geography	0	0	0	1	0	11
Mathematics	0	0	0	1	0	4
Physics	0	0	0	1	0	10
Psychology	0	1	0	3	4	65
Sociology	0	0	0	0	0	1
Statistics	0	0	0	0	0	7
Student Development and Transition	0	0	0	0	0	5

New Programs

NONE

Programs - Resource Implications

Program #1 ERMAJ0205 Forensic Science (Science)

Resource implications: None

Program #2 ERMAJ1004 Paleontology (Science)

Resource implications: none

Program #3 ERMAJ1149 Biology for Health Sciences (Science)

Resource implications: None

Program #4 ERMAJ1376 Chemistry (Science)

Resource implications: none

Program #5 ERMAJ1540 Statistics, Applied (Science)

Resource implications: None.

Program #6 ERMAJ1688 Computer Science (Science)

Resource implications: None.

Program #7 ERMAJ1883 Exceptionality in Human Learning (Science)

Resource implications: None

Program #8 ERMAJ1944 Physics (Science)

Resource implications: none

Program #9 ERMAJ2204 Astronomy (Science)

Resource implications: NONE

Program #10 ERMAJ2364 Biology (Science)

Resource implications: None

Program #11 ERMIN1376 Chemistry (Science)

Resource implications: none

Program #12 ERMIN1944 Physics (Science)

Resource implications: none.

Program #13 ERSPE0482 Comparative Physiology (Science)

Resource implications: None

Program #14 ERSPE1009 Forensic Chemistry (Science)

Resource implications: No Implications

Program #15 ERSPE1025 Astronomical Sciences (Science)

Resource implications: none

Program #16 ERSPE1038 Information Security (Science)

Resource implications: None

Program #17 ERSPE1118 Biotechnology (Science)

Resource implications: None

Program #18 ERSPE1237 Molecular Biology (Science)

Resource implications: None

Program #19 ERSPE1338 Forensic Anthropology (Science)

Resource implications: No implications

Program #20 ERSPE1376 Chemistry (Science)

Resource implications: none

Program #21 ERSPE1410 Forensic Biology (Science)

Resource implications: No implications

Program #23 ERSPE1540 Statistics, Applied (Science)

Resource implications: None

Program #24 ERSPE1688 Computer Science (Science)

Resource implications: None.

Program #25 ERSPE1883 Exceptionality in Human Learning (Science)

Resource implications: None

Program #26 ERSPE1944 Biomedical Physics Specialist (Science)

Resource implications: none

Program #27 ERSPE1995 Biological Chemistry (Science)

Resource implications: none.

Program #28 ERSPE2364 Biology (Science)

Resource implications: None

Program #29 ERSPE2470 Neuroscience (Science)

Resource implications: None.

Deleted Programs

NONE

Programs - Other Changes

Program #1 ERMAJ0205 Forensic Science (Science)

- Rationale for change:** Minimum requirements changed to reflect the updated Maths half year courses. Previous full year courses still included for upper year students who had completed them prior to the change.
- Before:** Limited Enrolment: Admission into the Forensic Science Major program is by special application ONLY and MUST be completed in conjunction with a second approved Major (see Notes 'Second Major' below). To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC Application, upon completing the minimum program entry requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:
- Completion of 4.0 credits; including 3.0 science credits.
 - Completion of CHM110H5, CHM120H5 with 65% or better.
 - Completion of **MAT134Y5/MAT135Y5/MAT137Y5**.
 - A minimum Cumulative Grade Point Average of at least 2.7 The actual CGPA requirement in any particular year may exceed this value, in order to achieve a proper balance between enrolments and teaching resources.
 - Enrolment in an Approved Second Major (See Second Major Notes: 1). Application for admission into the program for ALL students can be found at: www.utm.utoronto.ca/forensic Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year
- After:** Limited Enrolment: Admission into the Forensic Science Major program is by special application ONLY and MUST be completed in conjunction with a second approved Major (see Notes 'Second Major' below). To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC Application, upon completing the minimum program entry requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:
- Completion of 4.0 credits; including 3.0 science credits.
 - Completion of CHM110H5, CHM120H5 with 65% or better.
 - Completion of **MAT132H5, MAT134H5/MAT135H5, MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5**.
 - A minimum Cumulative Grade Point Average of at least 2.7 The actual CGPA requirement in any particular year may exceed this value, in order to achieve a proper balance between enrolments and teaching resources.
 - Enrolment in an Approved Second Major (See Second Major Notes: 1). Application for admission into the program for ALL students can be found at: www.utm.utoronto.ca/forensic Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year
-

Program #2 ERMAJ0305 Geographical Information Systems (Science)

- Rationale for change:** We now have an intro to GIS, GGR272H5, which did not exist previously. GGR272H5 provides students with the required foundation for the program.
- Before:** First Year 1.0 credits: **GGR111H5 & GGR112H5 (formerly GGR117Y5)**
- After:** First Year 1.0 credits: **any 100-level**
-

Program #3 ERMAJ1004 Paleontology (Science)

- Rationale for change:** Change is due to Math introducing two new half courses. ERS101H5 added to program as ERS120 no longer offered. ERS111H5 was taken out accidentally.
- Before:** CGPA for enrolment into this program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not **applicable**).
First Year BIO152H5, 153H5; CHM110H5, CHM120H5; **MAT134Y5/135Y5/137Y5; ENV100Y5/ERS101H5/ERS111H5**

After: CGPA for enrolment into this program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not **applicable**).
***(MAT132H5, MAT134H5)/MAT134Y5 - Calculus for Life Sciences is highly recommended.**
First Year BIO152H5, 153H5; CHM110H5, CHM120H5; **(MAT132H5, MAT134H5)/ MAT134Y5/ (MAT135H5, MAT136H5)/ MAT135Y5/ MAT137Y5; ENV100Y5/ERS101H5/ERS120H5,ERS111H5**

Program #4 ERMAJ1061 Environmental Science (Science)

Rationale for change:

Before:

First Year: 3.0 credits
- Environment Foundation: ENV100Y5
- Quantitative and Basic Science Foundation: 2.0 credits chosen from this list: ANT101H5; BIO152H5, **BIO153H5**, CHM110H5, CHM120H5; **ERS120H5**; GGR112H5, **MAT134Y5, MAT135Y5**, MAT137Y5; PHY136H5, PHY137H5, PHY146H5, PHY147H5
Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.
Upper Years: 2.5 credits
- Environmental Science Perspectives: ENV330H5
- Field, Project-Based, Experiential, and Research Perspectives: 0.5 credit chosen from this list: BIO416H5; ENV299Y5, ENV332H5, ENV399Y5, ENV496H5, ENV497H5; ERS325H5; GGR379H5, GGR417Y5; JEG400Y5
- Biogeochemical Perspectives: 1.0 credit chosen from this list: BIO311H5, BIO331H5, BIO333H5; ENV495H5, ENV496H5; ERS312H5, **ERS313H5**, ERS315H5, **ERS321H5**; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR337H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR479H5, GGR484H5;
- Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, ANT368H5, ANT370H5; BIO464H5; ECO373Y5; ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR365H5, GGR370H5, GGR415H5, GGR419H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; **JPE250Y5**; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5
Note: ENV490H5, 491H5 can substitute for #1, #2, #3, or #4 as course requirements, where appropriate, and with permission of the Program Advisor or Academic Counsellor.

After:

First Year: 3.0 credits
- Environment Foundation: ENV100Y5
- Quantitative and Basic Science Foundation: 2.0 credits chosen from this list: ANT101H5; BIO152H5, **BIO153H5**; CHM110H5, CHM120H5; **ERS101H5**; GGR112H5, **MAT132H5, MAT134H5, MAT135H5, MAT136H5**, MAT137Y5; PHY136H5, PHY137H5, PHY146H5, PHY147H5
Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.
Upper Years: 2.5 credits
- Environmental Science Perspectives: ENV330H5
- Field, Project-Based, Experiential, and Research Perspectives: 0.5 credit chosen from this list: BIO416H5; ENV299Y5, ENV332H5, ENV399Y5, ENV496H5, ENV497H5; ERS325H5; GGR379H5, GGR417Y5; JEG400Y5
- Biogeochemical Perspectives: 1.0 credit chosen from this list: BIO311H5, BIO331H5, BIO333H5; ENV495H5, ENV496H5; ERS312H5, ERS315H5, **ERS412H5**; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR337H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR479H5, GGR484H5;
- Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, ANT368H5, ANT370H5; BIO464H5; ECO373Y5; ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR365H5, GGR370H5, GGR415H5, GGR419H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5;

JPE251H5, JPE252H5; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5

Note: ENV490H5, 491H5 can substitute for #1, #2, #3, or #4 as course requirements, where appropriate, and with permission of the Program Advisor or Academic Counsellor.

Program #5 ERMAJ1149 Biology for Health Sciences (Science)

Rationale for change: Addition of MAT132H5 & MAT134H5 which will replace MAT134Y5. BIO376H5 and BIO378H5 should not be program options for this program. BIO347H5 was previously missed as a course option. BIO408H5, BIO414H5, & BIO419H5 are new course options for this program.

Before: 8.5 credits are required including at least 2.0 at the 300/400 level.

- BIO152H5, BIO153H5; CHM110H5, CHM120H5; **MAT134Y5*/MAT135Y5/MAT137Y5**
- BIO202H5, BIO206H5, BIO207H5, BIO210Y5, BIO304H5, BIO310H5, BIO380H5;
STA215H5**/PSY201H5

- 1.0 credits from one of the following lists: Cell, Molecular, and Biotechnology Stream: BIO200H5, BIO314H5, BIO315H5, BIO324H5, BIO360H5, BIO370Y5/ BIO371H5, BIO372H5, BIO374H5, BIO375H5, BIO404H5, BIO422H5, BIO475H5, BIO476H5, BIO477H5; JBC472H5 Neuroscience Stream: BIO320H5, BIO360H5, BIO403H5, BIO409H5, BIO411H5

Genes and Behaviour Stream: BIO315H5, BIO318Y5/ BIO328H5, BIO341H5, BIO342H5, BIO360H5, BIO361H5, BIO368H5, **BIO378H5**, BIO405H5, BIO407H5, BIO422H5, BIO443H5 ***MAT134Y5 - Calculus** for Life Sciences is highly recommended.

**Students who plan to take BIO360 or who plan to transfer to a Biology Specialist program should enrol in STA215H5. NOTES

- CGPA for enrolment into this program is calculated based on a minimum of 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable).

- Students should be aware of the distinct credit requirement for their degree (see section 8.6 - HBS Sc Degree Requirements for full details). Completion of this program with another non-specialist Biology program will not satisfy the min. 12.0 distinct credit requirement for a degree. Please choose programs and courses accordingly.

- As part of your degree requirement the 'Biology for Health Sciences' Major would be academically complemented by a Major in Psychology, Anthropology, Exceptionality in Human Learning, Forensic Science, and Chemistry, as well as other disciplines such as the Major in Management. This major program would also be complemented by a Minor in Biomedical Communications (Science).

After: 8.5 credits are required including at least 2.0 at the 300/400 level.

- BIO152H5, BIO153H5; CHM110H5, CHM120H5; **(MAT132H5, MAT134H5)/ MAT134Y5*/ (MAT135H5, MAT136H5)/ MAT135Y5/MAT137Y5**

- BIO202H5, BIO206H5, BIO207H5, BIO210Y5, BIO304H5, BIO310H5, BIO380H5;
STA215H5**/PSY201H5

- 1.0 credits from one of the following lists: Cell, Molecular, and Biotechnology Stream: BIO200H5, BIO314H5, BIO315H5, BIO324H5, BIO360H5, BIO370Y5/ BIO371H5, BIO372H5, BIO374H5, BIO375H5, BIO404H5, **BIO419H5**, BIO422H5, BIO475H5, BIO476H5, BIO477H5; JBC472H5 Neuroscience

Stream: BIO320H5, BIO360H5, BIO403H5, **BIO408H5**, BIO409H5, BIO411H5

Genes and Behaviour Stream: BIO315H5, BIO318Y5/ BIO328H5, BIO341H5, BIO342H5, **BIO347H5**,

BIO360H5, BIO361H5, BIO368H5, BIO405H5, BIO407H5, **BIO414H5**, BIO422H5, BIO443H5

***(MAT132H5, MAT134H5)/MAT134Y5** - for Life Sciences is highly recommended.

**Students who plan to take BIO360 or who plan to transfer to a Biology Specialist program should enrol in STA215H5. NOTES

- CGPA for enrolment into this program is calculated based on a minimum of 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable).

- Students should be aware of the distinct credit requirement for their degree (see section 8.6 - HBS Sc Degree Requirements for full details). Completion of this program with another non-specialist Biology program will not satisfy the min. 12.0 distinct credit requirement for a degree. Please choose programs and courses accordingly.

- As part of your degree requirement the 'Biology for Health Sciences' Major would be academically complemented by a Major in Psychology, Anthropology, Exceptionality in Human Learning, Forensic Science, and Chemistry, as well as other disciplines such as the Major in Management. This major program

would also be complemented by a Minor in Biomedical Communications (Science).

Program #6 ERMAJ1160 Psychology (Science)

Rationale for change: PSY351H5 is removed from the Perception/Cognition/Communication section because its content does not have a strong link to this area. PSY353H5 was ordered incorrectly in the list.

Before:

Higher Years

- PSY201H5/ ECO220Y5/227Y5/ SOC350H5/ STA215H5/ 218H5 ~~/220H5~~

- PSY210H5, ~~290H5~~

- one of the following:

PSY270H5, PSY274H5, ~~280H5~~

- one of the following:

PSY220H5, ~~230H5, 240H5~~

- 1.5 credits from the following courses: 0.5 credit must be taken from each group:

- Biological Bases of Behaviour:

PSY318H5, ~~346H5, 351H5, 353H5, 352H5, 354H5, 355H5, 362H5, 372H5, 391H5, 392H5, 393H5, 395H5, 397H5, 398H5~~; BIO304H5, ~~310H5, 318Y5, 328H5~~

- Perception/Cognition/Communication: PSY312H5, ~~315H5, 316H5, 351H5, 360H5, 362H5, 371H5, 372H5, 374H5, 376H5, 384H5, 385H5, 387H5, 393H5, 397H5~~

- Developmental/Abnormal/Social/Personality: PSY310H5, ~~311H5, 312H5, 313H5, 315H5, 316H5, 317H5, 318H5, 320H5, 321H5, 324H5, 325H5, 327H5, 328H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 345H5, 346H5, 353H5~~

- 1.5 additional credits in Psychology. At least 0.5 must be at the 300/400 level

After:

Higher Years

- PSY201H5/ ECO220Y5/227Y5/ SOC350H5/ STA215H5/ 218H5 /STA220H5

- PSY210H5, PSY290H5

- one of the following:

PSY270H5, PSY274H5, PSY280H5

- one of the following:

PSY220H5, PSY230H5, PSY240H5

- 1.5 credits from the following courses: 0.5 credit must be taken from each group:

- Biological Bases of Behaviour:

PSY318H5, PSY346H5, PSY351H5, PSY352H5, PSY353H5, PSY354H5, PSY355H5, PSY362H5, PSY372H5, PSY391H5, PSY392H5, PSY393H5, PSY395H5, PSY397H5, PSY398H5; BIO304H5, BIO310H5, BIO318Y5, BIO328H5

- Perception/Cognition/Communication: PSY312H5, PSY315H5, PSY316H5, PSY360H5, PSY362H5, PSY371H5, PSY372H5, PSY374H5, PSY376H5, PSY384H5, PSY385H5, PSY387H5, PSY393H5, PSY397H5

- Developmental/Abnormal/Social/Personality: PSY310H5, PSY311H5, PSY312H5, PSY313H5, PSY315H5, PSY316H5, PSY317H5, PSY318H5, PSY320H5, PSY321H5, PSY324H5, PSY325H5, PSY327H5, PSY328H5, PSY331H5, PSY333H5, PSY340H5, PSY341H5, PSY343H5, PSY344H5, PSY345H5, PSY346H5, PSY353H5

- 1.5 additional credits in Psychology. At least 0.5 must be at the 300/400 level

Program #7 ERMAJ1376 Chemistry (Science)

Rationale for change: added in the new first year Math

Before:

Limited Enrolment: Enrolment in the Chemistry Major Program is based on completion of 4.0 credits including **CHM110H5, 120H5** (minimum grade of 60% in **120H5**);

MAT134Y5/135Y5/137Y5. Notes:

- In addition to 300/400 level CHM/JCP courses, CPS398H5 (with permission of the Department of Chemical and Physical Sciences), CPS400Y5, FSC311H5, JBC472H5 and JCB487Y5 may be used to fulfill 300/400 level program requirements.

- **MAT134Y5/135Y5/137Y5** prerequisite is required for all 200-level CHM/JCP courses.

- For a balanced training in Chemistry, students should take CHM311H5, 331H5/333H5, 341H5/345H5, JCP321H5.

- Students are strongly advised to consult the Program Advisor regarding their course of study.

Year 1 **CHM110H5, 120H5; MAT134Y5/135Y5/137Y5**

After: Limited Enrolment: Enrolment in the Chemistry Major Program is based on completion of 4.0 credits including **(CHM110H5,120H5)** (minimum grade of 60% in **120H5**);**(MAT132H5, 134H5)/ (MAT135H5, 136H5)/MAT134Y5/135Y5/137Y5/157Y5**.**Notes:**

- In addition to 300/400 level CHM/JCP courses, CPS398H5 (with permission of the Department of Chemical and Physical Sciences), CPS400Y5, FSC311H5, JBC472H5 and JCB487Y5 may be used to fulfill 300/400 level program requirements.
- **(MAT132H5, 134H5)/ (MAT135H5, 136H5)/MAT134Y5/135Y5/137Y5/157Y5** prerequisite is required for all 200-level CHM/JCP courses.
- For a balanced training in Chemistry, students should take CHM311H5, 331H5/333H5, 341H5/345H5, JCP321H5.
- Students are strongly advised to consult the Program Advisor regarding their course of study.

Year 1 **(CHM110H5,120H5);(MAT132H5, 134H5)/ (MAT135H5, 136H5)/MAT134Y5/135Y5/137Y5/157Y5**

Program #8 ERMAJ1465 Earth Science (Science)

Rationale for change: -added in the new first year Math -Addition of upper level courses elective courses (ERS304H5/403H5/404H5) to meet expertise of new faculty; introduce an exciting and appealing course on remote sensing in geology to increase student enrollment in Earth Sciences; work towards APGO certification.

Before:

First Year (ERS101H5,111H5) / ENV100Y5; **MAT134Y5/135Y5/137Y5;(CHM110H5,120H5)** / (PHY136H5,137H5) / (PHY146H5,147H5)
 Third and Fourth Year 2.5 credits from ERS301H5/ 302H5/ 303H5/ **311H5**/ 312H5/ 315H5/ 325H5/ 381H5/ 401H5/ **402H5/ 411H5**/ 412H5/ 425H5/ JGE378H5/ CPS400Y5

After:

First Year (ERS101H5,111H5) / ENV100Y5; **(MAT132H5, 134H5)/ (MAT135H5, 136H5)/MAT134Y5/135Y5/137Y5;(CHM110H5,120H5)** / (PHY136H5,137H5) / (PHY146H5,147H5)
 Third and Fourth Year 2.5 credits from ERS301H5/ 302H5/ 303H5/ **304H5/311H5**/ 312H5/ 315H5/ 325H5/ 381H5/ 401H5/ **402H5/403H5/404H5/411H5**/ 412H5/ 425H5/ JGE378H5/ CPS400Y5

Program #9 ERMAJ1540 Statistics, Applied (Science)

Rationale for change: MAT134Y5 will be replaced by MAT132H5 and MAT134H5. MAT135Y5 will be replaced by MAT135H5 and MAT136H5. Program entry requirement for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).

Before:

Limited Enrolment: Enrolment in the Major program is limited to students with a minimum of 4.0 courses to include 60% in STA107H5 or 60% in STA256H5/STA257H5; and **MAT134Y5** /MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5; a minimum cumulative grade point average, to be determined annually.
 First Year CSC108H5; MAT102H5, MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5, 223H5/240H5

After:

Limited Enrolment: Enrolment in the Major program is limited to students with a minimum of 4.0 courses to include 60% in STA107H5 or 60% in STA256H5/STA257H5; and **MAT134H5/MAT136H5/MAT134Y5** /MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5; a minimum cumulative grade point average, to be determined annually.
 First Year CSC108H5; MAT102H5, **(MAT132H5,MAT134H5)/(MAT135H5, MAT136H5)** / MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5, 223H5/240H5

Program #10 ERMAJ1688 Computer Science (Science)

Rationale for change: MAT134Y5 will be replaced by MAT132H5 and MAT134H5. MAT135Y5 will be replaced by MAT135H5 and MAT136H5. Program entry requirement for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).

Before: Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite courses A minimum of 4.0 credits to include CSC148H5; MAT102H5; and one of **(MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5)**.
- Prerequisite courses The minimum course mark in CSC148H5 and MAT102H5 is determined annually. It is never lower than 60.
- Cumulative Grade Point Average (CGPA) The minimum CGPA is determined annually. It is never lower than 2.0. The Computer Science Major is a deregulated fees program and as such, tuition fees for students enrolled in this program are higher than for other regulated fee programs. Fees are charged on a program and not a per course basis. See www.fees.utoronto.ca for more information on the fee structures.

First Year CSC108H5, CSC148H5; MAT102H5, **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**

After: Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite courses A minimum of 4.0 credits to include CSC148H5; MAT102H5; and one of **(MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5)**.
- Prerequisite courses The minimum course mark in CSC148H5 and MAT102H5 is determined annually. It is never lower than 60.
- Cumulative Grade Point Average (CGPA) The minimum CGPA is determined annually. It is never lower than 2.0. The Computer Science Major is a deregulated fees program and as such, tuition fees for students enrolled in this program are higher than for other regulated fee programs. Fees are charged on a program and not a per course basis. See www.fees.utoronto.ca for more information on the fee structures.

First Year CSC108H5, CSC148H5; MAT102H5, **(MAT132H5, MAT134H5)/(MAT135H5, MAT136H5)/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**

Program #11 ERMAJ1883 Exceptionality in Human Learning (Science)

Rationale for change: Adding full course codes

Before: Limited Enrolment: Enrolment in this program is limited to students who have:

- completed Gr.12(4U) Biology and Advanced Functions or equivalent;
- completed 4.0 credits;
- a grade of at least 75% in PSY100Y5; and
- successfully completed 1.0 credit from ~~BIO152H5, BIO153H5, 202H5, 205H5, 206H5, 207H5~~; and
- a minimum CGPA of 2.7

First Year PSY100Y5; 1.0 credit from ~~(BIO152H5, BIO153H5), 202H5, 205H5, 206H5, 207H5~~

Higher Years

- PSY201H5/ ~~ECO220Y5, 227Y5~~
- SOC350H5/ STA215H5/ ~~218H5, 220H5~~
- PSY210H5, ~~240H5~~
- 2.5 credits from the following: PSY310H5, ~~311H5, 312H5, 313H5, 315H5, 316H5, 317H5, 318H5, 319H5, 321H5, 325H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 345H5, 346H5, 353H5, 374H5, 376H5, 384H5, 385H5, 391H5, 392H5, 393H5, 410H5, 440H5, 442Y5~~
- 1.0 additional credit from the following: BIO202H5, ~~205H5, 206H5, 207H5, 210Y5, 315H5, 341H5, 370Y5, 371H5, 372H5, 375H5, 380H5, 403H5, 407H5, 434H5, 443H5, 476H5, 477H5~~; ANT202H5, ~~203H5, 331H5, 332H5, 333H5, 334H5~~

After: Limited Enrolment: Enrolment in this program is limited to students who have:

- completed Gr.12(4U) Biology and Advanced Functions or equivalent;
- completed 4.0 credits;
- a grade of at least 75% in PSY100Y5; and
- successfully completed 1.0 credit from BIO152H5/BIO153H5/BIO202H5/BIO205H5/BIO206H5/BIO207H5; and
- a minimum CGPA of 2.7

First Year PSY100Y5; 1.0 credit from BIO152H5, BIO153H5, BIO202H5, BIO205H5, BIO206H5, BIO207H5

Higher Years

- PSY201H5/ ECO220Y5/ECO227Y5
- SOC350H5/ STA215H5/ STA218H5, STA220H5
- PSY210H5, PSY240H5
- 2.5 credits from the following: PSY310H5, PSY311H5, PSY312H5, PSY313H5, PSY315H5, PSY316H5, PSY317H5, PSY318H5, PSY319H5, PSY321H5, PSY325H5, PSY331H5, PSY333H5, PSY340H5, PSY341H5, PSY343H5, PSY344H5, PSY345H5, PSY346H5, PSY353H5, PSY374H5.

PSY376H5, PSY384H5, PSY385H5, PSY391H5, PSY392H5, PSY393H5, PSY410H5, PSY440H5, PSY442Y5

- 1.0 additional credit from the following: BIO202H5, BIO205H5, BOP206H5, BIO207H5, BIO210Y5, BIO315H5, BIO341H5, BIO370Y5, BIO371H5, BIO372H5, BIO375H5, BIO380H5, BIO403H5, BIO407H5, BIO434H5, BIO443H5, BIO476H5, BIO477H5; ANT202H5, ANT203H5, ANT331H5, ANT332H5, ANT333H5, ANT334H5

Program #12 ERMAJ1944 Physics (Science)

Rationale for change: For clarity purposes to students - minimum grade of 60% is entered for both PHY first year courses.

Before: Limited Enrolment: Enrolment in this program is based on completion of 4.0 credits including PHY146H5 and PHY147H5 (minimum grade of 60%).

Year 1 PHY146H5, PHY147H5 (minimum grade of 60%); **MAT134Y5/135Y5/137Y5/157Y5**

After: Limited Enrolment: Enrolment in this program is based on completion of 4.0 credits including PHY146H5 (**minimum grade of 60%**) and PHY147H5 (minimum grade of 60%).

Year 1 PHY146H5, PHY147H5 (minimum grade of 60%); **(MAT135H5, 136H5)/MAT135Y5/137Y5/157Y5**

Program #13 ERMAJ2070 Geography (Science)

Rationale for change: updated change in ERS course from ERS120H5 to ERS101H5

Before:

First Year 2.0 credits:

1.0 from GGR111H5 & GGR112H5 (formerly GGR117Y5)

1.0 foundational credits from: **MAT134Y5, MAT135Y5**, MAT137Y5, BIO152H5, BIO153H5, CHM110H5, CHM120H5, PHY100H5, PHY136H5, PHY137H5, **ERS120H5**

After:

First Year 2.0 credits:

1.0 from GGR111H5 & GGR112H5 (formerly GGR117Y5)

1.0 foundational credits from: **MAT132H5, MAT134H5, MAT135H5, MAT136H5**, MAT137Y5, BIO152H5, BIO153H5, CHM110H5, CHM120H5, PHY100H5, PHY136H5, PHY137H5, **ERS101H5**

Program #14 ERMAJ2204 Astronomy (Science)

Rationale for change: added in the new first year Math.

Before:

Limited Enrolment: Enrolment in this program is based on the completion of 4.0 credits, including the following courses: AST110H5; MAT102H5, **MAT135Y5/137Y5/157Y5, 223H5/240H5**; (PHY136H5, 137H5)/(146H5, 147H5)

First Year AST110H5; MAT102H5, **135Y5/137Y5/157Y5, 223H5/240H5**; (PHY136H5,137H5)/(146H5,147H5)

After:

Limited Enrolment: Enrolment in this program is based on the completion of 4.0 credits, including the following courses: AST110H5; MAT102H5, **(MAT135H5, 136H5)/MAT135Y5/137Y5/157Y5, MAT223H5/240H5**; (PHY136H5, 137H5)/(146H5, 147H5)

First Year AST110H5; MAT102H5, **(MAT135H5, 136H5)/MAT135Y5/137Y5/157Y5, MAT223H5/240H5**; (PHY136H5,137H5)/(146H5,147H5)

Program #15 ERMAJ2364 Biology (Science)

- Rationale for change:** Change is due to Math introducing two new half courses.
- Before:**
- 8.0 credits are required including at least 2.0 at the 300/400 level.
 - BIO152H5, BIO153H5; CHM110H5, CHM120H5; MAT134Y5*/ MAT135Y5/ MAT137Y5
 - BIO202H5, **BIO203H5**; BIO205H5, BIO206H5, BIO207H5; STA215H5**/PSY201H5
 - 2.0 in Biology from the 300 or 400 level. ***MAT134Y5 - Calculus** for Life Sciences is highly recommended. **Students who plan to take BIO360H5 or who plan to transfer to a Biology Specialist program should enrol in STA215H5. NOTES
 - CGPA for enrolment into this program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable).
 - Students should be aware of the distinct credit requirement for their degree (see section 8.6 - HBSc Degree Requirements for full details). Completion of this program with another non-specialist Biology program will not satisfy the min. 12.0 distinct credit requirement for a degree. Please choose programs and courses accordingly.
 - PSL201Y1, offered on the St. George campus, will not meet the Physiology requirements for the Biology Major program and cannot be used for this program.
 - Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program.
 - Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.
- After:**
- 8.0 credits are required including at least 2.0 at the 300/400 level.
 - BIO152H5, BIO153H5; CHM110H5, CHM120H5; **(MAT132H5, MAT134H5)/MAT134Y5*/ (MAT135H5, MAT136H5)/MAT135Y5/ MAT137Y5**
 - BIO202H5, **BIO203H5**, BIO205H5, BIO206H5, BIO207H5; STA215H5**/PSY201H5
 - 2.0 in Biology from the 300 or 400 level. ***(MAT132H5, MAT134H5)/MAT134Y5** - for Life Sciences is highly recommended. **Students who plan to take BIO360H5 or who plan to transfer to a Biology Specialist program should enrol in STA215H5. NOTES
 - CGPA for enrolment into this program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable).
 - Students should be aware of the distinct credit requirement for their degree (see section 8.6 - HBSc Degree Requirements for full details). Completion of this program with another non-specialist Biology program will not satisfy the min. 12.0 distinct credit requirement for a degree. Please choose programs and courses accordingly.
 - PSL201Y1, offered on the St. George campus, will not meet the Physiology requirements for the Biology Major program and cannot be used for this program.
 - Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program.
 - Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.

Program #16 ERMIN0205 Forensic Science

- Rationale for change:** Additional changes to the program reflect the new required courses in forensic science, as well as providing more flexibility and options for students. A capstone experience course was added for the minor to better integrate their interest in forensic science to their Major Degree discipline. FSC303 became required, FSC300 and FSC302 were removed as those courses are intended for students interested in pursuing a career in policing.
- Before:**
- Third Year FSC360H5 and **1.0** credit from **FSC300H5, FSC302H5, FSC303H5, FSC311H5, FSC315H5; ANT306H5; PSY344H5**
- Fourth Year **1.0** credit from FSC401H5, FSC402H5, **FSC403H5, FSC406H5, FSC407H5; ANT439H5; HSC404H5, HSC405H5**
- After:**
- Third Year **FSC303H5**, FSC360H5 and **0.5** credit from **FSC220H5, FSC311H5, FSC315H5, FSC320H5, FSC330H5, FSC370H5; ANT306H5**
- Fourth Year
- **FSC430H5**

- **0.5** credit from FSC401H5, FSC402H5, **FSC403H5, FSC406H5**; ANT439H5; HSC404H5, **HSC405H5**

Program #17 ERMIN1061 Environmental Science (Science)

Rationale for change: updated new course codes

Before:

Upper Years: 1.0 credit
- Field, Project-based, Experiential, and Research Perspectives: 0.5 credit chosen from this list: BIO416H5; ENV299Y5, ENV330H5, ENV332H5, ENV399Y5, ENV496H5; ENV497H5; ERS325H5; GGR379H5; JEG400Y5
- Biogeochemical Perspectives: 0.5 credit chosen from this list: BIO311H5, BIO331H5, BIO333H5, BIO373H5; ENV495H5, ENV496H5; ERS312H5, **ERS313H5**, ERS315H5, **ERS321H5**; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR337H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR484H5; JGE378H5;

After:

Upper Years: 1.0 credit
- Field, Project-based, Experiential, and Research Perspectives: 0.5 credit chosen from this list: BIO416H5; ENV299Y5, ENV330H5, ENV332H5, ENV399Y5, ENV496H5; ENV497H5; ERS325H5; GGR379H5; JEG400Y5
- Biogeochemical Perspectives: 0.5 credit chosen from this list: BIO311H5, BIO331H5, BIO333H5, BIO373H5; ENV495H5, ENV496H5; ERS312H5, ERS315H5, **ERS412H5**; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR337H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR484H5; JGE378H5;

Program #18 ERMIN1160 Psychology (Science)

Rationale for change: The program requirements require 1.0 credit in PSY at the 300 level. We are excluding our newly-added PSY399H and 399Y ROP courses to ensure students taking the PSY minor obtain appropriate breadth via lecture or lab courses.

Before:

Higher Years
- PSY201H5/ ECO220Y5/ **227Y5**/ SOC350H5/ STA215H5/ **218H5/ 220H5**

- PSY290H5
- one of the following:
PSY270H5, PSY274H5, **280H5**
- one of the following:
PSY210H5, **220H5, 230H5, 240H5**
- 1.0 credit in PSY at the 300 **level.**

After:

Higher Years
- PSY201H5/ ECO220Y5/ **ECO227Y5**/ SOC350H5/ STA215H5/ **STA218H5/ STA220H5**

- PSY290H5
- one of the following:
PSY270H5, PSY274H5, **PSY280H5**
- one of the following:
PSY210H5, **PSY220H5, PSY230H5, PSY240H5**
- 1.0 credit in PSY at the 300 **level, excluding PSY399H5 and PSY399Y5.**

Program #19 ERMIN1376 Chemistry (Science)

Rationale for change: added in the new first year Math added in FSC311H5 - maybe used to fulfill the program requirements. This note has been missing from the minor program. There is a note for CHM Major.

Before: Limited Enrolment: Enrolment in the Chemistry Minor Program is based on completion of 4.0 credits including **CHM110H5,120H5) (minimum** grade of 60% in **120H5) and MAT134Y5/135Y5/137Y5****Notes:**

- **MAT134Y5/135Y5/137Y5** prerequisite is required for all 200-level CHM/JCP courses.
- CHM299Y5 does not count towards the completion of this program.

After: Limited Enrolment: Enrolment in the Chemistry Minor Program is based on completion of 4.0 credits including **(CHM110H5,120H5)(minimum** grade of 60% in **120H5); (MAT132H5, 134H5)/ (MAT135H5, 136H5)/MAT134Y5/135Y5/137Y5/157Y5****Notes:**

- **(MAT132H5, 134H5)/ (MAT135H5, 136H5)/MAT134Y5/135Y5/137Y5/157Y5** prerequisite is required for all 200-level CHM/JCP courses.
- CHM299Y5 does not count towards the completion of this program. **FSC311H5 may be used to fulfill the program requirements**

Program #20 ERMIN1540 Statistics, Applied (Science)

Rationale for change: MAT134Y5 will be replaced by MAT132H5 and MAT134H5. MAT135Y5 will be replaced by MAT135H5 and MAT136H5.

Before: First Year **MAT133Y5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**

After: First Year **MAT133Y5/(MAT132H5, MAT134H5)/(MAT135H5, MAT136H5)/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**

Program #21 ERMIN1944 Physics (Science)

Rationale for change: PHY136 & 137 is not an entry requirement to our PHYSICS program. This was not removed from the 2018-19 calendar (an oversight).

Before: Limited Enrolment: Enrolment in this program is based on completion of 4.0 credits including **(PHY136H5, PHY137H5) or (PHY146H5, PHY147H5)** (minimum grade of 60%).
Year 1 **(PHY136H5,137H5)/(PHY146H5,147H5)** (minimum grade of 60%)

After: Limited Enrolment: Enrolment in this program is based on completion of 4.0 credits including **PHY146H5** (minimum grade of **60%**), **PHY147H5** (minimum grade of **60%**).
Year 1 **(PHY146H5,147H5)** (minimum grade of 60%)

Program #22 ERSPE0482 Comparative Physiology (Science)

Rationale for change: Change is due to Math introducing two new half courses. BIO347H5 (Epigenetics) had previously been missed as a course option. BIO408H5, BIO414H5, & BIO419H5 are new course options for this program.

Before: CGPA for enrolment in this program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable). No substitute statistics course will be allowed for BIO360H5. Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program. Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.

First Year

- BIO152H5, BIO153H5; CHM110H5, CHM120H5; MAT134Y5/ MAT135Y5/ MAT137Y5
- 1.0 credit from the following: CLA201H5; ENV100Y5; ERS120H5; PHY136H5, PHY137H5, PSY100Y5; WRI203H5, WRI307H5

Third and Fourth Years

- BIO304H5, BIO310H5, BIO312H5, BIO360H5, BIO409H5; CHM242H5, CHM243H5

- At least 2.0 credits from: BIO320H5, BIO354H5, BIO361H5, BIO372H5, BIO404H5, BIO410H5, BIO411H5, BIO412H5, BIO422H5, BIO481Y5; CHM361H5, CHM362H5; JCB487Y5; PHY332H5, PHY333H5; PSY290H5, PSY395H5
- 1.0 additional BIO credit

After:

CGPA for enrolment in this program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable).

***(MAT132H5, MAT134H5)/MAT134Y5 - Calculus for Life Sciences is highly recommended.**

No substitute statistics course will be allowed for BIO360H5. Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program. Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.

First Year

- BIO152H5, BIO153H5; CHM110H5, CHM120H5; **(MAT132H5, MAT134H5) /MAT134Y5/ (MAT135H5, MAT136H5)/MAT135Y5/ MAT137Y5**

- 1.0 credit from the following: CLA201H5; ENV100Y5; ERS120H5; PHY136H5, PHY137H5, PSY100Y5; WRI203H5, WRI307H5

Third and Fourth Years

- BIO304H5, BIO310H5, BIO312H5, BIO360H5, BIO409H5; CHM242H5, CHM243H5

- At least 2.0 credits from: BIO320H5, **BIO347H5**, BIO354H5, BIO361H5, BIO372H5, BIO404H5, **BIO408H5**, BIO410H5, BIO411H5, BIO412H5, **BIO414H5, BIO419H5**, BIO422H5, BIO481Y5; CHM361H5, CHM362H5; JCB487Y5; PHY332H5, PHY333H5; PSY290H5, PSY395H5

- 1.0 additional BIO credit

Program #23 ERSPE0509 Geology (Science)

Rationale for change:

-added in first year split MATH courses. -Addition of upper level courses elective courses (ERS304H5/403H5/404H5) to meet expertise of new faculty; introduce an exciting and appealing course on remote sensing in geology to increase student enrollment in Earth Sciences; work towards APGO certification.

Before:

First Year (ERS101H5, ERS111H5)/ ENV100Y5; (CHM110H5,120H5); MAT134Y5/ 135Y5/ 137Y5; (PHY136H5,137H5)/ (PHY146H5,147H5)

Third Year ERS325H5; 2.5 credits from:

ERS301H5/ 302H5/ 303H5/ **311H5**/312H5/ 315H5/ ESS312H1/ 322H1/ 345H1

After:

First Year (ERS101H5, ERS111H5)/ ENV100Y5; (CHM110H5,120H5);

(MAT132H5,134H5)/(MATH135H5,136H5); MAT134Y5/ 135Y5/ 137Y5;

(PHY136H5,137H5)/ (PHY146H5,147H5)

Third Year ERS325H5; 2.5 credits from:

ERS301H5/ 302H5/ 303H5/ **304H5/311H5**/312H5/ 315H5/ ESS312H1/ 322H1/ 345H1

Program #24 ERSPE1009 Forensic Chemistry (Science)

Rationale for change:

Minimal Requirements have changed to reflect the new Maths half year courses, and include the previous full year course for upper year students who had already completed it before the change. Additional changes to the program reflect the new required courses in forensic science, as well as providing more flexibility and options for students. With the addition of a forensic chemist to the program, courses that are not required were deleted and now can be optional for the students.

Before:

Limited Enrolment: Admission into the Forensic Science-Chemistry program is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC application, upon completing the minimum program entry requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:

- Completion of 4.0 credits; including 3.0 science credits.
- Completion of CHM110H5 with 65% or better and CHM120H5 with 65% or better.
- Completion of ~~MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5.~~

- A minimum Cumulative Grade Point Average of at least 3.0. The actual minimum CGPA requirement varies from year to year but is never lower than 3.0 Application for admission into the program for ALL students can be found at: www.utm.utoronto.ca/forensic Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year
- First Year CHM110H5, CHM120H5; BIO152H5, FSC239Y5; ~~MAT134Y5/MAT135Y5/MAT137Y5~~; PHY136H5, PHY137H5
- Higher Years
- BIO200H5, ~~BIO206H5, BIO207H5~~; CHM211H5; JCP221H5, CHM231H5, CHM242H5, CHM243H5; FSC271H5
- CHM311H5, CHM331H5/CHM333H5, ~~CHM341H5/CHM345H5~~, CHM361H5, ~~CHM372H5/CHM396H5, CHM394H5~~; STA220H5
- ~~FSC300H5, FSC302H5, FSC360H5~~, FSC311H5, ~~FSC402H5~~
- CHM414H5, CHM416H5
- ~~FSC481Y5~~ (with chemistry focus)

After:

Limited Enrolment: Admission into the Forensic Science-Chemistry program is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC application, upon completing the minimum program entry requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:

- Completion of 4.0 credits; including 3.0 science credits.
- Completion of CHM110H5 with 65% or better and CHM120H5 with 65% or better.
- Completion of FSC239Y5 with 70% or better.
- Completion of (MAT132H5, MAT134H5)/(MAT135H5, MAT136H5)/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5.
- A minimum Cumulative Grade Point Average of at least 3.0. The actual minimum CGPA requirement varies from year to year but is never lower than 3.0 Application for admission into the program for ALL students can be found at: www.utm.utoronto.ca/forensic Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year
- First Year CHM110H5, CHM120H5; BIO152H5, FSC239Y5; (MAT132H5, MAT134H5)/(MAT135H5, MAT136H5)/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5; PHY136H5, PHY137H5
- Higher Years
- BIO200H5, CHM211H5; JCP221H5, CHM231H5, CHM242H5, CHM243H5; FSC271H5
- CHM311H5, CHM331H5/CHM333H5, CHM361H5, CHM396H5, CHM397H5, STA220H5
- (FSC300H5, FSC302H5)/(FSC210H5/FSC370H5, FSC303H5), FSC311H5, FSC330H5, FSC340H5, FSC360H5, FSC402H5, FSC403H5
- CHM414H5, CHM416H5
- FSC481Y5/(FSC482H5.FSC483H5) (with chemistry focus)

Program #25 ERSPE1020 Ecology and Evolution (Science)

Rationale for change: Change is due to Math introducing two new half courses. BIO376H5 was a new course last year that we forgot to add as a program option.

Before:

- First year
- BIO152H5, BIO153H5; CHM110H5, CHM120H5; MAT134Y5/ MAT135Y5/ MAT137Y5
- 1.0 credit from the following: CLA201H5; ENV100Y5; ERS120H5; PHY136H5, PHY137H5; PSY100Y5; WRI203H5, WRI307H5
- Third and Fourth years
- BIO313H5 and BIO342H5 and BIO443H5
- STA215H5 and BIO360H5
- 1.0 credit from courses in organismal biology: BIO325H5, BIO326H5, BIO335H5, BIO338H5, BIO339H5, BIO354H5, BIO356H5, BIO370Y5/ BIO371H5
- 0.5 credit from field courses: BIO416H5, other 2-week OUPFB** Field Courses
- 2.0 credits from core ecology/evolutionary biology courses: BIO311H5, BIO330H5, BIO331H5, BIO333H5, BIO341H5, BIO361H5, BIO373H5, BIO378H5, BIO406H5, BIO445H5, BIO464H5; GGR312H5
- 1.0 credits from other biology courses at the 300/ 400 level.
- 1.0 credit from related courses from other departments: MAT212H5, MAT222H5, MAT232H5; STA302H5, STA322H5; GGR227H5, GGR278H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, or from courses listed in #4, #5 and #6
- ** Ontario Universities Program in Field Biology

After:

- First year
- BIO152H5, BIO153H5; CHM110H5, CHM120H5; **(MAT132H5, MAT134H5)/**MAT134Y5/

(MAT135H5, MAT136H5)/MAT135Y5/ MAT137Y5

- 1.0 credit from the following: CLA201H5; ENV100Y5; ERS120H5; PHY136H5, PHY137H5; PSY100Y5; WRI203H5, WRI307H5

Third and Fourth years

- BIO313H5 and BIO342H5 and BIO443H5

- STA215H5 and BIO360H5

- 1.0 credit from courses in organismal biology: BIO325H5, BIO326H5, BIO335H5, BIO338H5, BIO339H5, BIO354H5, BIO356H5, BIO370Y5/ BIO371H5

- 0.5 credit from field courses: BIO416H5, other 2-week OUPFB** Field Courses

- 2.0 credits from core ecology/evolutionary biology courses: BIO311H5, BIO330H5, BIO331H5, BIO333H5,

BIO341H5, BIO361H5, BIO373H5, **BIO376H5**, BIO378H5, BIO406H5, BIO445H5, BIO464H5;

GGR312H5

- 1.0 credits from other biology courses at the 300/ 400 level.

- 1.0 credit from related courses from other departments: MAT212H5, MAT222H5, MAT232H5; STA302H5,

STA322H5; GGR227H5, GGR278H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, or from courses

listed in #4, #5 and #6

***(MAT132H5, MAT134H5)/MAT134Y5 - Calculus for Life Sciences is highly recommended.**

** Ontario Universities Program in Field Biology

Program #26 ERSPE1025 Astronomical Sciences (Science)

Rationale for change: added in the new first year Math

Before: Limited Enrolment: Enrolment in this program is based on the completion of 4.0 credits, including the following courses: AST110H5; MAT102H5, MAT135Y5/137Y5/157Y5, MAT223H5/240H5; (PHY136H5,137H5)/(146H5,147H5)

First Year AST110H5; MAT102H5, **135Y5/137Y5/157Y5, 223H5/240H5;**
(PHY136H5,137H5)/(146H5,147H5)

After: Limited Enrolment: Enrolment in this program is based on the completion of 4.0 credits, including the following courses: AST110H5; MAT102H5, **(MAT135H5, 136H5)/MAT135Y5/137Y5/157Y5,** MAT223H5/240H5; (PHY136H5,137H5)/(146H5,147H5)

First Year AST110H5; MAT102H5, **(MAT135H5, 136H5)/MAT135Y5/137Y5/157Y5,**
MAT223H5/240H5; (PHY136H5,137H5)/(146H5,147H5)

Program #27 ERSPE1038 Information Security (Science)

Rationale for change: MAT134Y5 will be replaced by MAT132H5 and MAT134H5. MAT135Y5 will be replaced by MAT135H5 and MAT136H5. Program entry requirement for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).

Before: Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses A minimum of 4.0 credits to include CSC148H5; MAT102H5; and one of

(MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5).

- Required Course Marks in CSC148H5 and MAT102H5 The minimum course mark in CSC148H5 and MAT102H5 is determined annually. It is never lower than 65.

- Cumulative Grade Point Average (CGPA) The minimum CGPA is determined annually. It is never lower than 2.0. The Information Security Specialist is a deregulated fees program and as such, tuition fees for students enrolled in this program are higher than for other regulated fee programs. Fees are charged on a program and not a per course basis. See www.fees.utoronto.ca for more information on the fee structures.

First Year CSC108H5, CSC148H5; MAT102H5, **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5,**
MAT223H5/MAT240H5

After: Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses A minimum of 4.0 credits to include CSC148H5; MAT102H5; and one of **(MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5)**.
- Required Course Marks in CSC148H5 and MAT102H5 The minimum course mark in CSC148H5 and MAT102H5 is determined annually. It is never lower than 65.
- Cumulative Grade Point Average (CGPA) The minimum CGPA is determined annually. It is never lower than 2.0. The Information Security Specialist is a deregulated fees program and as such, tuition fees for students enrolled in this program are higher than for other regulated fee programs. Fees are charged on a program and not a per course basis. See www.fees.utoronto.ca for more information on the fee structures.

First Year CSC108H5, CSC148H5; MAT102H5, **(MAT132H5, MAT134H5) / (MAT135H5, MAT136H5)/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**, MAT223H5/MAT240H5

Program #28 ERSPE1061 Environmental Science (Science)

Rationale for change: updating changes to course codes

Before:

First Year: 4.0 credits
 - Environment Foundation: ENV100Y5
 - Quantitative and Basic Scientific Foundation: 3.0 credits chosen from this list: ANT101H5; BIO152H5, BIO153H5; CHM110H5, CHM120H5, CSC108H5, CSC148H5; **ERS120H5**; GGR112H5;
MAT134Y5, MAT135Y5, MAT137Y5, PHY136H5, PHY137H5, PHY146H5, PHY147H5
 Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.
 Upper Years: 4.0 credits
 - Environmental Science Perspective: ENV330H5
 - Field, Project-based, Experiential, and Research Perspectives: 1.5 credit chosen from this list: BIO416H5; ENV299Y5, ENV332H5, ENV399Y5, ENV496H5, ENV497H5; ERS325H5; GGR379H5, GGR417Y5; JEG400Y5
 - Biogeochemical Perspectives: 1.0 credits chosen from this list: BIO311H5, BIO331H5, BIO333H5, BIO373H5, BIO406H5; ENV495H5, ENV496H5; ERS312H5, **ERS313H5**, ERS315H5,
ERS321H5; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR337H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR479H5, GGR484H5;
 - Environmental Management Perspectives: 0.5 credit chosen from this list: BIO464H5; ENV205H5, ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; JEP452H5
 - Social, Economic and Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, ANT368H5, ANT370H5; ECO373Y5; ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR365H5, GGR370H5, GGR419H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; **JPE250Y5**; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5

Note: ENV490H5, ENV491H5 can substitute for #1, #2, #3, or #4 as course requirements, where appropriate, and with permission of the Program Advisor or Academic Counsellor.

After:

First Year: 4.0 credits
 - Environment Foundation: ENV100Y5
 - Quantitative and Basic Scientific Foundation: 3.0 credits chosen from this list: ANT101H5; BIO152H5, BIO153H5; CHM110H5, CHM120H5, CSC108H5, CSC148H5; **ERS101H5**; GGR112H5;
MAT132H5, MAT134H5, MAT135H5, MAT136H5, MAT137Y5, PHY136H5, PHY137H5, PHY146H5, PHY147H5
 Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.
 Upper Years: 4.0 credits
 - Environmental Science Perspective: ENV330H5
 - Field, Project-based, Experiential, and Research Perspectives: 1.5 credit chosen from this list: BIO416H5; ENV299Y5, ENV332H5, ENV399Y5, ENV496H5, ENV497H5; ERS325H5; GGR379H5, GGR417Y5; JEG400Y5
 - Biogeochemical Perspectives: 1.0 credits chosen from this list: BIO311H5, BIO331H5, BIO333H5, BIO373H5, BIO406H5; ENV495H5, ENV496H5; ERS312H5, ERS315H5, **ERS412H5**; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR337H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5,

GGR406H5, GGR407H5, GGR479H5, GGR484H5;
 - Environmental Management Perspectives: 0.5 credit chosen from this list: BIO464H5; ENV205H5, ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; JEP452H5
 - Social, Economic and Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, ANT368H5, ANT370H5; ECO373Y5; ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR365H5, GGR370H5, GGR419H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; **JPE251H5, JPE252H5**; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5

Note: ENV490H5, ENV491H5 can substitute for #1, #2, #3, or #4 as course requirements, where appropriate, and with permission of the Program Advisor or Academic Counsellor.

Program #29 ERSPE1118 Biotechnology (Science)

Rationale for change: Change is due to Math introducing two new half courses

Before: ***MAT134Y5** - Calculus for Life Sciences is highly recommended. **Please note that while MGM101H and MGM102H are listed as first-year courses, students cannot enrol in these courses until they are admitted into the Specialist Program and therefore will be taking these courses in their 2nd, 3rd or 4th years of study CGPA for enrolment into this program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable).
 NOTE: No substitute statistics course will be allowed for BIO360H5. It is recommended that students in this program consider taking a research project or internship course in either Biology (BIO400Y5/BIO481Y5) or Chemistry (CHM489Y5) or JCB487Y5. Other 4th-year courses directly relevant to this program are BIO443H5, BIO476H5, BIO477H5, CHM414H5 and CHM462H5. Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program. Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.
 First Year BIO152H5, BIO153H5; CHM110H5, CHM120H5; **MAT134Y5***/MAT135Y5/ MAT137Y5; MGM101H5**, MGM102H5**

After: ***(MAT132H5, MAT134H5)/MAT134Y5** - Calculus for Life Sciences is highly recommended. **Please note that while MGM101H and MGM102H are listed as first-year courses, students cannot enrol in these courses until they are admitted into the Specialist Program and therefore will be taking these courses in their 2nd, 3rd or 4th years of study CGPA for enrolment into this program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable).
 NOTE: No substitute statistics course will be allowed for BIO360H5. It is recommended that students in this program consider taking a research project or internship course in either Biology (BIO400Y5/BIO481Y5) or Chemistry (CHM489Y5) or JCB487Y5. Other 4th-year courses directly relevant to this program are BIO443H5, BIO476H5, BIO477H5, CHM414H5 and CHM462H5. Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program. Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.
 First Year BIO152H5, BIO153H5; CHM110H5, CHM120H5; **(MAT132H5, MAT134H5) /MAT134Y5*/ (MAT135H5, MAT136H5)**/MAT135Y5/ MAT137Y5; MGM101H5**, MGM102H5**

Program #30 ERSPE1160 Psychology (Science)

Rationale for change: PSY351H5 removed from list of Perception/Cognition/Communication courses (course doesn't have a strong link to this area.) PSY399H5 numbering was changed to PSY369H Newly introduced ROP PSY499H5 was added to list of research course options at the fourth year level

Before:
 Second Year
 - PSY201H5, ~~202H5~~ or equivalent
 - PSY210H5, ~~200H5~~
 - one of the following:
 PSY270H5, PSY274H5, ~~280H5~~
 - one of the following:
 PSY220H5, ~~230H5, 240H5~~
 - one additional half credit at the 200 level
 Third Year

- PSY309H5
- One laboratory course from the following:
PSY319H5, ~~320H5, 379H5, 399H5~~
- 2.5 credits from the following courses: 0.5 credit must be taken from each group:
 - Biological Bases of Behaviour:
~~PSY318H5, 346H5, 351H5, 352H5, 353H5, 354H5, 355H5, 362H5, 372H5, 391H5, 392H5, 393H5, 395H5, 397H5, 398H5~~; BIO304H5, ~~310H5, 318Y5, 328H5~~
 - Perception/Cognition/Communication: PSY312H5, ~~315H5, 316H5, 351H5, 360H5, 362H5, 371H5, 372H5, 374H5, 376H5, 384H5, 385H5, 387H5, 393H5, 397H5~~
 - Developmental/Abnormal/Social/Personality: PSY310H5, ~~311H5, 312H5, 313H5, 315H5, 316H5, 317H5, 318H5, 320H5, 321H5, 324H5, 325H5, 327H5, 328H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 345H5, 346H5, 353H5~~
- Fourth Year
 - ~~PSY400Y5/403H5/404H5/405H5/406H5~~
 - one of the following:
PSY402H5, ~~410H5, 415H5, 420H5, 430H5, 435H5, 440H5, 442Y5, 471H5, 480H5, 490H5, 495H5~~;
BIO403H5, ~~407H5~~; STA441H5

After:

- Second Year
 - PSY201H5, PSY202H5 or equivalent
 - PSY210H5, PSY290H5
 - one of the following:
PSY270H5, PSY274H5, PSY280H5
 - one of the following:
PSY220H5, PSY230H5, PSY240H5
 - one additional half credit at the 200 level
- Third Year
 - PSY309H5
 - One laboratory course from the following:
PSY319H5, PSY329H5, PSY369H5, PSY379H5
 - 2.5 credits from the following courses: 0.5 credit must be taken from each group:
 - Biological Bases of Behaviour:
PSY318H5, PSY346H5, PSY351H5, PSY352H5, PSY353H5, PSY354H5, PSY355H5, PSY362H5, PSY372H5, PSY391H5, PSY392H5, PSY393H5, PSY395H5, PSY397H5, PSY398H5; BIO304H5, BIO310H5, BIO318Y5, BIO328H5
 - Perception/Cognition/Communication: PSY312H5, PSY315H5, PSY316H5, PSY360H5, PSY362H5, PSY371H5, PSY372H5, PSY374H5, PSY376H5, PSY384H5, PSY385H5, PSY387H5, PSY393H5, PSY397H5
 - Developmental/Abnormal/Social/Personality: PSY310H5, PSY311H5, PSY312H5, PSY313H5, PSY315H5, PSY316H5, PSY317H5, PSY318H5, PSY320H5, PSY321H5, PSY324H5, PSY325H5, PSY327H5, PSY328H5, PSY331H5, PSY333H5, PSY340H5, PSY341H5, PSY343H5, PSY344H5, PSY345H5, PSY346H5, PSY353H5
- Fourth Year
 - PSY400Y5/PSY403H5/PSY404H5/PSY405H5/PSY406H5/PSY499H5
 - one of the following:
PSY402H5, PSY410H5, PSY415H5, PSY420H5, PSY430H5, PSY435H5, PSY440H5, PSY442Y5, PSY471H5, PSY480H5, PSY490H5, PSY495H5; BIO403H5, BIO407H5; STA441H5

Program #31 ERSPE1237 Molecular Biology (Science)

Rationale for change: Change is due to Math introducing two new half courses. Change in credits to complete program are due to the fact that the department added one other course requirement (BIO342) at the October 2017 curriculum meeting, and forgot to also increase the required credits needed to complete program. ERS101H5 added to program as ERS120H5 is no longer being offered. BIO347H5 (Epigenetics) had previously been missed as a course option. BIO408H5 and BIO419H5 are new course options for this program.

Before: **14.5** credits are required.
 First Year BIO152H5, BIO153H5; CHM110H5, CHM120H5; MAT134Y5/ MAT135Y5/ MAT137Y5; plus 1.0 of CLA201H5; ENV100Y5; **ERS120H5**; PHY136H5, PHY137H5; PSY100Y5; WRI203H5, WRI307H5
 Third Year BIO314H5, BIO315H5, BIO342H5, BIO360H5, BIO370Y5, BIO372H5; CHM361H5, CHM362H5, CHM372H5, CHM373H5; plus 0.5 of BIO304H5, BIO310H5, BIO341H5, BIO362H5, BIO368H5, BIO374H5, BIO375H5, BIO380H5; CHM347H5; PHY332H5, PHY333H5; BCH335H1, BCH340H1
 Fourth Year BIO477H5* plus 1.0 of: BIO407H5, BIO411H5, BIO422H5, BIO443H5, BIO458H5, BIO476H5,

BIO481Y5; BCH441H1; CHM444H5, CHM462H5, CHM489Y5; JBC472H5; JCB487Y5; JCP463H5; CSB435H1, CSB450H1, CSB459H1, CSB472H1, CSB473H1, CSB474H1, CSB475H1; MGY425H1, MGY428H1, MGY440H1, MGY445H1, MGY451H1, MGY452H1, MGY470H1; MIJ485H1

* In the event that BIO477H5 is not offered during the 4th year of student's studies, the student must take 1.5 credits from the Fourth Year list above. In such a year, MGY420H1 may be taken.

After:

15.0 credits are required.

First Year BIO152H5, BIO153H5; CHM110H5, CHM120H5; **(MAT132H5, MAT134H5) / MAT134Y5/ (MAT135H5, MAT136H5)/** MAT135Y5/ MAT137Y5; plus 1.0 of CLA201H5;

ENV100Y5; **ERS101H5/ERS120H5**; PHY136H5, PHY137H5; PSY100Y5; WRI203H5, WRI307H5

Third Year BIO314H5, BIO315H5, BIO342H5, BIO360H5, BIO370Y5, BIO372H5; CHM361H5, CHM362H5, CHM372H5, CHM373H5; plus 0.5 of BIO304H5, BIO310H5, BIO341H5, **BIO347H5**, BIO362H5, BIO368H5, BIO374H5, BIO375H5, BIO380H5; CHM347H5; PHY332H5, PHY333H5; BCH335H1, BCH340H1

Fourth Year BIO477H5* plus 1.0 of: BIO407H5, **BIO408H5**, BIO411H5, **BIO419H5**, BIO422H5, BIO443H5, BIO458H5, BIO476H5, BIO481Y5; BCH441H1; CHM444H5, CHM462H5, CHM489Y5; JBC472H5; JCB487Y5; JCP463H5; CSB435H1, CSB450H1, CSB459H1, CSB472H1, CSB473H1, CSB474H1, CSB475H1; MGY425H1, MGY428H1, MGY440H1, MGY445H1, MGY451H1, MGY452H1, MGY470H1; MIJ485H1

***(MAT132H5, MAT134H5)/MAT134Y5 - Calculus for Life Sciences is highly recommended.**

* In the event that BIO477H5 is not offered during the 4th year of student's studies, the student must take 1.5 credits from the Fourth Year list above. In such a year, MGY420H1 may be taken.

Program #32 ERSPE1253 Environmental Geosciences

Rationale for change: added in the split first year math.

Before:

Year 1 BIO152H5, 153H5; CHM110H5, 120H5; ERS101H5/ENV100Y5;

MAT134Y5/135Y5/137Y5; (PHY136H5, 137H5) / (PHY146H5, PHY147H5); STA107H5

After:

Year 1 BIO152H5, 153H5; CHM110H5, 120H5; ERS101H5/ENV100Y5;

(MAT132H5, 134H5)/MATH135H5, 136H5); MAT134Y5/135Y5/137Y5; (PHY136H5, 137H5) / (PHY146H5, PHY147H5); STA107H5

Program #33 ERSPE1338 Forensic Anthropology (Science)

Rationale for change: Changes to the program reflect the new required courses in forensic science, as well as providing more flexibility and options for students. ANT201 was removed, because it focuses on specific ancient civilizations irrelevant to the specialty, as a leftover portion of when it was a full year course.

Before:

Limited Enrolment: Admission into the Forensic Anthropology program is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC Application, upon completing the minimum program entry requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:

- Completion of 4.0 credits; including 3.0 science credits.

- Completion of ANT101H5 with 75% or better and ANT102H5 with 75% or better (Students applying to enroll after second year must have completed 8.0 credits and achieved at least 75% in each of ANT200H5, ANT201H5, ANT202H5, ANT203H5 and ~~ANT205H5~~).

- A minimum Cumulative Grade Point Average of at least 3.0 The actual minimum CGPA varies from year to year but is never lower than 3.0 Application for admission into the program for ALL students can be found at:

www.utm.utoronto.ca/forensic Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year
 Second Year ANT200H5, ~~ANT201H5~~, ANT202H5, ANT203H5, ANT205H5; FSC271H5; ~~STA215H5~~
 Third Year ANT306H5, ANT312H5, ANT317H5, ANT334H5, ~~ANT340H5~~, ~~ANT436H5~~, ~~FSC300H5~~, ~~FSC302H5~~, ~~FSC360H5~~, ~~FSC316H5~~;
 Fourth Year ~~ANT318H5~~/~~ANT358H5~~/~~ANT364H5~~/~~ANT438H5~~/~~FSC407H5~~; ANT415H5, ~~ANT439H5~~; FSC401H5, ~~FSC481Y5~~; ~~HSC404H5~~/~~HSC405H5~~
~~Recommended~~ ~~ANT438H5~~; ~~WRI203H5~~; ~~WRI307H5~~; ~~BIO360H5~~

After: Limited Enrolment: Admission into the Forensic Anthropology program is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC Application, upon completing the minimum program entry requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:

- Completion of 4.0 credits; including 3.0 science credits.
- Completion of ANT101H5 with 75% or better and ANT102H5 with 75% or better and FSC239Y5 with a 70% or better. (Students applying to enroll after second year must have completed 8.0 credits and achieved at least 75% in each of ANT200H5, ANT201H5, ANT202H5, ANT203H5 and ANT205H5) and FSC239Y5 with a 70% or better.
- A minimum Cumulative Grade Point Average of at least 3.0 The actual minimum CGPA varies from year to year but is never lower than 3.0 Application for admission into the program for ALL students can be found at: www.utm.utoronto.ca/forensic Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year

Second Year ANT200H5, ANT202H5, ANT203H5, ANT205H5; FSC271H5; STA215H5/ANT407H5
 Third Year ANT306H5, ANT312H5, ANT317H5, ANT334H5, ANT340H5;
(FSC300H5,FSC302H5)/(FSC210H5, FSC303H5), FSC316H5, FSC340H5, FSC360H5
 Fourth Year ANT415H5, ANT436H5/FSC307H5; ANT439H5, ANT441H5; FSC330H5, FSC401H5, FSC481Y5/(FSC482H5, FSC483H5)

Program #34 ERSPE1376 Chemistry (Science)

Rationale for change: added in the new first year Math courses Restore the minimum chemistry grade for entry to the program to 65%. (It was mistakenly changed to 70% last year)

Before: Limited Enrolment: Enrolment in this program is restricted. Selection will be based on completion of 4.0 credits including (CHM110H5,120H5) (minimum grade of 65% in 120H5); **MAT134Y5/ 135Y5/ 137Y5/157Y5** (minimum grade of 65%); and a minimum CGPA of 2.5.
 Year 1 **CHM110H5,120H5; MAT134Y5/135Y5/137Y5/157Y5;**
 (PHY136H5,137H5)/(146H5, 147H5)

After: Limited Enrolment: Enrolment in this program is restricted. Selection will be based on completion of 4.0 credits including (CHM110H5,120H5) (minimum grade of 65% in 120H5); **(MAT132H5, 134H5)(minimum grade of 65% in MAT134H5)/(MAT135H5, 136H5)(minimum grade of 65% in MATH 136H6)/**
/MAT134Y5/135Y5/137Y5/157Y5 (minimum grade of 65%); and a minimum CGPA of 2.5.
 Year 1 **(CHM110H5,120H5);((MAT132H5, 134H5)/MAT135H5,136H5)**
/MAT134Y5/135Y5/137Y5/157Y5; (PHY136H5,137H5)/(146H5, 147H5)

Program #35 ERSPE1410 Forensic Biology (Science)

Rationale for change: Additional changes to the program reflect the new required courses in forensic science, as well as providing more flexibility and options for students. With the addition of a forensic biologist to the program, courses that are not required were deleted and now can be optional for the students.

Before: Limited Enrolment: Admission into the Forensic Biology program is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC application, upon completing the minimum program entry requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:

- Completion of 4.0 credits; including 3.0 science credits
- Completion of BIO152H5 with 65% or better and BIO153H5 with 65% or better
- Completion of CHM110H5 with 65% or better and CHM120H5 with 65% or better
- Completion of ~~MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5~~
- A minimum Cumulative Grade Point Average of at least 3.0. The actual minimum CGPA requirement varies from year to year but is never lower than 3.0 Application for admission into the program for ALL students can be found at: www.utm.utoronto.ca/forensic Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year A minimum of ~~15.0~~ credits are required.
- First Year BIO152H5, BIO153H5; CHM110H5, CHM120H5; FSC239Y5;
~~MAT134Y5/MAT135Y5/MAT137Y5~~; PHY136H5, PHY137H5
- Second Year ~~BIO202H5~~; BIO206H5, BIO207H5, BIO210Y5/FSC316H5; CHM242H5, CHM243H5;
~~FSC271H5~~
- Third and Fourth Years
- ~~(STA215H5; BIO360H5); FSC300H5, FSC302H5, FSC315H5, FSC360H5, FSC401H5, FSC402H5, FSC481Y5~~
- ~~1.5~~ additional ~~BIO~~ credits ~~at the 300/400 level.~~

After:

Limited Enrolment: Admission into the Forensic Biology program is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC application, upon completing the minimum program entry requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:

- Completion of 4.0 credits; including 3.0 science credits
- Completion of BIO152H5 with 65% or better and BIO153H5 with 65% or better
- Completion of CHM110H5 with 65% or better and CHM120H5 with 65% or better
- Completion of (MAT132H5, MAT134H5)/(MAT135H5, MAT136H5)/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5
- Completion of FSC239Y5 with 70% or better.
- A minimum Cumulative Grade Point Average of at least 3.0. The actual minimum CGPA requirement varies from year to year but is never lower than 3.0 Application for admission into the program for ALL students can be found at: www.utm.utoronto.ca/forensic Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year A minimum of 15.5 or 16.0 credits are required.
- First Year BIO152H5, BIO153H5; CHM110H5, CHM120H5; FSC239Y5; (MAT132H5, MAT134H5)/(MAT135H5, MAT136H5)/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5; PHY136H5, PHY137H5
- Second Year BIO206H5, BIO207H5, BIO210Y5/FSC316H5; CHM242H5, CHM243H5; FSC271H5; STA215H5
- Third and Fourth Years
- BIO362H5; CHM361H5; (FSC300H5,FSC302H5)/(FSC210H5,FSC303H5); FSC315H5, FSC330H5, FSC340H5, FSC360H5
- BIO458H5; FSC415H5, FSC416H5, FSC481Y5/(FSC482H5,FSC483H5)
- 0.5 additional credits from: BIO341H5, FSC350H5, FSC370H5, FSC371H5, FSC401H5, FSC402H5, FSC406H5, FSC407H5

Program #36 ERSPE1465 Earth Science (Science)

Rationale for change:

-added in the new first year Math -Addition of upper level courses elective courses (ERS304H5/403H5/404H5) to meet expertise of new faculty; introduce an exciting and appealing course on remote sensing in geology to increase student enrollment in Earth Sciences; work towards APGO certification..

Before:

First Year (ERS101H5, ERS111H5) / ENV100Y5; **MAT134Y5/ 135Y5/ 137Y5;(CHM110H5,120H5)**/(PHY136H5,137H5) / (PHY146H5,147H5)

Third Year ERS325H5; 2.0 credits from ERS301H5/ 302H5/ 303H5/ **311H5/** 312H5/ 315H5/ JGE378H5; 0.5 credit from ERS381H5/ GGR315H5/ 316H5/ 321H5/ 337H5/ 379H5/ 384H5

Fourth Year 1.0 credit from ERS401H5/ 402H5/ **411H5/** 412H5/ 425H5/ 470Y5/ (471H5, 472H5) / JEG400Y5/ GGR407H5/ 463H5/ 464H5/ 484H5/ JCB487Y5/ ERI398H5/ CPS400Y5

After:

First Year (ERS101H5, ERS111H5) / ENV100Y5; **(MAT132H5, 134H5)/ (MAT135H5,**

136H5)/MAT134Y5/135Y5/137Y5;(CHM110H5,120H5)/(PHY136H5,137H5) / (PHY146H5,147H5)

Third Year ERS325H5; 2.0 credits from ERS301H5/ 302H5/ 303H5/ **304H5/311H5**/ 312H5/ 315H5/ JGE378H5; 0.5 credit from ERS381H5/ GGR315H5/ 316H5/ 321H5/ 337H5/ 379H5/ 384H5

Fourth Year 1.0 credit from ERS401H5/ 402H5/ **403H5/404H5/411H5**/ 412H5/ 425H5/ 470Y5/ (471H5, 472H5) / JEG400Y5/ GGR407H5/ 463H5/ 464H5/ 484H5/ JCB487Y5/ ERI398H5/ CPS400Y5

Program #37 ERSPE1505 Forensic Psychology (Science)

- Rationale for change:** Additional changes to the program reflect the new required courses in forensic science, as well as providing more focus to the FSc Psychology specialist program. |
Dept. course number change; Resource Implications: n/a
- Before:** Limited Enrolment: Admission into the Forensic Psychology Specialist Program is limited to a relatively small number of students per year and admission is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC application, upon completing the 2nd year minimum requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:
- Completion of any Gr.12(4U) Biology and Advanced Functions or equivalent*;
- Completion of 8.0 credits
- Completed PSY201H5, PSY202H5 (or equivalent), and at least 1.5 FCE in 200 series PSY courses with a minimum average of 77% for those five half courses and
- A minimum Cumulative Grade Point Average of at least 3.0. The actual minimum CGPA requirement varies from year to year but is never lower than 3.0 Application for admission into the program for ALL students can be found at: www.utm.utoronto.ca/forensic Forensic Science Applications Open: March 1 of each year At least 15.0 credits are required. First Year PSY100Y5; FSC239Y5; BIO152H5, BIO153H5
Higher Years
- PSY201H5, PSY202H5/equivalent
- **FSC271H5**
- PSY210H5, PSY220H5, PSY230H5, PSY240H5, PSY270H5/PSY274H5/ PSY280H5, PSY290H5
- **FSC300H5, FSC302H5, FSC316H5**; PSY309H5, PSY328H5, PSY340H5/PSY341H5, PSY344H5, PSY346H5, PSY393H5
- One laboratory course from: PSY329H5, PSY379H5, PSY399H5
- FSC360H5 and 0.5 credits from the following: FSC311H5, FSC315H5, FSC401H5, FSC402H5, FSC403H5, FSC406H5, FSC407H5
- 0.5 credit from PSY 400 level series courses
- FSC481Y5
- After:** Limited Enrolment: Admission into the Forensic Psychology Specialist Program is limited to a relatively small number of students per year and admission is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC application, upon completing the 2nd year minimum requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:
- Completion of any Gr.12(4U) Biology and Advanced Functions or equivalent*;
- Completion of 8.0 credits
- Completed PSY201H5, PSY202H5 (or equivalent), and at least 1.5 FCE in 200 series PSY courses with a minimum average of 77% for those five half courses and
- A minimum Cumulative Grade Point Average of at least 3.0. The actual minimum CGPA requirement varies from year to year but is never lower than 3.0 Application for admission into the program for ALL students can be found at: www.utm.utoronto.ca/forensic Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year At least 15.0 credits are required. First Year PSY100Y5; FSC239Y5; BIO152H5, BIO153H5
Higher Years
- PSY201H5, PSY202H5/equivalent
- **FSC271H5, FSC220H5**
- PSY210H5, PSY220H5, PSY230H5, PSY240H5, PSY270H5/PSY274H5/ PSY280H5, PSY290H5
- **(FSC300H5, FSC302H5)/(FSC303H5, FSC316H5)**; PSY309H5, PSY328H5, PSY340H5/PSY341H5, PSY344H5, PSY346H5, PSY393H5
- One laboratory course from: PSY329H5, PSY379H5, PSY399H5
- FSC360H5 and 0.5 credits from the following: FSC311H5, FSC315H5, FSC401H5, FSC402H5, FSC403H5, FSC406H5, FSC407H5
- 0.5 credit from PSY 400 level series courses
- FSC481Y5

Program #38 ERSPE1540 Statistics, Applied (Science)

- Rationale for change:** MAT134Y5 will be replaced by MAT132H5 and MAT134H5. MAT135Y5 will be replaced by MAT135H5 and MAT136H5. Program entry requirement for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).
- Before:** Limited Enrolment: Enrolment in the Specialist program is limited to students with a minimum of 4.0 courses to include at least 60% in STA107H5 or 60% in STA256H5/STA257H5; and MAT137Y5/MAT157Y5 or 60% in **MAT135Y5/MAT134Y5** or 55% in MAT233H5; a minimum cumulative grade point average, to be determined annually.
First Year CSC108H5; MAT102H5, **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**, MAT223H5/MAT240H5
- After:** Limited Enrolment: Enrolment in the Specialist program is limited to students with a minimum of 4.0 courses to include at least 60% in STA107H5 or 60% in STA256H5/STA257H5; and MAT137Y5/MAT157Y5 or 60% in **MAT134H5 / MAT136H5 / MAT134Y5 / MAT135Y5** or 55% in MAT233H5; a minimum cumulative grade point average, to be determined annually.
First Year CSC108H5; MAT102H5, **(MAT132H5, MAT134H5)/(MAT135H5, MAT136H5)/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**, MAT223H5/MAT240H5

Program #39 ERSPE1688 Computer Science (Science)

- Rationale for change:** MAT134Y5 will be replaced by MAT132H5 and MAT134H5. MAT135Y5 will be replaced by MAT135H5 and MAT136H5. Program entry requirement for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).
- Before:** Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:
- Prerequisite Courses A minimum of 4.0 credits to include CSC148H5; MAT102H5; and one of **(MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5)**.
- Required Course Marks in CSC148H5 and MAT102H5 The minimum course mark in CSC148H5 and MAT102H5 is determined annually. It is never lower than 65.
- Cumulative Grade Point Average (CGPA) The minimum CGPA is determined annually. It is never lower than 2.0. The Computer Science Specialist is a deregulated fees program and as such, tuition fees for students enrolled in this program are higher than for other regulated fee programs. Fees are charged on a program and not a per-course basis. See www.fees.utoronto.ca for more information on the fee structures.
First Year CSC108H5, CSC148H5; MAT102H5, MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5
- After:** Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:
- Prerequisite Courses A minimum of 4.0 credits to include CSC148H5; MAT102H5; and one of **(MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5)**.
- Required Course Marks in CSC148H5 and MAT102H5 The minimum course mark in CSC148H5 and MAT102H5 is determined annually. It is never lower than 65.
- Cumulative Grade Point Average (CGPA) The minimum CGPA is determined annually. It is never lower than 2.0. The Computer Science Specialist is a deregulated fees program and as such, tuition fees for students enrolled in this program are higher than for other regulated fee programs. Fees are charged on a program and not a per-course basis. See www.fees.utoronto.ca for more information on the fee structures.
First Year CSC108H5, CSC148H5; MAT102H5, **(MAT132H5, MAT134H5)/(MAT135H5, MAT136H5) / MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**

Program #40 ERSPE1868 Bioinformatics (Science)

Rationale for change:

MAT134Y5 will be replaced by MAT132H5 and MAT134H5. MAT135Y5 will be replaced by MAT135H5 and MAT136H5.

Before:

First Year (4.0 credits) BIO152H5; CHM110H5, CHM120H5; CSC108H5, CSC148H5; MAT102H5, MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5

After:

First Year (4.0 credits) BIO152H5; CHM110H5, CHM120H5; CSC108H5, CSC148H5; MAT102H5, **(MAT132H5, MAT134H5) / (MAT135H5, MAT136H5) /** MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5

Program #41 ERSPE1883 Exceptionality in Human Learning (Science)

Rationale for change: Newly introduced ROP course PSY499H5 has been added to list of options at the 400 level (which already includes various 400-level research courses). Reference to requirements for CTEP students has been deleted.

Before:

Limited Enrolment: Enrolment is limited to students who have:

- completed Gr.12(4U) Biology and Advanced Functions or equivalent;
- completed 8.0 credits;
- completed PSY201H5 (or equivalent), ~~210H5, 240H5~~ and at least 1.0 FCE in 200 series ANT/BIO/SOC courses with a minimum average of 75% for those five half courses.
- a minimum CGPA of 2.70.

First Year PSY100Y5; (ANT101H5, ~~102H5~~)/(BIO152H5, ~~153H5~~)/1.0 credit from BIO202H5, ~~205H5, 206H5, 207H5~~/SOC100H5

Second Year

- PSY201H5/ ECO220Y5/ ~~227Y5~~/SOC350H5/ STA215/ ~~218H5~~/220H5/
- PSY210H5, ~~240H5~~

- 0.5 credit from the following: PSY202H5 (or equivalent), ~~270H5, 274H5, 280H5, 290H5~~

Second and Higher Years

- 3.0 credits from the following: PSY310H5, ~~311H5, 312H5, 313H5, 315H5, 316H5, 317H5, 318H5, 319H5, 321H5, 325H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 346H5, 353H5, 374H5, 376H5, 384H5, 385H5, 391H5, 392H5, 393H5~~
- PSY442Y5 and at least 0.5 credit from the following: PSY400Y5, ~~403H5, 404H5, 405H5, 406H5, 410H5, 415H5, 440H5, 474H5, 495H5~~

NOTE: Primary Junior CTEP students are exempt from PSY442Y5 and may take PSY345H5 and any 0.5 FCE 400 level course in psychology instead.

- 2.0 credits from one of the following lists:

- ANT202H5, ~~203H5, 204H5, 205H5, 206H5, 207H5, 211H5, 212H5, 214H5, 215H5, 220H5, 241Y5, 306H5, 322H5, 331H5, 332H5, 333H5, 334H5, 335H5, 337H5, 338H5, 341H5, 350H5, 352H5, 362H5, 364H5, 365H5, 401H5, ANT403, 434H5, 437H5, 460H5, 461H5, 462H5~~

- SOC205H5, ~~209H5, 211H5, 216H5, 219H5, 224H5, 227H5, 240H5, 244H5, 263H5, 275H5, 304H5, 307H5, 310H5, 316H5, 323H5, 332H5, 333H5, 341H5, 352H5, 356H5, 359H5, 371H5, 375H5, 380H5, 456H5, 457H5~~

- BIO202H5, ~~205H5, 206H5, 207H5, 210Y5, 315H5, 341H5, 370Y5, 371H5, 372H5, 375H5, 380H5, 403H5, 407H5, 434H5, 443H5, 476H5, 477H5~~; ANT202H5, ~~203H5, 331H5, 332H5, 333H5, 334H5~~

NOTE: Students who select list b. must take 2.5 credits from this list

- 2.5 additional credits to be selected from the following (no more than 1.0 credit from any one discipline):

ANT Any course in 3(a) not counted previously

SOC Any course in 3(b) not counted previously

BIO Any course in 3(c) not counted previously

CHM CHM242H5, ~~243H5, 341H5, 345H5, 347H5, 361H5, 362H5~~

ENG ENG234H5, ~~384H5~~

FGI/FRE FRE225Y5, ~~355H5~~

HIS HIS310H5, ~~326Y5, 333H5~~

LIN LIN101H5, ~~102H5, 200H5, 256H5, 258H5, 358H5, 380H5~~

JAL JAL253H5, ~~355H5~~

PHL PHL243H5, ~~244H5, 255H5, 267H5, 271H5, 272H5, 274H5, 277Y5, 282H5, 283H5, 290H5, 350H5, 355H5, 357H5, 358H5, 367H5, 370H5, 374H5, 376H5~~

RLG RLG314H5

WGS Any course

After:

Limited Enrolment: Enrolment is limited to students who have:

- completed Gr.12(4U) Biology and Advanced Functions or equivalent;
- completed 8.0 credits;
- completed PSY201H5 (or equivalent), PSY210H5, PSY240H5 and at least 1.0 FCE in 200 series ANT/BIO/SOC courses with a minimum average of 75% for those five half courses.
- a minimum CGPA of 2.70.

First Year PSY100Y5; (ANT101H5, ANT102H5)/(BIO152H5, BIO153H5)/ 1.0 credit from BIO202H5, BIO205H5, BIO206H5, BIO207H5/SOC100H5

Second Year

- PSY201H5/ ECO220Y5/ ECO227Y5/SOC350H5/ STA215/ STA218H5/STA 220H5/

- PSY210H5, PSY240H5

- 0.5 credit from the following: PSY202H5 (or equivalent), PSY270H5, PSY274H5, PSY280H5, PSY290H5

Second and Higher Years

- 3.0 credits from the following: PSY310H5, PSY311H5, PSY312H5, PSY313H5, PSY315H5, PSY316H5, PSY317H5, PSY318H5, PSY319H5, PSY321H5, PSY325H5, PSY331H5, PSY333H5, PSY340H5, PSY341H5, PSY343H5, PSY344H5, PSY346H5, PSY353H5, PSY374H5, PSY376H5, PSY384H5, PSY385H5, PSY391H5, PSY392H5, PSY393H5

- PSY442Y5 and at least 0.5 credit from the following: PSY400Y5, PSY403H5, PSY404H5, PSY405H5, PSY406H5, PSY410H5, PSY415H5, PSY440H5, PSY474H5, PSY495H5, PSY499H5

- 2.0 credits from one of the following lists:

- ANT202H5, ANT203H5, ANT204H5, ANT205H5, ANT206H5, ANT207H5, ANT211H5, ANT212H5, ANT214H5, ANT215H5, ANT220H5, ANT241Y5, ANT306H5, ANT322H5, ANT331H5, ANT332H5, ANT333H5, ANT334H5, ANT335H5, ANT337H5, ANT338H5, ANT341H5, ANT350H5, ANT352H5, ANT362H5, ANT364H5, ANT365H5, ANT401H5, ANT403H5, ANT434H5, ANT437H5, ANT460H5, ANT461H5, ANT462H5

- SOC205H5, SOC209H5, SOC211H5, SOC216H5, SOC219H5, SOC224H5, SOC227H5, SOC240H5, SOC244H5, SOC263H5, SOC275H5, SOC304H5, SOC307H5, SOC310H5, SOC316H5, SOC323H5, SOC332H5, SOC333H5, SOC341H5, SOC352H5, SOC356H5, SOC359H5, SOC371H5, SOC375H5, SOC380H5, SOC456H5, SOC457H5

- BIO202H5, BIO205H5, BIO206H5, BIO207H5, BIO210Y5, BIO315H5, BIO341H5, BIO370Y5, BIO371H5, BIO372H5, BIO375H5, BIO380H5, BIO403H5, BIO407H5, BIO434H5, BIO443H5, BIO476H5, BIO477H5; ANT202H5, ANT203H5, ANT331H5, ANT332H5, ANT333H5, ANT334H5

NOTE: Students who select list b. must take 2.5 credits from this list

- 2.5 additional credits to be selected from the following (no more than 1.0 credit from any one discipline):

ANT Any course in 3(a) not counted previously

SOC Any course in 3(b) not counted previously

BIO Any course in 3(c) not counted previously

CHM CHM242H5, CHM243H5, CHM341H5, CHM345H5, CHM347H5, CHM361H5, CHM362H5

ENG ENG234H5, ENG384H5

FGI/FRE FRE225Y5, FRE355H5

HIS HIS310H5, HIS326Y5, HIS338H5

LIN LIN101H5, LIN102H5, LIN200H5, LIN256H5, LIN258H5, LIN358H5, LIN380H5

JAL JAL253H5, JAL355H5

PHL PHL243H5, PHL244H5, PHL255H5, PHL267H5, PHL271H5, PHL272H5, PHL274H5, PHL277Y5, PHL282H5, PHL283H5, PHL290H5, PHL350H5, PHL355H5, PHL357H5, PHL358H5, PHL367H5, PHL370H5, PHL374H5, PHL376H5

RLG RLG314H5

WGS Any course

Program #42 ERSPE1944 Biomedical Physics Specialist (Science)

Rationale for change:

- For clarity purposes to students - minimum grade of 70% is required in both the first year Physics courses is entered. - PHY426H5 will be a mandatory course in this program while PHY433H5 will be an elective i.e. an option between PHY433H5 and JCP463H5 - both alternating with each other every year.

Before:

Limited Enrolment: Enrolment in this program is based on completion of 4.0 credits including PHY146H5 and PHY147H5 (minimum grade of 70%).

Year 1 PHY146H5, PHY147H5 (minimum grade of 70%); BIO152H5; (CHM110H5,120H5);

MAT135Y5/ 137Y5/157Y5

Year 4 **PHY433H5/426H5**, PHY451H5, (**JCP463H5**, PHY473H5) / PHY489Y5/ CPS400Y/
JCB487Y5; JCP421H5

After: Limited Enrolment: Enrolment in this program is based on completion of 4.0 credits including PHY146H5
(**minimum grade of 70%**) and PHY147H5 (minimum grade of 70%).
Year 1 PHY146H5, PHY147H5 (minimum grade of 70%); BIO152H5; (CHM110H5,120H5);
(**MAT135H5, 136H5**)/**MAT135Y5/137Y5/157Y5**
Year 4 **PHY426H5**, PHY451H5, (**PHY433H5/JCP463H5**, PHY473H5) / PHY489Y5/
CPS400Y/ JCB487Y5; JCP421H5

Program #43 ERSPE1995 Biological Chemistry (Science)

Rationale for change: added in the new first year Math. Restore the minimum chemistry grade for entry to the program to 65%. (It was mistakenly changed to 70% last year.)

Before: Limited Enrolment: Enrolment in this program is restricted. Selection will be based on completion of 4.0 credits including (CHM110H5,120H5) (minimum grade of 65% in 120H5); ~~MAT134Y5/ 135Y5/ 137Y5 / 157Y5~~ (minimum grade of 65%); and a minimum CGPA of 2.5. Completion of BIO152H5 is recommended. Notes:
- Enrolment in certain BCH(G) courses is limited.
- ~~MAT134Y5/ 135Y5/ 137Y5~~ prerequisite is required for all 200-level CHM courses. For MAT157H5 P.I. required from CHM Program Advisor
- Students can not count more than 1.0 credits total in ROP, Internship or Research Project/Thesis courses at the 300-/400-level for credit toward their Chemistry program.
- Students are strongly advised to consult the program adviser regarding their course of study.
Year 1 BIO152H5; ~~(CHM110H5,120H5); MAT134Y5/135Y5/137Y5/157Y5;~~ (PHY136H5,137H5)/(146H5, 147H5)

After: Limited Enrolment: Enrolment in this program is restricted. Selection will be based on completion of 4.0 credits including (CHM110H5,120H5) (minimum grade of 65% in 120H5); (**MAT132H5, 134H5**)(**minimum grade of 65% in MAT134H5**)/(**MAT135H5, 136H5**)(**minimum grade of 65% in MATH 136H6**)/**MAT134Y5/135Y5/137Y5/157Y5** (minimum grade of 65%); and a minimum CGPA of 2.5. Completion of BIO152H5 is recommended. Notes:
- Enrolment in certain BCH(G) courses is limited.
- (**MAT132H5, 134H5**)/ (**MAT135H5, 136H5**)/**MAT134Y5/135Y5/137Y5/157Y5** prerequisite is required for all 200-level CHM courses. For MAT157H5 P.I. required from CHM Program Advisor
- Students can not count more than 1.0 credits total in ROP, Internship or Research Project/Thesis courses at the 300-/400-level for credit toward their Chemistry program.
- Students are strongly advised to consult the program adviser regarding their course of study.
Year 1 BIO152H5; (**CHM110H5,120H5**);(**MAT132H5, 134H5**)/ (**MAT135H5, 136H5**)/**MAT134Y5/135Y5/137Y5/157Y5;** (PHY136H5,137H5)/(146H5, 147H5)

Program #44 ERSPE2070 Geography (Science)

Rationale for change: updated change in ERS course from ERS120H5 to ERS101H5 & removed GGR380H5, this course is no longer offered

Before:
First Year 3.0 credits:
1.0 from GGR111H5 & GGR112H5 (formerly GGR117Y5)
2.0 foundational credits from: **MAT134Y5, MAT135Y5**, MAT137Y5, BIO152H5, BIO153H5, CHM110H5, CHM120H5, PHY100H5, PHY136H5, PHY137H5, **ERS120H5**
Third Year 4.5 credits:
3.5 credits from the following:
GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR315H5, GGR316H5, GGR317H5, GGR338H5, GGR374H5, GGR377H5, GGR379H5, GGR383H5, GGR384H5, JGE378H5
additional 1.0 credit from the list above or from the following:
GGR311H5, 312H5, 321H5, 322H5, 335H5, 337H5, 372H5, **375H5, 380H5**

After:
First Year 3.0 credits:
1.0 from GGR111H5 & GGR112H5 (formerly GGR117Y5)

2.0 foundational credits from: **MAT132H5, MAT134H5, MAT135H5, MAT136H5, MAT137Y5, BIO152H5, BIO153H5, CHM110H5, CHM120H5, PHY100H5, PHY136H5, PHY137H5, ERS101H5**

Third Year 4.5 credits:

3.5 credits from the following:

GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR315H5, GGR316H5, GGR317H5, GGR338H5, GGR374H5, GGR377H5, GGR379H5, GGR383H5, GGR384H5, JGE378H5

additional 1.0 credit from the list above or from the following:

GGR311H5, 312H5, 321H5, 322H5, 335H5, 337H5, 372H5, **375H5**

Program #45 ERSPE2364 Biology (Science)

Rationale for change: Change is due to Math introducing two new half courses. ERS101H5 is being added to program as ERS120H5 is no longer being offered. BIO376H5 was a new course last year that we forgot to add as a program option. BIO347H5 (Epigenetics) had previously been missed as a course option. BIO408H5, BIO414H5, & BIO419H5 are new course options for this program.

Before: It is recommended that students in the specialist program include at least 0.5 credit from each of four of the following groups:

- Ecology and Field Biology: BIO311H5, BIO312H5, BIO313H5, BIO416H5, BIO330H5, BIO331H5, BIO333H5, BIO373H5, BIO378H5, BIO412H5, BIO464H5
 - Biology of Whole Organisms: BIO325H5, BIO326H5, BIO335H5, BIO338H5, BIO354H5, BIO356H5, BIO378H5
 - Genetics and Evolution: BIO341H5, BIO342H5, BIO407H5, BIO422H5, BIO443H5, BIO445H5, BIO464H5
 - Cell, Molecular and Developmental Biology: BIO314H5, BIO315H5, BIO324H5, BIO362H5, BIO370Y5 / BIO371H5, BIO372H5, BIO374H5, BIO375H5, BIO380H5, BIO404H5, BIO407H5, BIO422H5, BIO458H5, BIO475H5, BIO476H5, BIO477H5
 - Physiology and Behaviour: BIO210Y5, BIO304H5, BIO310H5, BIO312H5, BIO318Y5 / BIO328H5, BIO320H5, BIO368H5, BIO405H5, BIO409H5, BIO410H5, BIO411H5, BIO434H5 ***MAT134Y5** - Calculus for Life Sciences is highly recommended. Up to 1.0 credit may be taken from the following biology-related courses: GGR227H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR312H5; CHM347H5, CHM361H5, CHM362H5, CHM372H5, CHM373H5; PHY332H5, PHY333H5; PSY290H5, PSY355H5, PSY357H5, PSY392H5, PSY395H5, PSY397H5; ANT334H5, ANT336H5, ANT340H5. Additional courses: BIO361H5, BIO400Y5, BIO481Y5; JCB487Y5 Notes:
 - CGPA for enrolment into this program is calculated based on a minimum of 4.0 credits completed at UTM with final percentage grades (i.e. CR/NCR course are not applicable). Students wishing to emphasize cell biology, molecular biology, microbiology, physiology or genetics, should take CHM242H5 and CHM243H5 in second year. Such students should take **MAT134Y5/ MAT135Y5/**MAT137Y5, a prerequisite, in their first year.
 - No substitute statistics course will be allowed for BIO360H5.
 - Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program.
 - Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.
- First Year
- BIO152H5, BIO153H5; CHM110H5, CHM120H5; MAT134Y5*/ MAT135Y5/ MAT137Y5
 - 1.0 from the following: CLA201H5; ENV100Y5; **ERS120H5**; PHY136H5, PHY137H5, PSY100Y5; WRI203H5, WRI307H5

After: It is recommended that students in the specialist program include at least 0.5 credit from each of four of the following groups:

- Ecology and Field Biology: BIO311H5, BIO312H5, BIO313H5, BIO416H5, BIO330H5, BIO331H5, BIO333H5, BIO373H5, **BIO376H5**, BIO378H5, BIO412H5, BIO464H5
- Biology of Whole Organisms: BIO325H5, BIO326H5, BIO335H5, BIO338H5, BIO354H5, BIO356H5, **BIO376H5**, BIO378H5
- Genetics and Evolution: BIO341H5, BIO342H5, **BIO347H5**, BIO407H5, BIO422H5, BIO443H5, BIO445H5, BIO464H5
- Cell, Molecular and Developmental Biology: BIO314H5, BIO315H5, BIO324H5, BIO362H5, BIO370Y5 / BIO371H5, BIO372H5, BIO374H5, BIO375H5, BIO380H5, BIO404H5, BIO407H5, **BIO408H5, BIO419H5**, BIO422H5, BIO458H5, BIO475H5, BIO476H5, BIO477H5

- Physiology and Behaviour: BIO210Y5, BIO304H5, BIO310H5, BIO312H5, BIO318Y5 / BIO328H5, BIO320H5, BIO368H5, BIO405H5, **BIO408H5**, BIO409H5, BIO410H5, BIO411H5, **BIO414H5**, BIO434H5 ***(MAT132H5, MAT134H5)/MAT134Y5** - Calculus for Life Sciences is highly recommended. Up to 1.0 credit may be taken from the following biology-related courses: GGR227H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR312H5; CHM347H5, CHM361H5, CHM362H5, CHM372H5, CHM373H5; PHY332H5, PHY333H5; PSY290H5, PSY355H5, PSY357H5, PSY392H5, PSY395H5, PSY397H5; ANT334H5, ANT336H5, ANT340H5. Additional courses: BIO361H5, BIO400Y5, BIO481Y5; JCB487Y5 Notes:
 - CGPA for enrolment into this program is calculated based on a minimum of 4.0 credits completed at UTM with final percentage grades (i.e. CR/NCR course are not applicable). Students wishing to emphasize cell biology, molecular biology, microbiology, physiology or genetics, should take CHM242H5 and CHM243H5 in second year. Such students should take **(MAT132H5, MAT134H5)/MAT134Y5/ (MAT135H5, MAT136H5)/MAT135Y5/** MAT137Y5, a prerequisite, in their first year.
 - No substitute statistics course will be allowed for BIO360H5.
 - Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program.
 - Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.
- First Year
- BIO152H5, BIO153H5; CHM110H5, CHM120H5; **(MAT132H5, MAT134H5)/MAT134Y5*/ (MAT135H5, MAT136H5)/MAT135Y5/** MAT137Y5
 - 1.0 from the following: CLA201H5; ENV100Y5; **ERS101H5/ERS120H5**; PHY136H5, PHY137H5, PSY100Y5; WRI203H5, WRI307H5

Program #46 ERSPE2470 Neuroscience (Science)

Rationale for change: *Neuroscience* replaces *Behaviour, Neuroscience, and Genetics* as the name of this Specialist program. The new name will provide a more contemporary and transparent understanding of the program's focus. Second year: BIO205H5 (Ecology) is being removed as a required course but can still count towards the specialist program. The new added second-year prerequisites ("one of the following..." cases) provide important breadth/grounding in PSY and BIO that the overwhelming majority of students were already meeting, but which we would like to encode in the requirements. Third year: BIO320 (recently introduced) is added as an option to the Behavioural Neuroscience area. PSY399 was renumbered as PSY369. The content of PSY351 was judged to not fit with the neuroscience SPE program. PSY385 was removed from Psychology offerings several years ago and so has been removed from the list. (No current specialists have taken this course.) Two of the three phrases used to describe third-year breadth areas have been modified somewhat. Fourth year: BIO408H has been added as an option (new course, brought to our attention and suggested for inclusion at the Sept 26 Divisional meeting). BIO320H (recently introduced course) has been added to third year options. The new ROP PSY499H course has been added as a fourth year option for research project courses. Overall: The changed 200-level prerequisites result in an increase of 1.0 FCE in the requirements, so the overall required total is 11.5 program credits. The new second-year requirements have been meshed with the courses used to assess enrolment eligibility. The admission requirement of 77% has also been changed from CGPA to AGPA to provide a better index of student performance in the key second-year courses. The redesignation of PSY290H5 as a required course for admission recognizes the necessity of completing and achieving a high academic standard in a foundational neuroscience course prior to enrolment in a neuroscience specialist program. References to 'streams' have been replaced. All courses are now listed with their 3-letter prefix.

Before: Limited Enrolment: Enrolment is limited to students who have:

- completed 8.0 credits;
 - successfully completed BIO152H5, ~~153H5~~, CHM110H5, ~~120H5~~ and ~~MAT134Y5/135Y5/137Y5/157Y5~~;
 - completed PSY201H5, ~~202H5~~ (or equivalent), and at least ~~1.0~~ FCE from: ~~BIO202H5/205H5/206H5/207H5/ PSY290H5~~ with a minimum average of 77%
 - a minimum ~~CGPA~~ of 3.0 ~~1.0~~ credits are required, including at least 3.0 300/400 level credits and 1.0 400 level credit.
- First Year PSY100Y5; BIO152H5; BIO153H5; ~~CHM110H5, 120H5; MAT134Y5/135Y5/137Y5/157Y5~~
- Second Year
- PSY201H5, ~~202H5~~ or equivalent
 - ~~BIO205H5~~; BIO206H5; BIO207H5; PSY290H5
- Second year notes:
- BIO202H5 and/or ~~203H5~~ are required for several courses in the Neurobiology ~~stream~~
 - PSY210H5 (Introduction to Developmental Psychology) is required for several courses in the Behavioural

~~stream~~ Students are encouraged to consider taking these courses depending on their planned course of study.

Third Year 1.0 credit from each of the following three ~~streams~~:

- ~~Behaviour~~: ~~BIO318Y5/328H5~~, PSY316H5, ~~318H5~~, ~~346H5~~, ~~351H5~~, ~~352H5~~, ~~353H5~~, ~~354H5~~, ~~355H5~~, ~~360H5~~, ~~362H5~~, ~~385H5~~, ~~391H5~~, ~~392H5~~, ~~393H5~~, ~~395H5~~, ~~397H5~~, ~~398H5~~, ~~399H5~~
- ~~Genetics~~: BIO314H5, ~~315H5~~, ~~341H5~~, ~~347H5~~, ~~372H5~~, ~~407H5~~, ~~476H5~~, PSY355H5, ~~392H5~~
- ~~Neurobiology~~: BIO304H5, ~~310H5~~, ~~380H5~~, ~~404H5~~, ~~409H5~~, PSY318H5, ~~346H5~~, ~~385H5~~, ~~393H5~~, ~~397H5~~, ~~399H5~~

- Students interested in taking PSY400Y5 are advised to take PSY309H5.

Fourth Year

- One seminar from the following: BIO403H5, ~~404H5~~, ~~406H5~~, ~~407H5~~, PSY490H5, ~~495H5~~

- One thesis/ research project from the following: BIO481Y5, PSY400Y5, ~~403H5/404H5/405H5/406H5~~

After:

Limited Enrolment: Enrolment is limited to students who have:

- completed 8.0 credits;

- successfully completed BIO152H5, BIO153H5, CHM110H5, CHM120H5 and MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5;

- completed PSY201H5, PSY202H5 (or equivalent), PSY290H5, and at least 0.5 FCE from: BIO202H5/BIO205H5/BIO206H5/BIO207H5/ PSY210H5/PSY270H5/PSY274H5/PSY280H5 with a minimum average of 77%

- a minimum AGPA of 3.0 11.5 credits are required, including at least 3.0 300/400 level credits and 1.0 400 level credit.

First Year PSY100Y5; BIO152H5; BIO153H5; CHM110H5,CHM120H5;

MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5

Second Year

- PSY201H5, PSY202H5 or equivalent

- BIO206H5; BIO207H5; PSY290H5

- one of the following: PSY210H5, PSY270H5, PSY274H5, PSY280H5

- one of the following: BIO202H5, BIO203H5, BIO205H5 Second year notes:

- BIO202H5 and/or BIO203H5 are required for several courses in the Neurobiology area

- PSY210H5 (Introduction to Developmental Psychology) is required for several courses in the Behavioural area Students are encouraged to consider taking these courses depending on their planned course of study.

Third Year 1.0 credit from each of the following three areas:

- Behavioural Neuroscience area: BIO318Y5/BIO328H5, BIO320H5, PSY316H5, PSY318H5, PSY346H5, PSY352H5, PSY353H5, PSY354H5, PSY355H5, PSY360H5, PSY362H5, PSY369H5, PSY391H5, PSY392H5, PSY393H5, PSY395H5, PSY397H5, PSY398H5

- Molecular/Cellular Biology area: BIO314H5, BIO315H5, BIO341H5, BIO347H5, BIO372H5, BIO407H5, BIO476H5, PSY355H5, PSY392H5

- Neurobiology area: BIO304H5, BIO310H5, BIO380H5, BIO404H5, BIO409H5, PSY318H5, PSY346H5, PSY369H5, PSY393H5, PSY397H5 Third year note:

- Students interested in taking PSY400Y5 are advised to take PSY309H5.

Fourth Year

- One seminar from the following: BIO403H5, BIO404H5, BIO406H5, BIO407H5, BIO408H5, PSY490H5, PSY495H5

- One thesis/ research project from the following: BIO481Y5, PSY400Y5,

PSY403H5/PSY404H5/PSY405H5/PSY406H5/PSY499H5

Program #47 Combined Specialist in Environmental Science and MScSM

Rationale for change: updated new course codes

Before:

First Year

- Environment Foundation: ENV100Y5

- Quantitative and Basic Scientific Foundation: 3.0 credits chosen from this list: ANT101H5; BIO152H5, BIO153H5, CHM110H5, CHM120H5; CSC108H5, CSC148H5; **ERS120H5**, GGR112H5,

MAT134Y5, MAT135Y5, MAT137Y5; PHY136H5, PHY137H5, PHY146H5, PHY147H5

Third & Fourth Years

- Environmental Science Perspective: ENV330H5
- Field, Project-based, Experiential, and Research Perspectives: 1.5 credit chosen from this list: BIO416H5; ENV299Y5, ENV332H5, ENV399Y5, ENV496H5, ENV497H5; ERS325H5; GGR379H5, GGR417Y5; JEG400Y5
- Biogeochemical Perspectives: 1.0 credits chosen from this list: BIO311H5, BIO331H5, BIO333H5, BIO373H5, BIO406H5; ENV495H5, ENV496H5; ERS312H5, **ERS313H5**, ERS315H5, **ERS321H5**; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR337H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR479H5, GGR484H5
- Environmental Management Perspectives: 0.5 credit chosen from this list: BIO464H5; ENV205H5, ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; JEP452H5
- Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, ANT368H5, ANT370H5; ECO373Y5; ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR365H5, GGR370H5, GGR419H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; **JPE250Y5**; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5
- MScSM Courses: 1.0 credit chosen from this list: SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H; ECO2908H; EES1107H, EES1124H, EES1125H; ENV1002H, ENV1704H, ENV1707H; or another program-relevant graduate course with permission of the MScSM Director

After:

First Year

- Environment Foundation: ENV100Y5
- Quantitative and Basic Scientific Foundation: 3.0 credits chosen from this list: ANT101H5; BIO152H5, BIO153H5, CHM110H5, CHM120H5; CSC108H5, CSC148H5; **ERS101H5**, GGR112H5, **MAT132H5, MAT134H5, MAT135H5, MAT136H5**, MAT137Y5; PHY136H5, PHY137H5, PHY146H5, PHY147H5

Third & Fourth Years

- Environmental Science Perspective: ENV330H5
- Field, Project-based, Experiential, and Research Perspectives: 1.5 credit chosen from this list: BIO416H5; ENV299Y5, ENV332H5, ENV399Y5, ENV496H5, ENV497H5; ERS325H5; GGR379H5, GGR417Y5; JEG400Y5
- Biogeochemical Perspectives: 1.0 credits chosen from this list: BIO311H5, BIO331H5, BIO333H5, BIO373H5, BIO406H5; ENV495H5, ENV496H5; ERS312H5, ERS315H5, **ERS412H5**; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR337H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR479H5, GGR484H5
- Environmental Management Perspectives: 0.5 credit chosen from this list: BIO464H5; ENV205H5, ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; JEP452H5
- Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, ANT368H5, ANT370H5; ECO373Y5; ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR365H5, GGR370H5, GGR419H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; **JPE251H5, JPE252H5**; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5
- MScSM Courses: 1.0 credit chosen from this list: SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H; ECO2908H; EES1107H, EES1124H, EES1125H; ENV1002H, ENV1704H, ENV1707H; or another program-relevant graduate course with permission of the MScSM Director

Program #48 Combined Major in Environmental Science and MScSM

Rationale for change: updated new course codes

Before:

First Year

- Environment Foundation: ENV100Y5
 - Quantitative and Basic Scientific Foundation: 2.0 credits chosen from this list: ANT101H5, BIO152H5, BIO153H5, CHM110H5, CHM120H5, **ERS120H5**; GGR112H5, **MAT134Y5, MAT135Y5**, MAT137Y5, PHY136H5, PHY137H5, PHY146H5, PHY147H5
- Third & Fourth Years
- Environmental Science Perspective: ENV330H5

- Field, Project-Based, Experiential, and Research Perspectives: 0.5 credit chosen from this list: BIO416H5; ENV299Y5, ENV332H5, ENV399Y5, ENV496H5, ENV497H5; ERS325H5; GGR379H5, GGR417Y5; JEG400Y5
- Biogeochemical Perspectives: 1.0 credit chosen from this list: BIO311H5, BIO331H5, BIO333H5; ENV495H5, ENV496H5; ERS312H5, **ERS313H5**, ERS315H5, **ERS321H5**; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR337H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR479H5, GGR484H5
- Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, ANT368H5, ANT370H5; BIO464H5; ECO373Y5; ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR365H5, GGR370H5, GGR415H5, GGR419H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; **JPE250Y5**; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5
- MScSM Courses: 1.0 credit chosen from this list: SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H; ECO2908H; EES1107H, EES1124H, EES1125H; ENV1002H, ENV1704H, ENV1707H; or another program-relevant graduate course with permission of the MScSM Director

After:

First Year

- Environment Foundation: ENV100Y5
- Quantitative and Basic Scientific Foundation: 2.0 credits chosen from this list: ANT101H5, BIO152H5, BIO153H5, CHM110H5, CHM120H5, **ERS101H5**; GGR112H5, **MAT132H5, MAT134H5, MAT135H5, MAT136H5**, MAT137Y5, PHY136H5, PHY137H5, PHY146H5, PHY147H5

Third & Fourth Years

- Environmental Science Perspective: ENV330H5
- Field, Project-Based, Experiential, and Research Perspectives: 0.5 credit chosen from this list: BIO416H5; ENV299Y5, ENV332H5, ENV399Y5, ENV496H5, ENV497H5; ERS325H5; GGR379H5, GGR417Y5; JEG400Y5
- Biogeochemical Perspectives: 1.0 credit chosen from this list: BIO311H5, BIO331H5, BIO333H5; ENV495H5, ENV496H5; ERS312H5, ERS315H5, **ERS412H5**; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR337H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR479H5, GGR484H5
- Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, ANT368H5, ANT370H5; BIO464H5; ECO373Y5; ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR365H5, GGR370H5, GGR415H5, GGR419H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; **JPE251H5, JPE252H5**; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5
- MScSM Courses: 1.0 credit chosen from this list: SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H; ECO2908H; EES1107H, EES1124H, EES1125H; ENV1002H, ENV1704H, ENV1707H; or another program-relevant graduate course with permission of the MScSM Director

New Courses

Course #1 ANT299H5 Research Opportunity Program EXP (SSc,SCI,EXP)

Description:	This courses provides a richly rewarding opportunity for students in their second year to work in the research project of a professor in return for 299H5 course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities (Page 21) for more details.
Exclusion:	ANT299Y5
Rationale:	As announced from the Office of the Dean at the April 2018 meeting, "H" courses for ROP are allowed.
No. Hours	
Instruction:	
Offered at St George:	No
Revived Course:	No

Course #2 ANT399H5 Research Opportunity Program EXP (SSc,SCI,EXP)

Description:	This course provides senior undergraduate students who have developed some knowledge of a discipline and its research methods an opportunity to work in the research project of a professor in return for course credit. Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early March. For details see Experiential and International Opportunities (Page 21).
Exclusion:	ANT399Y5
Rationale:	As announced from the Office of the Dean at the April 2018 meeting, "H" courses for ROP are allowed.
No. Hours	
Instruction:	
Offered at St George:	No
Revived Course:	No

Course #3 BIO408H5 Neural Circuit Structure and Function (SCI)

Description:	This course covers contemporary topics in systems neuroscience, focusing on the relationship between the circuit structure and function of mammalian brains. We review the current understanding of topics concerning signal transduction and the peripheral circuits, information processing in the central nerve system, neuronal cell types and connectivity, development and critical period plasticity of sensory cortices, and motor control. Students present and critique the latest research progress on these issues.[24L, 12S]
Exclusion:	None
Prerequisite:	BIO202H5, BIO304H5 / P.I.
Corequisite:	None
Recommended Preparation:	None
Rationale:	The knowledge of circuit connectivity and computation is essential to understanding how the brain works. The biology curriculum map shows that no course is dedicated to explore this topic in depth. This advanced course offers an opportunity for students to learn principles of system neuroscience, which complements existing neuroscience courses such as BIO304, BIO404, BIO411. This course will also alleviate students who are often waitlisted for BIO403 (Topics in Neurobiology).
No. Hours	24L, 12S
Instruction:	
Offered at St George:	No
Revived Course:	No

Course #4 BIO414H5 Advanced Integrative Physiology EXP (SCI,EXP)

Description:	The integration of cardiovascular, renal, respiratory and muscle physiology will be examined with a problem-based approach. The response of these systems to challenges such as altitude, depth under water, and exercise will be examined. Laboratory activities will give students hands on experience measuring physiological variables of these systems with primarily human subjects, while other examples will be used to examine the diversity of response to environmental challenges throughout the animal kingdom. [24L, 15T, 15P]
Exclusion:	KPE360H1, KPE462H1
Prerequisite:	BIO304H5, BIO310H5
Corequisite:	None
Recommended Preparation:	None
Rationale:	At present Biology offers two specialized upper year courses under the general physiology banner, BIO411 (Molecular and Cellular Physiology) and BIO404 (Invertebrate Neurobiology), but at present the curriculum is missing an opportunity for students to directly further develop knowledge gained in the prerequisite courses in the area of integrated organismal physiology. The new course will also serve as an upper year organismal physiology course that flows directly from the two prerequisite courses BIO304H5 (Physiology of Neurons and Muscle) and BIO310H5 (Physiology of Regulatory Systems).
No. Hours Instruction:	[24L, 15T, 15P]
Offered at St George:	No
Revived Course:	No

Course #5 BIO419H5 Mammalian Gene Regulation (SCI)

Description:	The study of gene regulation is tightly linked to our understanding of cell types and functions in developmental biology. This course provides an overview of the field of mammalian gene regulation, including transcription, regulatory RNAs, chromatin regulation, and genomics. Students will read, critique, and present recently published research articles on gene regulation in mammalian development. [24L, 12S]
Exclusion:	MGY420H1
Prerequisite:	BIO207H5, BIO372H5 / P.I.
Corequisite:	None
Recommended Preparation:	None
Rationale:	Gene expression is regulated dynamically in individual cells during mammalian development, resulting in a variety of cell types, but no course on campus currently addresses this subject. Understanding gene regulatory mechanisms in cell and development biology is vital to students pursuing careers in basic research, pharmaceutical, and biotechnology industry. The course will also enable students to master critical thinking and problem-solving in the process of gene regulation in cell and developmental biology.
No. Hours Instruction:	24L, 12S
Offered at St George:	No
Revived Course:	No

Course #7 CSC375H5 Programming Mechatronic Systems (SCI)

Description: Programming of mechatronic systems. Students will build a mobile robot from provided components as well as control software for it. Topics include real-time constraints, sensor data, memory management, and concurrency; analysis of mechatronics problems; and structured presentation of software projects using UML. [24L, 24P]

Prerequisite: CSC209H5; CSC258H5
Recommended Preparation: CSC301H5

Rationale: Robotics is an important application area at the intersection of several domains including machine learning, optimization, and sensing. This course introduces the idea of controlling robotic systems using specialized programming languages.

Note: This course is being introduced for a newly hired faculty member. The course was designed by this instructor and has been taught for five years at another institution. This is our robotics programming course and is intended to interest a broad set of computer science students.

No. Hours Instruction: 24

Offered at St George: No

Revived Course: No

Course #8 CSC376H5 Fundamentals of Robot Design (SCI)

Description: An introduction to designing robot systems. Topics include sensors, actuators, and manipulators; kinematics and dynamics; motion planning; modeling; and intelligent control. Topics covered in lecture will be implemented and explored in a practical environment using robots from different application domains. [24L, 24P]

Prerequisite: CSC209H5; CSC258H5; CSC338H5
Recommended Preparation: CSC375H5

Rationale: Robotics is an important application area at the intersection of several domains including machine learning, optimization, and sensing. This course focuses on the design and construction of robots and their control.

Note: This course is being introduced for a newly hired faculty member. The course was designed for this instructor. It is our robotics hardware course and will interest a narrower band of students focused on robotics or hardware.

No. Hours Instruction: 24

Offered at St George: No

Revived Course: No

Course #9 CSC477H5 Introduction to Mobile Robotics (SCI)

Description: An introduction to mobile robotic systems from a computational, as opposed to an electromechanical, perspective. Definitional problems in robotics and their solutions both in practice and by the research community. Topics include algorithms, probabilistic reasoning and modeling, optimization, inference mechanisms, and behavior strategies. [24L, 12P]

Prerequisite: CSC209H5; CSC338H5; CSC373H5; MAT244H5; STA256H5
Recommended Preparation: CSC375H5; CSC384H5; CSC411H5; MAT224H5/MAT240H5

Rationale: Robotics is an important application area at the intersection of several domains including machine learning, optimization, and sensing. This course is an introduction to the technologies that underpin autonomous vehicles and other robots that navigate through physical space.

Note: This course is being introduced for a newly hired faculty member. The course was designed and developed

by this instructor. It is our robotics theory (planning) course and will interest students in robotics or theory.

No. Hours Instruction: 24
Offered at St George: No
Revived Course: No

Course #10 ERS304H5 Geological Remote Sensing EXP (SCI,EXP)

Description: This course is an introduction to remote sensing technologies and geological applications. Students will learn about imaging of the Earth by electromagnetic waves and the state-of-the-art remote sensing systems and technologies for geological mapping and exploration. Topics may include remote sensing fundamentals and physical principles, remote sensing systems for geological applications, geological mapping and resource exploration. Students will also acquire skills in image processing, data integration, information extraction, and validation for geological applications. [36L, 24P]

Exclusion: GGR337H1

Prerequisite: 1.5 credits from any 200 level ERS course

Rationale: Addition of upper level courses to meet expertise of new faculty; introduce an exciting and appealing course on remote sensing in geology to increase student enrollment in Earth Sciences; work towards APGO certification.

No. Hours Instruction: 36 L, 24P

Offered at St George: No

Revived Course: No

Course #11 ERS403H5 Earthquake Seismology EXP (SCI,EXP)

Description: Why do earthquakes occur and how do they cause damage? What is a seismogram and what can it tell us about earthquakes and the Earth's structure? Earthquakes tend to strike suddenly and without warning. Because of their destructive power, tremendous efforts and monetary resources are dedicated to advancing earthquake science and designing effective hazard mitigation controls. This course will provide an overview of the physics of earthquakes and seismic wave propagation, and current seismic hazard mitigation plans and policies. Concepts covered in this course include stress and strain relations, elastic wave equation, body and surface waves, seismic instrumentation and data, global earth structure, earthquake location, seismic source theory, earthquake mechanics, ground motion, the seismic cycle and earthquake recurrence models, seismic hazard analysis, and human-induced earthquakes. [36L, 24P]

Exclusion: JPE493H1, PHY493H1

Prerequisite: (MAT132H5, MAT134H5)/(MAT135H5, MAT136H5)/ MAT134Y5/135Y5/137Y5;(PHY136H5,137H5)/(PHY146H5,147H5) and 1.0 credits from: ERS201H5, ERS202H5, ERS203H5

Rationale: The addition of upper level courses to meet expertise of new faculty; introduce an exciting and appealing course on earthquakes to increase student enrollment in Earth Sciences; work towards APGO certification.

No. Hours Instruction: 36L, 24P

Offered at St George: No

Revived Course: No

ERS403H5 is offered in alternate years, alternating with ERS303H5

Course #12 ERS404H5 Volcanology and Geothermal Systems EXP (SCI,EXP)

Description: Volcanic eruptions are one of the most dangerous and volatile geological hazard. In the 20th Century, almost 100,000 people are believed to have been killed in volcanic eruptions, with another 4.7 million directly affected by them, but, at the end of the 20th century, over 500 million people lived within the hazard zone of a volcano worldwide; cities such as Tokyo, Mexico City, Naples and Seattle are besieged by the threat of nearby volcanoes. Volcanoes also provide fertile soils, near-unlimited geothermal power generation potential and are an intricate part of the Earth system. This course aims to study the mechanism through which volcanoes form, erupt and evolve, their impact on our society and the benefits they provide in the form of geothermal energy. This will be accomplished through discussion, lab and scenario based learning. [64P]

Prerequisite: ERS203H5 and 1.0 credits from any other ERS200/300 level courses.

Rationale:

Change focus of upper level courses to meet expertise of new faculty; introduce an exciting and appealing course on volcanoes to increase student enrollment in Earth Sciences; work towards APGO certification; reduce the amount of overlap with courses offered by UofT St George

No. Hours Instruction: 64 P
Offered at St George: No
Revived Course: No

ERS404H5 is offered in alternate years, alternating with ERS301H5

Course #13 FSC101H5 The Real Law & Order (SCI)

Description: As a compliment to FSC100, this class transports students from the crime scene to the courtroom, to learn how forensic evidence and scientific methods hold up in court to become admissible. Students will discover the differences between approved and junk science, and see how emerging forensic sciences contribute to exonerations, addressing the impact of popular media portrayals on juror expectations, knowledge and misconceptions. [24L, 12T]

Exclusion: FSC239Y5
Prerequisite: FSC100H5
Rationale: With the success of FSC100, students have been asking for a second half course in forensic science. Meant as a breadth requirement course for general interest, it is intended to be an alternative for non-program students to gain a full credit in forensic science in conjunction to FSC100.

No. Hours Instruction: [24L, 12T]
Offered at St George: No
Revived Course: No

This is a general first year course open to everyone.

PLEASE NOTE: The required FSC Program 1st year introductory course is: FSC239Y5 Introduction to Forensic Science

Course #14 FSC210H5 Physical Evidence and Microscopy (SCI)

Description: Forensic Science examines physical evidence in relation to the law. There are a number of scientific techniques used to characterize physical evidence, but perhaps the most utilized technique is microscopy. In this course, students will practice how to process and characterize trace evidence using a number of different microscopy techniques, such as stereomicroscope, polarized light microscope (PLM), comparison microscope, scanning electron microscope (SEM), and confocal microscope. The theory and operation behind each microscopy technique will be discussed during lecture, while students will have the opportunity to operate the different microscopes during laboratory sessions. [24L, 24P]

Prerequisite: FSC239Y5
Rationale: Alternate course for chem specialist requirement
No. Hours Instruction: 24L, 24P
Offered at St George: No
Revived Course: No

Course #15 FSC220H5 Introduction to Forensic Psychology (SCI)

Description: This course provides an introductory overview of the many ways psychological research and theories (i.e. behavioural science) can deliver useful information in collecting and assessing evidence for criminal investigation, trial, and prevention. Topics may include: eyewitness testimony, deception, criminal profiling, false confession, mental illness, victim trauma, criminal responsibility, risk assessment, serial killing, hate crimes, sexual offending, prejudiced policing, and jury decision-making. The aim of this course is to give students general insight into the various applied specializations of forensic psychologists. [36L]

Prerequisite: PSY100H5
Rationale: Alternative course for psych specialist requirement
No. Hours Instruction: 36L

Offered at St George: No
Revived Course: No

Course #16 FSC307H5 Missing Persons DVI and Unidentified Human Remains (SCI)

Description: The goal of this course is to gain a basic understanding of the case management involved in missing persons, disaster victim identification, and unidentified human remains cases. Topics covered will include the interdisciplinary interactions between anthropology, odontology, fingerprinting and forensic genetics in the identification and databasing of both missing persons and recovered unidentified human remains. [36L]

Prerequisite: ANT202H5/BIO207H5. Priority given first to students enrolled in the Forensic Specialist Program and Forensic Science Majors.

Rationale: This course was proposed by a new faculty member, and is interdisciplinary between forensic anthropology and forensic biology, addressing a major issue both in Canada and worldwide.

No. Hours Instruction:

Offered at St George: No
Revived Course: No

Course #17 FSC320H5 Forensic Psychopathology (SCI)

Description: Pathology is the study of disease and psychopathology is the study of mental illness. In Forensic Psychopathology, then, we make inquiries about mental illness in the context of forensic practices. In this course, we will explore multiple topics in the field providing the student with a general insight into its history, scientific merits, and practical relevance. We will survey prevailing theories on mental health, illness, and treatment. Investigate psychiatric diagnoses such as (juvenile) Conduct Disorder, Antisocial Personality Disorder, and Psychopathy, hereunder their application and relevance in risk assessment, behavior prediction, and offender rehabilitation. We will also discuss methodological, ethical, and legal issues in the field, for example, the scientific validity of psychiatric diagnostics, the ethical implications of using psychiatric assessments in forensic institutions, and the legal responsibility of mentally ill offenders. [24L, 24P]

Rationale: FSC Program is revising the forensic psychology program in response to issues identified during the the self-study for external review, regarding the introduction of several new courses.

No. Hours Instruction: [24L, 24P]

Offered at St George: No
Revived Course: No

Course #18 FSC330H5 Best Practices in Forensic Science (SCI)

Description: This course will guide students through the common fundamentals of quality assurance, health & safety, resiliency and post-traumatic stress disorder (PTSD) training and report writing in forensic science professions. [24L, 12S]

Prerequisite: FSC271H5

Rationale: All students in FSC program are required to be aware of and adhere to a high quality professional standards in forensic science. This course will cover a previous knowledge gap in awareness of emotional and physical hazards for first responders, and early training and recognition of PTSD and other health/safety concerns.

No. Hours Instruction:

Offered at St George: No
Revived Course: No

Course #19 FSC340H5 Research Design (SCI)

Description: This course introduces students to common methods of research design and the nature of data collection. Students will learn how to pose a meaningful research questions, to select appropriate data types, to define variables, examine bias, confounding factors, and select appropriate statistics that address their purpose.

[24L, 12S]
Prerequisite: FSC271H5
Rationale: The FSC481 internship course is a research based course, but students are lacking the necessary tools to effectively conduct research. This course acts as a bridge between the required stats course, learning the basics, and the internship course where they are expected to implement the research.
No. Hours Instruction: 24L, 12S
Offered at St George: No
Revived Course: No

Course #20 FSC370H5 Forensic Psychopharmacology (SCI)

Description: This course introduces students to the area of psychopharmacology (drug induced changes in mood, thinking and behaviour). The mechanisms of action of drugs in the nervous system and their effects on the brain and on behaviour will be explored and the significance of psychopharmacology in criminal investigations and trials will be discussed. [24L, 12S]
Prerequisite: FSC239Y5, FSC271H5, BIO152H5
Rationale: This is an interdisciplinary course that will bridge the interests of forensic chemistry and forensic psychology students, and is also in support of a new faculty hire.
No. Hours Instruction: [24L, 12S]
Offered at St George: No
Revived Course: No

Course #21 FSC371H5 The Science of Cannabis (SCI)

Description: This course introduces students to the science of cannabis. Students will learn about the constituents of cannabis, methods of analysis and the pharmacology of cannabinoids. In addition, the role of cannabis in forensic case work will be explored. [24L; 12S]
Prerequisite: FSC370H5
Rationale: This course will be a continuation of the skills and knowledge learned in FSC370H5, allowing students to focus on a specific example that has significant and ongoing legal implications in Canada. This is an interdisciplinary course that will bridge the interests of forensic chemistry and forensic psychology students, and is also in support of a new faculty hire.
No. Hours Instruction: [24L, 12S]
Offered at St George: No
Revived Course: No

Course #22 FSC415H5 Advanced Methods in Forensic Biology (SCI)

Description: This advanced course explores the methodologies and data interpretation of forensic DNA typing, and other forensic biology techniques. The course will cover the principles, protocols, and current practices in an effort to understand the what, how and why of DNA analysis in a forensic context. Students will also learn about new and future trends in the field of forensic DNA typing, where discussion and evaluation of the primary literature is a key component of this course. Practical sessions will focus on the advanced techniques discussed in lecture. [36L, 36P]
Prerequisite: FSC315H5
Rationale: With the newest hire in forensic biology, the program will be expanding its offerings to keep up with the growing field.
No. Hours Instruction: [36L, 36P]
Offered at St George: No
Revived Course: No

Course #23 FSC416H5 Population Genetics (SCI)

Description:	This course introduces students to the genetic variation between and within populations. The topics include evolutionary forces, quantitative genetics, and Bayesian statistics as it applies to forensic biology. [24L, 12S]
Exclusion:	EEB459H1
Prerequisite:	ANT202H5/BIO207H5, STA215H5
Rationale:	This course is a proficiency requirement for practitioners in forensic biology, to demonstrate scientific expertise.
No. Hours Instruction:	[24L, 12S]
Offered at St George:	No
Revived Course:	No

Course #24 FSC430H5 Seminar in Forensic Science (SSc,SCI)

Description:	Key themes in forensic science will be addressed, informed by the various interdisciplinary perspectives of students enrolled in the Forensic Science Minor. [36S]
Prerequisite:	FSC360H5
Rationale:	This will be the capstone experience for students in the minor program allowing them to explore the ways in which forensic science can inform their primary field of expertise and vice-versa.
No. Hours Instruction:	
Offered at St George:	No
Revived Course:	No

Course #25 FSC482H5 Professional Practice in Forensic Science (SCI)

Description:	This course will address practical considerations of professional practice, including professional writing, ethics in research, interviews, mock trial, and journal publication. Students MUST apply for this course. Course Application & Procedures: https://www.utm.utoronto.ca/forensic/applications [24L]
Exclusion:	FSC481Y5
Prerequisite:	Enrolment in a Forensic Science Specialist Program; completion of the statistics course(s) requirement listed within the student's Forensic Science Program (ie. STA215H5, STA220H5, STA221H5; BIO360H5, BIO361H5; PSY201H5, PSY202H5); FSC300H5, FSC302H5, FSC340H5 and permission of instructor. (Restricted to Forensic Science Specialists)
Corequisite:	FSC483H5
Rationale:	The FSc Program is growing. All specialists require a capstone experience, previously covered by the 481 internship. However, individual internship placements beyond 35 students is unmanageable and other opportunities must be made available to additional specialist students. Pedagogically, new opportunities for group based research will be opened in 482H5. This course compliments 482 by providing the elements of professional practice that are currently only available to students in 481Y.
No. Hours Instruction:	[24L]
Offered at St George:	No
Revived Course:	No

1. Students MUST apply for this course and the course application is due the February preceding the course. Course Application, Information & Procedures: <https://www.utm.utoronto.ca/forensic/applications>
 2. There will be an information session regarding this course, preceding the application period.
 3. Students must **must be in the final year before graduation.**
 4. This course MUST be taken together with FSC483H5
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Course #26 FSC483H5 Collaborative Research Internship EXP (SCI,EXP)

Description:	As the alternative capstone experience, this course provides students the opportunity to work in a cross-disciplinary collaborative environment to address case-based research questions. Students MUST apply for this course, and topics will be made available at the time of application. Course Application & Procedures: https://www.utm.utoronto.ca/forensic/applications
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Exclusion: FSC481Y5; FSC489Y5

Prerequisite: Enrolment in a Forensic Science Specialist Program; completion of the statistics course(s) requirement listed within the student's Forensic Science Program (STA215H5, STA220H5, STA221H5; BIO360H5, BIO361H5; PSY201H5, PSY202H5); FSC300H5, FSC302H5 and permission of instructor. (Restricted to Forensic Science Specialists)

Corequisite: FSC482H5

Rationale: Alternative experiential education needed to accommodate for Increased enrolment. Team based research and practical experience and problem solving is an important professional skill and this course will provide the practical experience, and must be taken with the FSC481HY.

No. Hours Instruction:

Offered at St George: No

Revived Course: No

Notes:

1. Topics will be made available at the time of application.
2. Students MUST apply for this course and the course application is due in the February preceding the internship. Course Application & Procedures: <https://www.utm.utoronto.ca/forensic/applications>
3. There will be an information session regarding this course, preceding the application period.
4. Students must have one free day (Monday - Friday) to work on their collaborative research internship and **must be in the final year before graduation.**
5. This course MUST be taken together with FSC482H5

Course #27 GGR440H5 Drone Remote Sensing (SCI)

Description: Industries from agriculture through to defense and mining are investing in Unmanned Aerial Vehicles (UAV) technology to support operational and strategic objectives. This course will cover the adoption of UAV technologies as a remote sensing tool and the impact of logistical, regulatory, and technical hurdles on UAV technology now and in the future. Through the course, students will gain the knowledge requirements to operate a UAV following Transport Canada guidelines and develop skills in processing UAV imagery into information assets that support applications where high resolution, spatial accuracy, and high detail is required. This course fulfills 1 field day. [24L 12P]

Prerequisite: GGR337H5

Rationale: The course compliments existing remote sensing courses offered by the department and engages students in the production of digital imagery and orthophotos. Coupling UAV remote sensing theory with experiential learning activities (i.e. UAV operation fundamentals) will position students for careers in the industry. The course will align with Transport Canada's best practices for UAV operators and will prepare students to write the UAV pilot's examination.

No. Hours Instruction: 24L, 12P

Offered at St George: No

Revived Course: No

Course #28 MAT354H5 Complex Analysis (SCI)

Description: Complex numbers, the complex plane and Riemann sphere, Möbius transformations, elementary functions and their mapping properties, conformal mapping, holomorphic functions, Cauchy's theorem and integral formula. Taylor and Laurent series, maximum modulus principle, Schwarz' lemma, residue theorem and residue calculus. [36L,24T]

Exclusion: MAT334H1, MAT334 H5, MAT354H1, MATC34H3

Prerequisite: MAT137Y5/MAT157Y5, MAT202H5/MAT240H5, MAT232H5/MAT233H5/MAT257Y5

Rationale: This is a Complex Analysis course for Mathematics Specialists and Majors. It will be the final course of our new Analysis sequence consisting of MAT157Y5, MAT257Y5 and MAT354H5.

No. Hours Instruction: 36

Offered at St George: Yes

Revived Course: No

Course #29 PHY351H5 Climate Physics EXP (SCI,EXP)

Description:	This course presents the physics of Earth's climate. Emphasis will be placed on the basic principles and processes involved in physical and dynamic climatology and the physical interactions between the atmosphere, oceans, and land surface. Topics may include components of the climate system and global energy balance, atmospheric radiative transfer, surface energy balance, the hydrological cycle, general circulation of the atmosphere, ocean circulation and climate, climate modeling, and climate change. In the lab practicals, students will gain hands-on experience in analyzing climate data and simple climate modeling. [24L, 24P]
Exclusion:	PHY392H1
Prerequisite:	PHY242H5/JCP221H5/PHY245H5, JCP265H5F
Rationale:	The addition of an upper level course to address interest that students have in understanding the changing nature of the climate system; allows CPS to make use of unique expertise of Physics faculty members and broadens the applications of computational physics.
No. Hours Instruction:	24L, 24P
Offered at St George:	No
Revived Course:	No

Course #30 PSY299H5 Research Opportunity Program EXP (SCI,EXP)

Description:	This course provides a richly rewarding opportunity for students in their second year to participate in the research project of a professor in return for 299H course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.
Exclusion:	PSY299Y1
Prerequisite:	Completion of 4.0 FCE including PSY100Y5
Rationale:	We are introducing a 0.5 credit 299H option as an alternative for students, complementing our 1.0 credit 299Y offering.
No. Hours Instruction:	
Offered at St George:	No
Revived Course:	No

Course #31 PSY399H5 Research Opportunity Program EXP (SCI,EXP)

Description:	This course provides third year undergraduate students who have developed an understanding of psychological research methods with an opportunity to participate in the research program of a faculty member in return for course credit. Enrolled students will have the opportunity to become involved in original research, enhance their research skills and share in the excitement of acquiring new knowledge and in the discovery process of science. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.
Exclusion:	PSY399Y1
Prerequisite:	Completion of 8.0 FCE; 1.0 200-level credit in Psychology; last AGPA of 3.0 or above.
Rationale:	We are adding a 300-level 0.5 ROP course to the Psychology curriculum to increase our experiential course offerings.
No. Hours Instruction:	
Offered at St George:	No
Revived Course:	No

Course #32 PSY399Y5 Research Opportunity Program EXP (SCI,EXP)

Description:	This course provides third year undergraduate students who have developed an understanding of psychological research methods with an opportunity to participate in the research program of a faculty
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member in return for course credit. Enrolled students will have the opportunity to become involved in original research, enhance their research skills and share in the excitement of acquiring new knowledge and in the discovery process of science. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.

Exclusion: PSY399Y1

Prerequisite: Completion of 8.0 FCE; 1.0 200-level credit in Psychology; last AGPA of 3.0 or above.

Rationale: We are adding a 300-level 1.0 ROP course to the Psychology curriculum to increase our experiential course offerings.

No. Hours

Instruction:

Offered at St George: Yes

Revived Course: No

Course #33 PSY499H5 Research Opportunity Program EXP (SCI,EXP)

Description: This course provides a rewarding opportunity for students in their fourth year to undertake relatively advanced work in the research project of a faculty member in return for PSY499H course credit. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.

Prerequisite: Completion of 13.0 FCE; 1.0 300-level credit in Psychology; minimum last AGPA of 3.0 or above.

Rationale: We are adding a 400-level 0.5 ROP course to the Psychology curriculum to increase our experiential course offerings.

No. Hours

Instruction:

Offered at St George: No

Revived Course: No

Courses - Resource Implications

Course #1 ANT299H5 Research Opportunity Program

Resource implications: None.

Course #2 ANT299Y5 Research Opportunity Program

Resource implications: None.

Course #3 ANT399H5 Research Opportunity Program

Resource implications: None.

Course #4 ANT399Y5 Research Opportunity Program

Resource implications: None.

Course #5 ANT499H5 Advanced Independent Research

Resource implications: None.

Course #6 BIO324H5 Plant Biochemistry

Resource implications: None

Course #7 BIO360H5 Biometrics I

Resource implications: None

Course #8 BIO361H5 Biometrics II

Resource implications: None

Course #9 BIO368H5 Medicinal Plants and Human Health

Resource implications: None

Course #10 BIO375H5 Introductory Medical Biotechnology

Resource implications: None

Course #11 BIO403H5 Developmental Neurobiology

Resource implications: None

Course #12 BIO405H5 Evolutionary Perspectives on Cognition and Behaviour

Resource implications: None

Course #13 BIO408H5 Neural Circuit Structure and Function

Resource implications: None

Course #14 BIO414H5 Advanced Integrative Physiology

Resource implications: TA resource implications and equipment needs have been sent to the Dean's Office for consideration.

Course #15 BIO419H5 Mammalian Gene Regulation

Resource implications: None

Course #16 CHM110H5 Chemical Principles 1

Resource implications: none

Course #17 CHM120H5 Chemical Principles 2

Resource implications: none

Course #18 CHM211H5 Fundamentals of Analytical Chemistry

Resource implications: none

Course #19 CHM231H5 Inorganic Chemistry I

Resource implications: none.

Course #20 CHM242H5 Introductory Organic Chemistry I

Resource implications: none

Course #21 CHM243H5 Introductory Organic Chemistry II

Resource implications: none

Course #22 CHM299Y5 Research Opportunity Program

Resource implications: none

Course #23 CHM361H5 Structural Biochemistry

Resource implications: In addition to the existing TA budget for this course, additional TA resources required to run the tutorials, prep and marking quizzes. A TA rationale form will be submitted. . OTHER RESOURCE IMPLICATIONS. As currently there are no small group tutorials in this course, small classrooms, with normal table tops, large enough to accommodate 25 students in each will be required. There would need to be 7 tutorial sections to accommodate all students.

Course #24 CHM362H5 Metabolism and Bioenergetics

Resource implications: In addition to the existing TA budget for this course, additional TA resources required to run the tutorials, prep and marking quizzes. A TA rationale form will be submitted. OTHER RESOURCE IMPLICATIONS. As currently there are no small group tutorials in this course, small classrooms, with normal table tops, large enough to accommodate 25 students would be required. There would need to be 5 tutorial sections to accommodate all students.

Course #25 CHM399Y5 Research Opportunity Program

Resource implications: none

Course #26 CHM485H5 Dissertation Based on Literature Research

Resource implications: none.

Course #27 CHM489Y5 Introduction to Research in Chemistry

Resource implications: none

Course #28 CPS222Y5 Introduction to Multidisciplinary Field and Laboratory Research

Resource implications: TA hours required - 40 TA hours, 2.0 FCE Faculty time (1.0 FCE can be covered via the recent ERS faculty hires, however, 1.0 FCE will need to be added for the Chemistry/Physics faculty instructor). other costs: Airfare, Lodging & Food. This course will include a week-long field trip. Given the multidisciplinary nature of the class, we would like to be able to bring two faculty (one ERS, and one from either CHM or PHY) and one TA or Staff member. Cost would include airfare, lodging, and food for each faculty estimated at 2500\$ each.

Course #29 CSC321H5 Introduction to Neural Networks and Machine Learning

Resource implications: None.

Course #30 CSC333H5 Forensic Computing

Resource implications: None.

Course #31 CSC338H5 Numerical Methods

Resource implications: None.

Course #32 CSC375H5 Programming Mechatronic Systems

Resource implications: The instructor for this course has been hired. The course will require TA support similar to our hardware course (CSC258) and will require a lab facility and lab manager. The lab facilities have been proposed to be housed in the new robotics building and would require teaching equipment summing up to \$350K in addition to the normal cost for whiteboards, work benches, etc.

Course #33 CSC376H5 Fundamentals of Robot Design

Resource implications: The instructor for this course has been hired. The course will require TA support similar to CSC375H5 and will share the lab facilities and instructional support provided for other robotics offerings.

Course #34 CSC411H5 Machine Learning and Data Mining

Resource implications: None.

Course #35 CSC423H5 Computer Forensics

Resource implications: None.

Course #36 CSC477H5 Introduction to Mobile Robotics

Resource implications: The instructor for this course has been hired. The course will require TA support similar to other third year systems courses (CSC369H5, CSC358H5) and will share the lab facility and instructional support provided for other robotics offerings.

Course #37 ECO220Y5 Quantitative Methods in Economics

Resource implications: None. Based on actual practice.

Course #38 ECO227Y5 Quantitative Methods in Economics

Resource implications: None.

Course #39 ERS101H5 Planet Earth

Resource implications: none

Course #40 ERS111H5 Earth, Climate & Life

Resource implications: none. TA rationale already exist (ERS103H5).

Course #41 ERS201H5 Earth Materials

Resource implications: NONE

Course #42 ERS202H5 Dynamic Earth

Resource implications: none

Course #43 ERS203H5 Rock Forming Processes

Resource implications: NONE

Course #44 ERS211H5 Sedimentology and Stratigraphy

Resource implications: none

Course #45 ERS225H5 Field Methods

Resource implications: additional TA hours

Course #46 ERS302H5 Tectonics

Resource implications: TA resources required. TA rationale form will be submitted.

Course #47 ERS304H5 Geological Remote Sensing

Resource implications: TA hours, 0.5 FCE faculty commitment (which has been covered via our recent LTA hire shared with Geography) Justification for TA hours: This course will have a focus on the practical application of remote sensing map products and will involve handling remote sensing and GIS software. TA assistance is required as we expect to provide additional resources to help students acquire relevant quantitative skills. TA will also be involved in marking and be present in the practical and office hours.

Course #48 ERS311H5 Sedimentology and Basin Analysis

Resource implications: NONE

Course #49 ERS312H5 Oceanography

Resource implications: NONE

Course #50 ERS315H5 Environmental Geology

Resource implications: NONE

Course #51 ERS401H5 Earth Resources

Resource implications: none

Course #52 ERS403H5 Earthquake Seismology

Resource implications: TA hours, 0.5 FCE faculty commitment (which has been covered via our recent hires) Justification for TA hours: This course will have a focus on mathematical and physical contents and will involve scientific programming. . TA assistance is required as we intend to provide small-group training to help students learn and develop relevant quantitative skills. The TA will also be involved in marking, be present in the practical and, in addition to the course instructor, will hold office hours.

Course #53 ERS404H5 Volcanology and Geothermal Systems

Resource implications: TA hours for scenario (16 Hours × 2 TAs) and marking. 0.5 FCE faculty commitment (which has been covered via our recent hires). This course will include a 16 hour volcanic hazard simulation set over 2 days (a weekend). During this simulation, students will take on the role of hazard managers, volcanologists, volcanic seismologists and data analysts and will be given data on a volcanic episode under the UTM campus. Students will be required to analyse data, to predict behaviour of the volcano and to react to news bulletins by giving press releases about the volcano. This simulation will require the assistance of 2 TAs to help manage the simulation. This style of learning has been proven to be very successful at engaging students, and will give students real world experience using a realistic scenario. TA hours will be required for Marking too. TA rationale form will be submitted.

Course #54 ERS412H5 Climate Through Time

Resource implications: NONE

Course #55 FSC100H5 The Real CSI

Resource implications: Not applicable

Course #56 FSC101H5 The Real Law & Order

Resource implications: TA hours- 0.7 per student, based on existing rationale for FSC100. Expected enrollment 230-500 (cap);
Session Instructor salary ~\$8,000

Course #57 FSC210H5 Physical Evidence and Microscopy

Resource implications: TA with lab tech support, 70 hours per section

Course #58 FSC220H5 Introduction to Forensic Psychology

Resource implications: TA support- lecture. 0.7 hours per student

Course #59 FSC300H5 Forensic Identification

Resource implications: not applicable

Course #60 FSC302H5 Advanced Forensic Identification

Resource implications: Not applicable

Course #61 FSC303H5 Techniques of Crime Scene Investigation

Resource implications: Not applicable

Course #62 FSC307H5 Missing Persons DVI and Unidentified Human Remains

Resource implications: This will be taught by regular faculty, with TA support that fits into the preexisting TA rationale of a lecture only course at 0.7 per student.

Course #63 FSC320H5 Forensic Psychopathology

Resource implications: Will fit into existing TA rationale of a Lab course **without** technical support, requiring 140 hours.

Course #64 FSC330H5 Best Practices in Forensic Science

Resource implications: This fits with our existing seminar rationale of 1.7 hours per student.

Course #65 FSC340H5 Research Design

Resource implications: TA- writing intensive. 1.7 hours per student, as in existing course FSC271H5

Course #66 FSC370H5 Forensic Psychopharmacology

Resource implications: This will be taught by a new faculty member, and the TA rationale will follow our current rationale for seminar courses for writing intensive courses, at 1.7 hours per student.

Course #67 FSC371H5 The Science of Cannabis

Resource implications: This will be taught by a new faculty member, and the TA rationale will follow our current rationale for seminar courses for writing intensive courses, at 1.7 hours per student.

Course #68 FSC402H5 Forensic Toxicology

Resource implications: None

Course #69 FSC407H5 Forensic Identification Field School

Resource implications: Not applicable.

Course #70 FSC415H5 Advanced Methods in Forensic Biology

Resource implications: The course will fit into our current TA rationale of labs with no tech support- 140 hours.

Course #71 FSC416H5 Population Genetics

Resource implications: This course follows our existing TA rationale for seminar courses at 1.7 hours per student, and will be taught by current faculty.

Course #72 FSC430H5 Seminar in Forensic Science

Resource implications: This will be taught by regular faculty on a rotating basis.

Course #73 FSC481Y5 Internship in Forensic Science

Resource implications: None

Course #74 FSC482H5 Professional Practice in Forensic Science

Resource implications: This course will run concurrently with FSC481Y. The only resource implication will be additional TA hours to accommodate the additional students at the existing rational of 0.7 per student.

Course #75 FSC483H5 Collaborative Research Internship

Resource implications: This course will be taught by faculty as a 0.25 course credit and will be offered based on their availability.

Course #76 GGR214H5 Global Weather and Climate

Resource implications: none

Course #77 GGR217H5 Fundamentals of Hydrology

Resource implications: none

Course #78 GGR276H5 Spatial Data Science I

Resource implications: none

Course #79 GGR304H5 Dendrochronology

Resource implications: none

Course #80 GGR322H5 GIS and Population Health

Resource implications: none

Course #81 GGR335H5 GIS and Remote Sensing Integration

Resource implications: none

Course #82 GGR337H5 Environmental Remote Sensing

Resource implications: none

Course #83 GGR376H5 Spatial Data Science II

Resource implications: none

Course #84 GGR406H5 Environmental Biogeochemistry

Resource implications: none

Course #85 GGR440H5 Drone Remote Sensing

Resource implications: none - the course will be taught by our new Geomatics hire and it will become part of regular teaching load

Course #86 GGR484H5 The Climate of the Arctic

Resource implications: none

Course #87 GGR494H5 Special Topics in GIS

Resource implications: none

Course #88 HSC301H5 Data and Information Visualization

Resource implications: None

Course #89 HSC302H5 Biocommunication Visualization

Resource implications: None

Course #90 JCP221H5 Thermodynamics

Resource implications: none

Course #91 JCP265H5 Introduction to Scientific Computing

Resource implications: none

Course #92 JCP421H5 Quantum Mechanics II: Applications

Resource implications: none

Course #93 MAT244H5 Differential Equations I

Resource implications: None.

Course #94 MAT332H5 Introduction to Nonlinear Dynamics and Chaos

Resource implications: None.

Course #95 MAT334H5 Complex Variables

Resource implications: None.

Course #96 MAT337H5 Introduction to Real Analysis

Resource implications: None.

Course #97 MAT354H5 Complex Analysis

Resource implications: None. The course will replace one of the four existing sections of MAT334H5.

Course #98 PHY146H5 Principles of Physics I

Resource implications: none.

Course #99 PHY147H5 Principles of Physics II

Resource implications: none

Course #100 PHY241H5 Electromagnetism

Resource implications: none.

Course #101 PHY242H5 Thermal Physics and Fluid Mechanics

Resource implications: none.

Course #102 PHY245H5 Vibrations and Waves

Resource implications: none.

Course #103 PHY255H5 Introduction to Biomedical Physics

Resource implications: none.

Course #104 PHY325H5 Mathematical and Computational Physics

Resource implications: none.

Course #105 PHY343H5 Classical Mechanics

Resource implications: Course will be offered every year. A sessional hire will be required.

Course #106 PHY351H5 Climate Physics

Resource implications: TA hours, 0.5 FCE faculty commitment ((which is already covered via the 75% LTA hire, Xiaoyong Xu)
Justification for TA hours: This course will have a focus on mathematical and programming contents, involving scientific data processing and numerical modeling. TA assistance is required as we expect to provide additional resources to help students acquire relevant quantitative skills. TA will also be involved in marking and be present in the practical and office hours.

Course #107 PHY433H5 Medical Physics

Resource implications: none

Course #108 PSY100Y5 Introductory Psychology

Resource implications: None

Course #109 PSY201H5 Research Design and Analysis in Psychology I

Resource implications: None

Course #110 PSY202H5 Research Design and Analysis in Psychology II

Resource implications: None

Course #111 PSY210H5 Introduction to Developmental Psychology

Resource implications: None

Course #112 PSY220H5 Introduction to Social Psychology

Resource implications: None

Course #113 PSY230H5 Introduction to Personality

Resource implications: None

Course #114 PSY240H5 Introduction to Abnormal Psychology

Resource implications: None

Course #115 PSY270H5 Cognition: The Machinery of the Mind

Resource implications: None.

Course #116 PSY274H5 Introduction to Psychology of Human Communication

Resource implications: None.

Course #117 PSY280H5 Sensation and Perception: Where the World Meets the Brain

Resource implications: None.

Course #118 PSY290H5 Introduction to Neuroscience

Resource implications: None.

Course #119 PSY299H5 Research Opportunity Program

Resource implications: None.

Course #120 PSY299Y5 Research Opportunity Program

Resource implications: None

Course #121 PSY309H5 Experimental Design and Theory

Resource implications: None

Course #122 PSY310H5 Adolescence and Emerging Adulthood

Resource implications: None

Course #123 PSY311H5 Social Development

Resource implications: None

Course #124 PSY312H5 Cognitive Development

Resource implications: None

Course #125 PSY313H5 Adult Development and Aging

Resource implications: None

Course #126 PSY315H5 Language Development

Resource implications: None

Course #127 PSY316H5 Infant Perception and Cognition

Resource implications: None

Course #128 PSY317H5 Gender and Sexual Development

Resource implications: None

Course #129 PSY318H5 Developmental Neuropsychology

Resource implications: None

Course #130 PSY319H5 Developmental Psychology Laboratory

Resource implications: None

Course #131 PSY320H5 Social Psychology: Attitudes

Resource implications: None

Course #132 PSY321H5 Cross-cultural Psychology

Resource implications: None

Course #133 PSY324H5 The Science of Wellbeing

Resource implications: None

Course #134 PSY325H5 Psychology of the Self

Resource implications: None

Course #135 PSY327H5 Interpersonal Relationships

Resource implications: None

Course #136 PSY328H5 Psychology and the Law

Resource implications: None

Course #137 PSY329H5 Social/Personality Laboratory

Resource implications: None

Course #138 PSY331H5 Social Psychology of Emotion

Resource implications: None

Course #139 PSY333H5 Health Psychology

Resource implications: None

Course #140 PSY340H5 Abnormal Psychology: Adult Disorders

Resource implications: None

Course #141 PSY341H5 Abnormal Psychology: Disorders of Children and Adolescents

Resource implications: None

Course #142 PSY343H5 Theories of Psychotherapy

Resource implications: None

Course #143 PSY344H5 Forensic Psychology

Resource implications: None

Course #144 PSY345H5 Exceptionality: Disability and Giftedness

Resource implications: None

Course #145 PSY346H5 Abnormal Psychology: The Biological Paradigm

Resource implications: None

Course #146 PSY351H5 Evolutionary Psychology

Resource implications: None

Course #147 PSY352H5 Animal Behaviour

Resource implications: None

Course #148 PSY353H5 Social Neuroscience

Resource implications: None

Course #149 PSY354H5 The Biopsychology of Sex

Resource implications: None

Course #150 PSY355H5 Animal Behaviour Genetics

Resource implications: None

Course #151 PSY362H5 Animal Cognition

Resource implications: None

Course #152 PSY369H5 Behavioural Neuroscience Laboratory

Resource implications: None

Course #153 PSY371H5 Higher Cognitive Processes

Resource implications: None

Course #154 PSY372H5 Human Memory: The World within your Mind

Resource implications: None.

Course #155 PSY374H5 Psychology of Language

Resource implications: None

Course #156 PSY376H5 Psychology of Bilingualism

Resource implications: None

Course #157 PSY379H5 Cognitive Psychology Laboratory

Resource implications: None

Course #158 PSY384H5 Speech Perception and Production

Resource implications: None

Course #159 PSY387H5 Psychology of Music

Resource implications: None

Course #160 PSY391H5 Psychology of Pain

Resource implications: None

Course #161 PSY392H5 Behavioural Epigenetics

Resource implications: None

Course #162 PSY393H5 Human Neuropsychology

Resource implications: None

Course #163 PSY395H5 Hormones and Behaviour

Resource implications: None

Course #164 PSY397H5 Neuroplasticity and Behaviour

Resource implications: None

Course #165 PSY398H5 Motivational Systems

Resource implications: None

Course #166 PSY399H5 Research Opportunity Program

Resource implications: None

Course #167 PSY399Y5 Research Opportunity Program

Resource implications: None.

Course #168 PSY400Y5 Thesis

Resource implications: None.

Course #169 PSY410H5 Special Topics in Developmental Psychology

Resource implications: None

Course #170 PSY415H5 Special Topics in Adult Development and Aging

Resource implications: None.

Course #171 PSY420H5 Special Topics in Social Psychology

Resource implications: None

Course #172 PSY430H5 Special Topics in Personality

Resource implications: None

Course #173 PSY440H5 Special Topics in Abnormal Psychology

Resource implications: None.

Course #174 PSY442Y5 Practicum in Exceptionality in Human Learning

Resource implications: None

Course #175 PSY471H5 Special Topics in Cognitive Psychology

Resource implications: None

Course #176 PSY474H5 Special Topics in Human Communication

Resource implications: None.

Course #177 PSY480H5 Special Topics in Perception

Resource implications: None

Course #178 PSY490H5 Advanced Topics in Biological Psychology

Resource implications: None

Course #179 PSY495H5 Special Topics in Neuropsychology

Resource implications: None

Course #180 PSY499H5 Research Opportunity Program

Resource implications: None.

Course #181 SOC350H5 Quantitative Analysis

Resource implications: None

Course #182 STA219H5 Mathematics of Investment and Credit

Resource implications: None

Course #183 STA256H5 Probability and Statistics I

Resource implications: None.

Course #184 STA258H5 Statistics with Applied Probability

Resource implications: None.

Course #185 STA260H5 Probability and Statistics II

Resource implications: None.

Course #186 STA311H5 Statistics for Forensic Sciences II

Resource implications: None.

Course #187 STA314H5 Introduction to Statistical Learning

Resource implications: None.

Course #188 STA390H5 Modern Applied Statistics

Resource implications: None.

Course #189 utm111H5 utmONE: Tools of the Trade

Resource implications: None

Course #190 utm118H5 utmONE: Science of Learning

Resource implications: None

Course #191 utm191H5 utmONE Scholars: Science Meets Society

Resource implications: None

Course #192 utm195H5 utmONE Scholars: Curiosity and Control: Voyages of Discovery to North America

Resource implications: None

Course #193 utm197H5 utmONE Scholars: Humans in Nature: Interactions and Impacts

Resource implications: None

Renumbered Courses

Course #1 PSY369H5 Behavioural Neuroscience Laboratory

Before: ***PSY399H5***

After: ***PSY369H5***

Rationale: We are adding a third-year ROP course, which will be PSY399. St. George has their comparable biopsychology lab course listed as PSY369H.

Courses - Description Changes

Course #1 BIO324H5 Plant Biochemistry

Before: This course ~~covers~~ the ~~biochemistry~~ of ~~plants with an emphasis~~ on ~~the reactions~~ of ~~primary and secondary~~ metabolism ~~and the subcellular compartments within~~ plant cells ~~where they occur~~. ~~The~~ biosynthesis of ~~carbohydrates, amino acids, and lipids will be followed by that of terpenes, alkaloids, phenylpropanoids, glucosinolates, and other natural products with relevance to medicine, nutrition, plant defense, and biotechnology.~~ [36L]

After: This course examines plants as the biochemical motors and sustainers of life on earth. The major pathways of plant metabolism are surveyed to provide students with an integrated model of plant cells as autonomous biochemical networks. This course further emphasizes the specialized metabolism of economically significant plant species, the biosynthesis of pharmacologically and agriculturally important metabolites, and the role of biotechnology in engineering exotic plant metabolism in industrial settings. [36L]

Rationale: Instructor changed course description to be more succinct and reflective of the course content as it has evolved.

Course #2 BIO368H5 Medicinal Plants and Human Health

Before: This ~~course addresses the role~~ of plants ~~in human health and medicine, including~~ the ~~action of plant pharmaceuticals, the function of essential vitamins and their deficiencies, and the roles of nutraceutical secondary metabolites in health. We will also discuss health related controversies such as genetically modified plants and herbal supplements.~~ [36L, 12T]

After: This botanical survey of medicinal plants integrates phytochemistry, ethnobotany, herbalism, pharmacology, and the molecular basis of human disease. It examines traditional herbal medicine and modern phytochemical research as sources of plant-based drugs used in the treatment of disease. The biosynthesis of therapeutic plant compounds and their mechanisms of action in the human body are emphasized. Students will critically examine and debate claims made in the health, herbal, and supplement literature. [36L, 12T]

Rationale: Instructor changed course description to be more succinct and reflective of the course content as it has evolved.

Course #3 BIO375H5 Introductory Medical Biotechnology

Before: This course reviews a full range of discoveries from medical biotechnology, which includes drugs, smart phone apps, and medical devices. The course reviews a range of biotechnology products with respect to: regulatory path for experiments to support for new biotechnologies; key science concepts behind the technology, patents, and the business context. [36L]

After: This course reviews a full range of discoveries from medical biotechnology, which includes drugs, smart phone apps, and medical devices. The course reviews a range of biotechnology products with respect to: regulatory path for experiments to support for new biotechnologies; key science concepts behind the technology, patents, and the business context. [24L, 12T]

Rationale: Teaching hours have been changed to reflect how the course is being taught.

Course #4 CHM243H5 Introductory Organic Chemistry II

Before: The chemistry of benzene, alcohols, aldehydes, ketones, carboxylic acid, esters, acid chlorides, amides and amines will be covered. As well, electrophilic aromatic substitution, protection and deprotection of alcohols, nucleophilic acyl substitution, nucleophilic addition, carbonyl alpha-substitution reaction, keto-enol tautomerism, carbonyl condensation and **proton NMR** will be introduced. The emphasis will be on organic mechanisms and application of organic reactions to multistep synthesis. Continues from CHM242H5. [24L, 48P, 12T]

After: The chemistry of benzene, alcohols, aldehydes, ketones, carboxylic acid, esters, acid chlorides, amides and amines will be covered. As well, electrophilic aromatic substitution, protection and deprotection of alcohols, nucleophilic acyl substitution, nucleophilic addition, carbonyl alpha-substitution reaction, keto-enol tautomerism, carbonyl condensation and **amines** will be introduced. The emphasis will be on organic mechanisms and application of organic reactions to multistep synthesis. Continues from CHM242H5. [24L, 48P, 12T]

Rationale: proton NMR replaced by amines

Course #5 CHM489Y5 Introduction to Research in Chemistry

Before:

An experimental or theoretical research topic in chemistry will be investigated under the supervision of a chemistry faculty member other than the student's CHM485H5 supervisor. The research topic must not overlap that of the student's CHM485H5 research topic. In addition to learning to plan, conduct and evaluate a research program, students will receive training in written and oral presentation skills. Evaluation is based on interim and final written reports describing the aims and results of the research, as well as interim and final oral presentations of the work. The course is normally taken in the student's fourth year. Enrolment in CHM489Y5 requires submitting an application to the department in the spring term, with the application due date being the final day of classes. Independent Studies Application Forms may be found at <http://uoft.me/cpsforms>. Applications should be submitted to the CPS Undergraduate Assistant. Registration on ROSI/ACORN is also required. Acceptance into the course is dependent on the student having achieved a satisfactory GPA, and reaching agreement with a potential supervisor. Students must consult with prospective supervisors before applying for enrolment, and must list at least two faculty members as possible supervisors. [240P]

After: An experimental or theoretical research topic in chemistry will be investigated under the supervision of a chemistry faculty member other than the student's CHM485H5 supervisor. The research topic must not overlap that of the student's CHM485H5 research topic. In addition to learning to plan, conduct and evaluate a research program, students will receive training in written and oral presentation skills. Evaluation is based on interim and final written reports describing the aims and results of the research, as well as interim and final oral presentations of the work. The course is normally taken in the student's fourth year. Enrolment in CHM489Y5 requires submitting an application to the department in the spring term, with the application due date being the final day of classes. Independent Studies Application Forms may be found at <http://uoft.me/cpsforms>. Applications should be submitted to the CPS Undergraduate Assistant. Registration on ROSI/ACORN is also required. Acceptance into the course is dependent on the student having achieved a satisfactory GPA, and reaching agreement with a potential supervisor. Students must consult with prospective supervisors before applying for enrolment, and must list at least two faculty members as possible supervisors. ***This course is restricted to students in the Chemistry Majors, Biological Chemistry Specialist, and Chemistry Specialist Programs*** [240P]

Rationale: Enrolment controls will be set as this course will be open to students enrolled in the Chemistry Major, Biological Chemistry Specialist, and Chemistry Specialist Programs

Course #6 CSC333H5 Forensic Computing

Before:

After: ***Priority is given to students enrolled in Computer Science Specialist, Information Security Specialist, Bioinformatics Specialist or Computer Science Major programs.***

Rationale:

Course #7 CSC423H5 Computer Forensics

Before: ~~Introduction to the digital investigation of electronic evidence. The computer as a crime scene and as a party to a criminal offence. Focus on network issues (intrusion detection, sniffer logs) and operating system issues (especially file system issues: hidden data, file metadata, deleted data). This course will build upon your background in operating systems theory and practice, and will introduce you to the tools and techniques of the computer forensic specialist in the Linux and Microsoft environments. Reference to Canadian computer crime case law.~~ [24L, 12P]

After: Investigation of digital devices that contain evidence, including mobile and handheld devices. Topics include the analysis of memory dumps, event logs, and application caches using existing digital forensic tools as well as the development of new tools to uncover evidence and to work around the use of anti-forensics. Tools and investigations must be clearly documented, so this course contains a significant writing component. [24L, 12P]

Rationale: This course is being redesigned to be part of a two-course sequence with CSC333. Previously, CSC423 was taught independently, but this meant that students were unfamiliar with investigative procedure and basic forensic tools. Placing that introductory material in CSC333 allows CSC423 to explore more technical material.

Course #8 ECO220Y5 Quantitative Methods in Economics

Before: An introduction to the use of statistical analysis, including such topics as elementary probability theory, sampling distributions, tests of hypotheses, estimation; analysis of variance and regression analysis. Emphasis is placed on applications in economics and business problems. [48L, **24T**]

After: An introduction to the use of statistical analysis, including such topics as elementary probability theory, sampling distributions, tests of hypotheses, estimation; analysis of variance and regression analysis. Emphasis is placed on applications in economics and business problems. [48L, **16T, 10P**]

Rationale: No actual change to course. Some tutorials are held in computer labs. Based on request from Office of the Registrar, we are redistributing some tutorial hours to practicum hours, to represent actual practice.

Course #9 ECO227Y5 Quantitative Methods in Economics

Before: This course deals more rigorously with the topics included in ECO220Y5. It is a requirement for certain Specialist Programs and is strongly recommended to adequately prepare students for **ECO327Y5**. This course is also recommended for students contemplating graduate school. [48L, 24T]

After: This course deals more rigorously with the topics included in ECO220Y5. It is a requirement for certain Specialist Programs and is strongly recommended to adequately prepare students for **ECO375H5/ECO327Y5**. This course is also recommended for students contemplating graduate school. [48L, 24T]

Rationale:

Course #10 ERS101H5 Planet Earth

Before: We discuss the age and origin of the Earth, the nature of its deep interior, the origin of mountains, oceans, earthquakes and volcanoes, and show how these features are related in a unifying theory known as Plate Tectonics, that explains how the evolution of the Earth's surface is driven by internal processes. Practicals will include laboratory exercises devoted to the understanding and **recognition** of minerals, rocks and geological structures. [24L, 24P]

After: We discuss the age and origin of the Earth, the nature of its deep interior, the origin of mountains, oceans, earthquakes and volcanoes, and show how these features are related in a unifying theory known as Plate Tectonics, that explains how the evolution of the Earth's surface is driven by internal processes. Practicals will include laboratory exercises devoted to the understanding and **recognition** of minerals, rocks and geological structures. [24L, 24P]

Rationale:

Course #11 ERS111H5 Earth, Climate & Life

Before: Life as we know it is completely dependent on our planet. ~~In turn,~~ how organisms feed, breath, grow, and reproduce are integral to mitigating large-scale climate changes and organic ~~cycles. Climate also works in tandem with large-scale geological processes to reshape the surface of our home. As such, these processes are intimately linked and ensures our planet remains habitable.~~ After introducing how the Earth works, topics discussed will include how life on Earth has evolved, how ecosystems have changed in response to weather and climate ~~change, and how large-scale geological processes affect climate and life~~ [24L]

After: Life as we know it is completely dependent on our planet. The Earth is an integrated system, where the ocean, atmosphere, life and planet interact with and affect one another. The evolution of the smallest organisms has drastically changed Earth's climate, and small changes in Earth's climate have a profound effect on the distribution of life. Understanding how organisms feed, breath, grow, and reproduce are integral to mitigating large-scale climate changes and organic cycles, and how this will affect the Earth as a system. Processes such as plate tectonics produces an ever changing surface, and has been a major control on how and when life evolved and flourished. After introducing how the Earth works, topics discussed will include how life on Earth has evolved, how large-scale geological processes affect climate and life and how ecosystems have changed in response to weather and climate change. We will also discuss the effect that our species has had on this planet; from the sudden shifts in stability of Earth's systems, to feedback cycles, to use of resources and sustainability. [24L]

Rationale: To offer a more unique geology course – an Earth Science perspective on the Earth as a System; to encourage a wider range of student enrollments; to ensure that knowledge of students who use ERS111 as a pathway to 200 level Earth Science courses have more experience and knowledge of key geological concepts and processes (e.g. plate tectonics); to highlight the Earth Science stream's commitment to the sustainability drive at UTM. Also, this course was previously ERS103, as such it must be included in the exclusions.

Course #12 ERS201H5 Earth Materials

Before: ~~An examination of the materials (minerals and rocks) that form the Earth: intrusive, volcanic, metamorphic and sedimentary rocks are interpreted in the context of Plate Tectonics. An optional weekend field trip to the Algonquin-Baneroft area of eastern Ontario is offered.~~ [24L, 36P]

After: To truly understand the Earth, and the rocks that form it, we must study their basic building blocks – minerals. Minerals are all around us; in rocks and sediments, in soils, in our bones and teeth, and in building materials. This course will examine the complex nature of minerals and crystals from a geological, physical and chemical perspective and will introduce the petrology of volcanic rocks, intrusive plutonic rocks, metamorphic rocks formed in the depths of mountain ranges and sedimentary rocks deposited through time. The course will train students in the use of optical mineralogy (rock slices under a

microscope): a key analytical method in petrology and by doing so aims to provide students with detailed knowledge and skills inherent to all geologists, and to give a unique perspective of the Earth from the study of the small scale minerals and rocks. [24L, 36P]

Rationale: As part of an ongoing push to allow UTM students to complete their Professional registration as Geologists without the need to supplement their course load with courses from the St. George campus, we are focusing our course descriptions (and content) to better reflect the content of the course, and align it with the requirements set out by Association of Professional Geoscientists of Ontario (APGO).

Course #13 ERS202H5 Dynamic Earth

Before: An introduction to geological time and the dynamic evolution of the surface ~~and~~ of the ~~interior of the~~ Earth. Lectures discuss the processes involved in the ~~formation~~ of Earth's ~~crust, with particular~~ focus on the structure of rocks. Practical exercises ~~aim to teach~~ the ~~methods that are used to understand the~~ geometry of rock units and the geological history of an area from information presented in geological ~~maps.~~ [24L, 36P]

After: An introduction to geological time and the dynamic evolution of the surface of the Earth. Lectures discuss the processes involved in the deformation of Earth's crust including mechanical principals, stress, and strain. Particular focus on the structure of rocks. Practical exercises focus on the geometry of rock units and determining the geological history of an area from information presented in geological maps, cross sections, and stereographic projections. [24L, 36P]

Rationale: These minor changes in wording are intended to simplify the descriptions and bring them in line with the course content.

Course #14 ERS203H5 Rock Forming Processes

Before: ~~Many geological processes lead to the wide diversity of rocks found on and in the Earth. Melting of rocks at depth leads to volcanic activity and emplacement of magmas, forming igneous rocks. Weathering, erosion, and transport destroy mountains, carve the landscape we live in, and accumulate sedimentary rocks. Heat and pressure within the Earth metamorphose rocks as they are buried.~~ This course ~~focuses on how these processes can be understood by examination of rocks in the field, hand sample and thin section.~~ [24L, 36P]

After: Deep beneath volcanoes lie magmatic systems where magma is formed and evolves. These systems are directly related to plate tectonics and the structure and chemistry of the Earth. This course will study these systems – how they are formed, and why they evolve, as well as what they lead to: volcanic eruptions. This course will use rock specimens, thin sections and geochemistry to study igneous and volcanic rocks, the metamorphic rocks that are associated with magmatic systems, and the economic geology of ore bodies of igneous origin. [24L, 36P]

Rationale: To be more aligned with the Professional Registration requirements of a geologist, the focus of this course will be adjusted to include more igneous and metamorphic petrology (i.e. one of the core requirements of the Association of Professional Geoscientists of Ontario (APGO)). The change in course description is to reflect this altered course content. The change in description (and content) will serve to have the course recognised as one of the core course requirements (that of igneous petrology) by the APGO.

Course #15 ERS211H5 Sedimentology and Stratigraphy

Before: Sedimentology concerns the formation, accumulation, alteration, and preservation of sediments in the geological record. This course will focus on the ~~reconstruction~~ and interpretation of ancient carbonate and siliciclastic paleoenvironments based on the analysis of sedimentary structures, depositional environments, stratigraphic successions, and fossils. The interplay between biological and geological factors responsible for sedimentary deposits will form the core of the course, including the physical transport and biological accumulation of sediments, the effects of climate-driven sea-level change on sediment deposition, ~~and how the evolution of, and innovations within, biological systems have profoundly affected sedimentary processes over the past 3.5 billion years.~~ This course will include a laboratory component ~~in~~ addition to a field ~~trip~~ allowing for first-hand experience with describing and interpreting sedimentological units. [36L, 24P]

After: Sedimentology and stratigraphy concerns the origin, formation, accumulation, alteration, and preservation of sediments in the geological record. This course will focus on the reconstruction, correlation, and interpretation of ancient carbonate and siliciclastic paleoenvironments and facies based on the analysis of sedimentary structures, depositional environments, stratigraphic successions, and fossils. The interplay between biological and geological factors responsible for sedimentary deposits will form the core of the course, including the physical transport and biological accumulation of sediments, the effects of climate-driven sea-level change on sediment deposition, the importance of resource management and sustainability. This course will include a laboratory component with hand samples, thin sections, and physical models, in addition to a field trip, allowing for first-hand experience with describing and interpreting sedimentological units. [36L, 24P]

Rationale: These minor changes in wording are intended to address the University's commitment to sustainability.

Course #16 ERS225H5 Field Methods

Before: This course ~~will involve short, local field trips on lab days and some weekend trips, emphasizing basic field skills and collection of geologic data, including construction of geologic maps, cross-sections, stratigraphic logs, and field notes. [48P]~~

After: Fieldwork is at the heart of being a geologist. Skills gained during fieldwork are key as part of a Geologist's toolbox, and are highly regarded in a career. This course introduces fieldwork to students through work in and around the UTM campus, and culminating in weekend trips to put the skills into practice looking at outcrops of igneous, metamorphic and sedimentary rocks around Southern Ontario. Skills taught will include basic geological observation, description and interpretation, the collection of field notes, geological measurements and presentation of the data. [66P]

Rationale: Updating the course description to be more in line with the requirements for professional registration of our students with the Association of Professional Geoscientists of Ontario (APGO).
The Total number of practicals are changed from 48P to 66P. ERS225 will mix lab-based learning with field based learning. It will involve 3 weekend field trips in the early term time, and lab time around these trips and later on in the term. To achieve this, more hours of lab / field time are required to teach the skills necessary. Field methods are seen as a crucial part of a Geoscientists' education, and are necessary to achieve Professional Registration

Course #17 ERS225H5 Field Methods

Before: ***Not offered in 2018-19.***

After:

Rationale: Updating the course description to be more in line with the requirements for professional registration of our students with the Association of Professional Geoscientists of Ontario (APGO).
The Total number of practicals are changed from 48P to 66P. ERS225 will mix lab-based learning with field based learning. It will involve 3 weekend field trips in the early term time, and lab time around these trips and later on in the term. To achieve this, more hours of lab / field time are required to teach the skills necessary. Field methods are seen as a crucial part of a Geoscientists' education, and are necessary to achieve Professional Registration

Course #18 ERS302H5 Tectonics

Before: This course will focus on how the plate tectonic system works, from the composition and structure of the earth, to the evolution of plate tectonics through Earth history, to modern tectonic hazards including earthquakes and **tsunamis**. A major portion of the course will focus on the analysis and interpretation of major structural provinces as they relate to Earth's plate boundary interactions including convergent, divergent, and transform settings. **[36L]**

After: This course will focus on how the plate tectonic system works, from the composition and structure of the earth, to the evolution of plate tectonics through Earth history, to modern tectonic hazards including earthquakes and **volcanoes**. A major portion of the course will focus on the analysis and interpretation of major structural provinces as they relate to Earth's plate boundary interactions including convergent, divergent, and transform settings. **[36P]**

Rationale: These minor changes in wording are intended to simplify the descriptions and bring them in line with the course content. The change from 36L to 36P better reflects the activities to be undertaken by students during contact hours.

Course #19 ERS311H5 Sedimentology and Basin Analysis

Before: This course will focus on principles of correlation, facies concepts, dynamic processes, and their geologic records in sedimentary basins. Factors that influence **basin** formation and evolution will be investigated, including **sea** level and sediment supply. Emphasis will be placed on sequence stratigraphic approaches to the evaluation of sedimentary **system**. [36L, 24P]

After: This course will focus on principles of correlation, facies concepts, dynamic processes, and their geologic records in **modern and ancient** sedimentary **environments, with focus on** basins. Factors that influence **sedimentary** formation and evolution will be investigated, including **sea** level and sediment supply. Emphasis will be placed on sequence stratigraphic approaches to the evaluation of sedimentary **systems. Sustainable management of oil, water, and gas resources within sedimentary basins will be covered.** [36L, 24P]

Rationale: These minor changes in wording are intended to address the University's commitment to sustainability. It also aligns it with the knowledge requirements set out by the Association of Professional Geoscientists of Ontario (APGO) and Geoscience Canada.

Course #20 ERS312H5 Oceanography

Before: The ~~world's~~ oceans cover approximately 70% of the Earth Surface and Canada has extensive coastlines along three major ocean basins. This course will provide an understanding of chemical, biological, physical and geologic aspects of the oceans. Emphasis will be placed on the geological and geophysical processes that form and shape the ocean basins and continental margins. In addition, this course will offer an insight into the paleoceanographic evolution of our ~~planet~~. [36L]

After: The world's oceans cover approximately 70% of the Earth Surface and Canada has extensive coastlines along three major ocean basins. This course will provide an understanding of chemical, biological, physical and geologic aspects of the oceans. Emphasis will be placed on the geological and geophysical processes that form and shape the ocean basins and continental margins. In addition, this course will offer an insight into the paleoceanographic evolution of our planet and present day environmental threats such as pollution, habitat destruction, acidification and ocean warming. Even though this course does not include specific lab or tutorial sessions, three relevant exercises will be included. [36L]

Rationale: These minor changes in wording are intended to address the University's commitment to sustainability.

Course #21 ERS315H5 Environmental Geology

Before: This course will focus on Earth processes as they relate to human activities. Topics include global climate change on short and long timescales; groundwater flow and contamination/human engineering of Earth processes; geological aspects of pollution and waste disposal; and environmental impact of extracting/using minerals, energy, soil, and other Earth resources. A field trip will give students a first-hand experience in aspects of human/planet interaction. [36L]

After: This course will focus on Earth processes as they relate to human activities. Topics include **sustainability** global climate change on short and long timescales; groundwater flow and contamination/human engineering of Earth processes; geological aspects of pollution and waste disposal; and environmental impact of extracting/using minerals, energy, soil, and other Earth resources. A field trip will give students a first-hand experience in aspects of human/planet interaction. [36L]

Rationale: These minor changes in wording are intended to address the University's commitment to sustainability.

Course #22 ERS412H5 Climate Through Time

Before: The goals of this course are to discuss the geologic record of climate change and present an overview of the methods used to reconstruct the earth's climate history and the techniques used to determine the timing of environmental changes. Topics to be addressed will include paleoclimatic reconstruction, climate and climatic variation, dating methods, and climate proxies. In addition, periods of past climate change will be highlighted with particular emphasis on climate change during the recent past. [36L]

After: The goals of this course are to discuss the geologic record of climate change and present an overview of the methods used to reconstruct the earth's climate history and the techniques used to determine the timing of environmental changes. Topics to be addressed will include paleoclimatic reconstruction, climate and climatic variation, dating methods, and climate proxies. In addition, periods of past climate change will be highlighted with particular emphasis on climate change during the recent past. ***This will be put into perspective with modern day and future global change*** [36L]

Rationale: These minor changes in wording are intended to address the University's commitment to sustainability.

Course #23 FSC100H5 The Real CSI

Before: **General** first year course open to everyone.

After: ***This is a general*** first year course open to everyone.

PLEASE NOTE: The required FSC Program 1st year introductory course is: FSC239Y5 Introduction to Forensic Science

Rationale: Added a note

Course #24 FSC300H5 Forensic Identification

Before: (Priority given first to Forensic Science Specialists and ***Majors; then Minors.***)

After: (Priority given first to Forensic Science Specialists and ***Majors***)

Rationale:

Course #25 FSC302H5 Advanced Forensic Identification

Before: (Priority given first to Forensic Science Specialists and **Majors; then Minors.**)

After: (Priority given first to Forensic Science Specialists and **Majors.**)

Rationale:

Course #26 FSC303H5 Techniques of Crime Scene Investigation

Before: This course will provide students with an introduction to forensic photography, crime scene processing, and forensic identification. Topics include, but are not limited to: fingerprint identification, chance impression evidence, physical evidence, crime scene and victim photography, and proper documentation of a crime scene. Students will gain an understanding of the basic "toolkit" required for crime scene processing, and learn the fundamentals of proper collection and analysis of physical evidence.

After: This course will provide students with an introduction to forensic photography, crime scene processing, and forensic identification. Topics include, but are not limited to: fingerprint identification, chance impression evidence, physical evidence, crime scene and victim photography, and proper documentation of a crime scene. Students will gain an understanding of the basic "toolkit" required for crime scene processing, and learn the fundamentals of proper collection and analysis of physical evidence. **[12L, 24P]**

Rationale:

Course #27 FSC402H5 Forensic Toxicology

Before: ~~This course will focus on topics in forensic toxicology. Lectures will include a review of pharmacokinetics, analytical techniques and quality assurance measures used in forensic toxicology, the effects of drugs on human performance and post-mortem toxicology of illicit drugs, pharmaceutical drugs and other poisons. The major focus of this course will be the role that a forensic toxicologist plays in criminal and death investigation. Tutorials will include case study exercises and mock court demonstrations with the possibility for field trips to court and forensic agencies in Ontario. [36L]~~

After: Forensic toxicology is the application of the principles and methods used in toxicology to matters related to the law. The fundamental foundation of forensic toxicology is pharmacology and analytical chemistry, thus lectures will focus on the review of pharmacokinetics, pharmacodynamics, analytical techniques and quality assurance measures used in forensic toxicology, the effects of drugs on human performance, and post-mortem toxicology of illicit drugs, pharmaceutical drugs, and other poisons.

Rationale: Course is changed to better reflect content- course is now taught by permanent faculty member, not sessional instructor.

Course #28 FSC407H5 Forensic Identification Field School

Before: (Priority given first to Forensic Science Specialists and Majors; then Minors.)

After: (Priority given first to Forensic Science Specialists and Majors; then Minors.) **Limited Enrolment and Course Application required. Application Process see: <https://www.utm.utoronto.ca/forensic/applications>**

Rationale:

Course #29 FSC481Y5 Internship in Forensic Science

Before: As the capstone experience for the Forensic Science Specialist Programs, this course provides students with professional practice and research experience. Students are required to attend classes that address proper research design and methodology, as well as issues of professional practice in the forensic sciences including: ethics; research protocols; written and verbal communication skills; professional communication (interviews, letters, emails, reports, presentations, and publications); and expert witness testimony. Students will also be placed with a participating forensic agency to conduct research and gain an understanding of the unit's daily operations. In addition to practice presentations, critiques, an ethics approval application, a 10-15 page research proposal, and a mock interview, students are required to formally present the results of their research at the annual Forensic Science Day symposium and submit a publication quality manuscript of their work.

After: As the capstone experience for the Forensic Science Specialist Programs, this course provides students with professional practice and research experience. Students are required to attend classes that address proper research design and methodology, as well as issues of professional practice in the forensic sciences including: ethics; research protocols; written and verbal communication skills; professional communication (interviews, letters, emails, reports, presentations,

and publications); and expert witness testimony. Students will also be placed with a participating forensic agency to conduct research and gain an understanding of the unit's daily operations. In addition to practice presentations, critiques, an ethics approval application, a 10-15 page research proposal, and a mock interview, students are required to formally present the results of their research at the annual Forensic Science Day symposium and submit a publication quality manuscript of their work. **Students MUST apply for this course. Course Application, Information & Procedures: <https://www.utm.utoronto.ca/forensic/applications>**

Rationale:

Course #30 FSC481Y5 Internship in Forensic Science

Before: Notes:

- ~~For information on Forensic Science Internships, please see the Experiential Learning Office website: <http://www.utm.utoronto.ca/experience/> Students MUST contact Ms. Teresa Cabral in the Forensic Science Office (Room 402, Terrence Donnelly Health Sciences Complex, 905-569-4423, teresa.cabral@utoronto.ca) by the November~~ preceding the placement.
- Students must have one free day (Monday - Friday) to work ~~in a~~ placement ~~position~~, and must be in the final year before graduation. Students are expected to provide their own transportation to placement work site.
- ~~Five week placements during the summer may be possible.~~

After: Notes:

- Internship Placements are arranged by the FSC Program.
- Students MUST apply for this course and the Course Application is due in the February preceding the placement. Course Application, Information & Procedures: <https://www.utm.utoronto.ca/forensic/applications>
- There will be an information session regarding Internship Placements, preceding the application period.
- Students must have one free day (Monday - Friday) to work at their internship placement site and must be in the final year before graduation.
- Students are expected to provide their own transportation to placement work site.

Rationale:

Course #31 GGR304H5 Dendrochronology

Before: Tree rings are a powerful natural archive for addressing research questions across a range of spatial and temporal scales, owing to the fact that they are annually resolved, long-lived (e.g., multi-century) and cover a large portion of the Earth's surface. Tree-rings reflect changes in their local environment, and they are sensitive to factors that limit biological processes such as light, soil moisture, temperature and disturbance. Environment changes are 'encoded' in the physical properties of tree-rings (e.g., ring-width, wood density or isotopes). This course will provide students with the theoretical background and technical skills needed to cross-date, measure, analyse and interpret tree-ring data, and use this information to address practical research questions. [12L, **24P**]

After: Tree rings are a powerful natural archive for addressing research questions across a range of spatial and temporal scales, owing to the fact that they are annually resolved, long-lived (e.g., multi-century) and cover a large portion of the Earth's surface. Tree-rings reflect changes in their local environment, and they are sensitive to factors that limit biological processes such as light, soil moisture, temperature and disturbance. Environment changes are 'encoded' in the physical properties of tree-rings (e.g., ring-width, wood density or isotopes). This course will provide students with the theoretical background and technical skills needed to cross-date, measure, analyse and interpret tree-ring data, and use this information to address practical research questions. [12L, **36P**]

Rationale: Changes to instruction time from 12L, 24P to 12L, 36P to be in line with our other third year experiential physical geography courses.

Course #32 GGR322H5 GIS and Population Health

Before: The purpose of this course will be to develop an appreciation for the conceptual and methodological intersections that exist between geographical information systems and population health. While population health can include incidence and prevalence of disease and ill-health, as well as concerns about service provision, this course will focus mainly on disease, injury, illness more broadly. The course will include both lectures, where foundational concepts will be introduced and related to practical lab sessions, where students will gain experience using GIS to map and study health information. Topics will include: spatial databases for population health, mapping health data, analyzing the spatial clustering of disease and/or injury, mapping and analyzing environmental and social risk factors. **Assessment will involve completion of three laboratory assignments, a mid-term test, and a final exam.** [24L, 12P]

After: The purpose of this course will be to develop an appreciation for the conceptual and methodological intersections that exist between geographical information systems and population health. While population health can include incidence and prevalence of disease and ill-health, as well as concerns about service provision, this course will focus mainly on disease,

injury, illness more broadly. The course will include both lectures, where foundational concepts will be introduced and related to practical lab sessions, where students will gain experience using GIS to map and study health information. Topics will include: spatial databases for population health, mapping health data, analyzing the spatial clustering of disease and/or injury, mapping and analyzing environmental and social risk factors. [24L, 12P]

Rationale: removed the statement regarding course assessment as it is not necessary and changes depending on who is teaching the course: "Assessment will involve completion of three laboratory assignments, a mid-term test, and a final exam."

Course #33 GGR335H5 GIS and Remote Sensing Integration

Before: The integration of GIS and remote sensing is at the center of a larger trend toward the fusion of different kinds of geospatial data and technologies. The purpose of this course is to familiarize students with the various ways in which GIS and remote sensing have been integrated and used for environmental applications at a range of spatial and temporal scales. The ~~first one-third of the~~ course will ~~explore vector based GIS analysis in the context of physical environment, wildlife habitat, and human activities using ArcGIS software. The second third of the course explores remote sensing fundamentals, image interpretation, land cover mapping, change detection, and integration of raster and vector data using ERDAS IMAGINE software. The course will~~ include lectures, where foundational concepts will be introduced and practical lab sessions, where students will gain experience ~~on the proper~~ use of GIS and Remote Sensing techniques. ~~There will be guest lectures demonstrating applications of RS and GIS in natural resources management. The final third~~ of the course will be devoted to application projects employing remote sensing and/or GIS data analysis in natural resources and environmental assessments. [24L, 24P]

After: The integration of GIS and remote sensing is at the center of a larger trend toward the fusion of different kinds of geospatial data and technologies. The purpose of this course is to familiarize students with the various ways in which GIS and remote sensing have been integrated and used for environmental applications at a range of spatial and temporal scales. The course will include lectures, where foundational concepts will be introduced and practical lab sessions, where students will gain experience in the use of GIS and Remote Sensing techniques. A part of the course will be devoted to application projects employing remote sensing and/or GIS data analysis in natural resources and environmental assessments. [24L, 24P]

Rationale: Shortened description to better reflect course content

Course #34 GGR376H5 Spatial Data Science II

Before: This course builds on **spatial data analysis and** quantitative methods introduced in GGR276, and aims to provide a broad study of advanced statistical methods and their use in a spatial context in physical, social, and environmental sciences. The course covers theories, methods, and applications geared towards helping students develop an understanding of the important theoretical concepts in spatial data analysis, and gain practical experience in application of spatial statistics to a variety of physical, social and environmental problems using advanced statistical software. [24L, **12P**]

After: This course builds on quantitative methods introduced in GGR276, and aims to provide a broad study of advanced statistical methods and their use in a spatial context in physical, social, and environmental sciences. The course covers theories, methods, and applications geared towards helping students develop an understanding of the important theoretical concepts in spatial data analysis, and gain practical experience in application of spatial statistics to a variety of physical, social and environmental problems using advanced statistical software. [24L, **24P**]

Rationale: increased practical hours from 12P to 24P in order to give students sufficient time to apply methods and work with TA.

Course #35 GGR494H5 Special Topics in GIS

Before: (Formerly GGR394H5) Studies of selected topics in Geographic Information Systems not covered in regular courses.

After: (Formerly GGR394H5) Studies of selected topics in Geographic Information Systems not covered in regular courses. **[36L]**

Rationale: added 36L, course was missing the instruction time.

Course #36 HSC301H5 Data and Information Visualization

Before: This course presents the principles of information ~~design, including~~ the clear, concise and truthful presentation of data in ~~the form of tables, graphs, maps, academic posters, presentations, and user interfaces.~~ Topics ~~will include~~ the ~~accurate representation~~ of ~~numerical and statistical data, information heirarchy, and appropriate use of~~ design ~~elements for clarity and legibility.~~ Practical application of course material will require students to develop ~~and integrate~~ information graphics ~~into a presentation format~~ for peer review and critique. [24L, 12P]

After: This course presents the principles of information design: the clear, concise and truthful presentation of data in static and interactive graphics. Visualization is used to explore data, reveal patterns, and to communicate to different audiences. Topics range from human visual perception and cognition, to the critical interpretation

of design and accuracy in information graphics. Practical application of course material will require students to develop information graphics for peer review and critique. [24L, 12P]

Rationale: The instructor for this course wanted to make sure that there was more differentiation between this course and HSC307H5.

Course #37 HSC302H5 Biocommunication Visualization

Before: This course covers analysis and development of visual media for medical or scientific topics. Lectures include: light/form; proportion/scale; scientific visual conventions; media appropriate for target audience and reproduction. Topics may include: physiology, anatomical/biological subjects, patient education or health promotion. Classes consist of lectures **with** computer lab explorations. **[24L, 12P]**

After: This course covers analysis and development of visual media for medical or scientific topics. Lectures include: light/form; proportion/scale; scientific visual conventions; media appropriate for target audience and reproduction. Topics may include: physiology, anatomical/biological subjects, patient education or health promotion. Classes consist of lectures **with** computer lab explorations. **[12L, 24P]**

Rationale: Change in teaching hours to align how the course has been taught the past few years.

Course #38 MAT244H5 Differential Equations I

Before: Priority is given to students enrolled in the Mathematics, Computer Science and Statistics Specialist or Major programs; Astronomical Sciences Specialist (ERSPE1025), Astronomy Major (ERMAJ2204), Biomedical Physics Specialist (ERSPE1944) **and Applied Statistics Specialist(ERSPE1540)**

After: Priority is given to students enrolled in the Mathematics, Computer Science and Statistics Specialist or Major programs; Astronomical Sciences Specialist (ERSPE1025), Astronomy Major (ERMAJ2204), Biomedical Physics Specialist (ERSPE1944)

Rationale:

Course #39 MAT332H5 Introduction to Nonlinear Dynamics and Chaos

Before: Priority is given to students enrolled in the Mathematics or Statistics Specialist or Major **programs.**

After: Priority is given to students enrolled in the Mathematics or Statistics Specialist or Major **programs and Bioinformatic Specialist.**

Rationale:

Course #40 PHY325H5 Mathematical and Computational Physics

Before: The theory and application of mathematical methods for the physical sciences. Topics may include: vector calculus, linear algebra applied to coordinate transformations, probability distributions, systems of linear ordinary and partial differential equations and boundary value problems, Fourier analysis and orthogonal functions, the Heat and Wave equations in various coordinate systems, and the use of Legendre polynomials and Spherical Bessel functions. Computational methods and standard software tools will be used to solve complex physics problems. [24L, **12T]**

After: The theory and application of mathematical methods for the physical sciences. Topics may include: vector calculus, linear algebra applied to coordinate transformations, probability distributions, systems of linear ordinary and partial differential equations and boundary value problems, Fourier analysis and orthogonal functions, the Heat and Wave equations in various coordinate systems, and the use of Legendre polynomials and Spherical Bessel functions. Computational methods and standard software tools will be used to solve complex physics problems. [24L, **12P]**

Rationale:

Course #41 PHY343H5 Classical Mechanics

Before: ***This course will only be offered every other year.***

After:

Rationale: Note mentioning that this course will be offered every year is removed. As this was an error. The course will be offered every year as this is a mandatory course in PHYSICS major Subject post.

Course #42 PHY433H5 Medical Physics

Before:

After: **Course offered in alternate years.**

Rationale: Statement in Final notes was not entered in 2018-19 Calendar. Refer Final notes of the Biomedical Specialist program.

Course #43 PSY100Y5 Introductory Psychology

Before: An examination of the science of behaviour, and use of the scientific method in the study of human and animal behaviour. This course, which includes 10 two-hour computer labs, is a prerequisite for all other Psychology courses except for PSY201H5 and **202H5**. [48L, 20P]

After: An examination of the science of behaviour, and use of the scientific method in the study of human and animal behaviour. This course, which includes 10 two-hour computer labs, is a prerequisite for all other Psychology courses except for PSY201H5 and **PSY202H5**. [48L, 20P]

Rationale: 3-letter descriptors added.

Course #44 PSY270H5 Cognition: The Machinery of the Mind

Before: ~~An introduction to contemporary theories and research related to human cognition. Topics include attention, memory, language, and problem solving.~~ [36L]

After: In your everyday life, you are constantly bombarded with information from the external world. How does your mind select important information, remember it, and use it to govern your behaviour? Cognition is the study of the mechanisms involved in the processing of information. In this course, you will learn how your mind allows you to pay attention, create mental representations, remember information, manipulate knowledge, and express thoughts. [36L]

Rationale: The new description provides a more engaging sampling of course topics and avoids technical language.

Course #45 PSY280H5 Sensation and Perception: Where the World Meets the Brain

Before: ~~An introduction to current empirical research in perceptual science, with primary emphasis on vision and audition. Topics in vision include anatomy and physiology of the visual system, the perception of contrast, colour, form, depth and motion. Topics in audition include anatomy and physiology of the auditory system, sound localization, the perception of pitch, loudness, and timbre.~~ [36L]

After: What you see, hear, taste, and smell is not only a product of sensory stimulation, but also your brain's attempt to make sense of that information. Perception is the gateway between the external world and your internal representation of what is going on around you. In this course, you will be introduced to current empirical research in perceptual science. You will develop a greater awareness of the biological underpinnings of how you perceive the world and how your brain actively interprets information from the environment. [36L]

Rationale: The course description has been revised to reduce the use of technical terms and includes active language that speaks more directly to students.

Course #46 PSY290H5 Introduction to Neuroscience

Before: ~~An examination of principles underlying the study of the nervous system and behaviour, including aspects of normal and abnormal development.~~ [36L]

After: The human brain is made up of billions of cells and trillions of connections that give rise to our ability to perceive, act, think, and learn. Neuroscience, the scientific exploration of the brain, is beginning to unravel how this amazing structure works. In this course, you will learn the fundamental anatomical organization and physiological properties of the brain. You will develop a greater understanding of the structures of the brain, how neurons communicate, and the processes that give rise to perception, learning, and memory. [36L]

Rationale: The course description has been revised to include language that speaks directly to students, is a more accurate reflection of course content, and eliminates an emphasis on abnormal development (abnormal development is not a major component of the course).

Course #47 PSY299Y5 Research Opportunity Program

Before: This course provides a richly rewarding opportunity for students in their second year to **work** in the research project of a **professor** in return for 299Y course credit. Students enrolled have an opportunity to become involved in original

research, learn **research** methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.

After: This course provides a richly rewarding opportunity for students in their second year to **participate** in the research project of a **faculty member** in return for 299Y course credit. Students enrolled have an opportunity to become involved in original research, learn methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.

Rationale: Updated webpage link
Tidying up language.

Course #48 PSY315H5 Language Development

Before: An examination of language **acquisition** from a psychological perspective. Topics include the acquisition of speech sounds, words, sentence structure, and conversational abilities, as well as patterns of development in special populations. [36L]

After: An examination of language **development in children**, from a psychological perspective. Topics include the acquisition of speech sounds, words, sentence structure, and conversational abilities, as well as patterns of development in special populations. [36L]

Rationale: The change from 'acquisition' to 'development' helps highlight the maturational aspect of language emergence over childhood.

Course #49 PSY369H5 Behavioural Neuroscience Laboratory

Before: ~~Supervised demonstration experiments designed to familiarize students with methods of collecting, analyzing, and reporting data from experiments concerning the biological bases of psychology. Admission by academic merit. Interested students should submit an application to the Psychology office by mid-April. Application procedures: <http://www.utm.utoronto.ca/psychology/undergraduate-studies/course-information/courses-requiring-application-> [36P]~~

After: In this course, you will be guided through hands-on laboratory exercises to learn how behavioural paradigms, along with anatomical, genetic, and physiological methods, can be used to answer questions relevant to behavioural neuroscience research. [14L 22P]

Rationale: 1) The new description provides a more up-to-date and accurate description of the course content and the range of methods that will be considered.

2) The change to [14L 22P] from [36P] reflects a corresponding shift in the format of content delivery.

3) Application procedure is no longer required

Course #50 PSY372H5 Human Memory: The World within your Mind

Before: ~~Current theories and data on human memory: Processes involved in encoding, storage, and retrieval. Neuropsychological mechanisms and theories will be considered.~~ [36L]

After: Your everyday life hinges on the ability to encode perceptual information around you (what's in the fridge?) and build a model of the world in your mind (need to buy milk) so that you can retrieve information later when you need it (at the grocery store). How does your mind and brain support this fundamental yet complex mental ability? In this course, you will learn how human memory works, drawing on key findings in cognitive psychology and recent advances in neuroscience. [36L]

Rationale: PSY252H5 and PSY295H5 no longer offered
The changed description provides a more accessible and engaging sampling of course topics, without technical jargon.

Course #51 PSY400Y5 Thesis

Before:

After: **Note that entry to the course is competitive and that the satisfaction of minimum requirements does not guarantee admission to the course.**

Rationale:

Course #52 PSY400Y5 Thesis

Before: Independent research supervised by individual faculty members. Seminars on general topics relevant to the conduct of independent research, student research proposals, and the presentation of findings. ~~Admission by academic merit. Interested students should submit an application to the Psychology office by mid-April. Application procedures:~~
~~<http://www.utm.utoronto.ca/psychology/undergraduate-studies/course-information/courses-requiring-application>~~. [72S, 72P]

After: Independent research supervised by individual faculty members. Seminars on general topics relevant to the conduct of independent research, student research proposals, and the presentation of findings. To register in the course, students must obtain approval from a faculty supervisor, and apply for and obtain approval from Department of Psychology (see the Psychology department website for details). Advanced-level students who do not meet the stated course prerequisites but who possess relevant research experience may be admitted at the discretion of the course instructor. [72S, 72P]

Rationale:

Course #53 SOC350H5 Quantitative Analysis

Before: The course is a continuation of SOC222H5 (Measuring the Social World) and introduces students to more advanced applications of regression analysis. In addition to producing and interpreting regression models, this course also focuses on diagnostic tools for addressing outliers and multicollinearity, as well as regression with categorical independent variables and dependent variables (including a basic introduction to logistic regression). This course is mainly project based. Students will develop their own research questions and hypotheses and use statistical software to analyze data in order to provide evidence for their hypotheses. [24L, 12P]

After: The course is a continuation of SOC222H5 (Measuring the Social World) and introduces students to more advanced applications of regression analysis. In addition to producing and interpreting regression models, this course also focuses on diagnostic tools for addressing outliers and multicollinearity, as well as regression with categorical independent variables and dependent variables (including a basic introduction to logistic regression). This course is mainly project based. Students will develop their own research questions and hypotheses and use statistical software to analyze data in order to provide evidence for their hypotheses. **All students in the Sociology and Criminology, Law and Society Specialist programs are required to take this course.** [24L, 12P]

Rationale: All students in the Sociology and Criminology, Law and Society Specialist programs are required to take this course. To align course description with those of other required courses.

Changes in Course Name

Course #1 BIO403H5 Developmental Neurobiology

Before: *Topics in* Neurobiology

After: *Developmental* Neurobiology

Rationale: Change in title was to remove " Topics" and have the focus to "Development". Also to avoid confusion with other topics courses.

Course #2 ERS211H5 Sedimentology and Stratigraphy

Before: Sedimentology

After: Sedimentology *and Stratigraphy*

Rationale: This name change better reflects the content of the course and aligns it with the knowledge requirements set out by the Association of Professional Geoscientists of Ontario (APGO) and Geoscience Canada.

Course #3 ERS311H5 Sedimentology and Basin Analysis

Before: Basin Analysis

After: *Sedimentology and* Basin Analysis

Rationale: This name change better reflects the content of the course and aligns it with the knowledge requirements set out by the Association of Professional Geoscientists of Ontario (APGO) and Geoscience Canada. Conforms to the APGO guidelines.

Course #4 GGR276H5 Spatial Data Science I

Before: *Quantitative Methods I in Geography*

After: *Spatial Data Science I*

Rationale: more accurately reflects the course and discipline

Course #5 GGR376H5 Spatial Data Science II

Before: *Quantitative Methods II in Geography*

After: *Spatial Data Science II*

Rationale: Course follows GGR276H5 which was changed to Spatial Data Science I to more accurately reflect the course and discipline.

Course #6 GGR406H5 Environmental Biogeochemistry

Before: Biogeochemistry

After: *Environmental* Biogeochemistry

Rationale: to better reflect course content

Course #7 PSY270H5 Cognition: The Machinery of the Mind

Before: *Introduction to Cognitive Psychology*

After: *Cognition: The Machinery of the Mind*

Rationale: The change in the course name provides a more engaging and accessible indicator about the course content.

Course #8 PSY280H5 Sensation and Perception: Where the World Meets the Brain

Before: *Perception*

After: *Sensation and Perception: Where the World Meets the Brain*

Rationale: The course name is being revised to include the term *sensation*, which reflects an important emphasis in course content. The addition of *Where the world meets the brain* provides students with nontechnical language to help them understand the focus of the course.

Course #9 PSY290H5 Introduction to Neuroscience

Before: Introduction to *Physiological Psychology*

After: Introduction to *Neuroscience*

Rationale: The term *neuroscience* better reflects the current terminology used to describe the discipline and the content of the course.

Course #10 PSY315H5 Language Development

Before: Language *Acquisition*

After: Language *Development*

Rationale: The change from 'acquisition' to 'development' helps highlight the maturational aspect of child language development and also helps prevent the misinterpretation that the course focus is the acquisition of a second language by adults.

Course #11 PSY369H5 Behavioural Neuroscience Laboratory

Before: *Biopsychology* Laboratory

After: *Behavioural Neuroscience* Laboratory

Rationale: The new course name uses more contemporary language to describe the course content.

Course #12 PSY372H5 Human Memory: The World within your Mind

Before: Human *Memory*

After: Human *Memory: The World within your Mind*

Rationale: PSY252H5 and PSY295H5 no longer offered
The new course name reinforces the topic and the second-person language is more engaging.

Courses - Other Changes

Course #1 ANT299Y5 Research Opportunity Program

Before: Course Exclusion: *Distribution:* SSc SCI

After: Course Exclusion: **ANT299H5**
Distribution: SSc SCI **EXP**

Rationale: Students can not take the same course code again, so the "H" version of the course is not allowed.

Course #2 ANT399Y5 Research Opportunity Program

Before: Course Exclusion: *Distribution:* SSc SCI

After: Course Exclusion: **ANT399H5**
Distribution: SSc SCI **EXP**

Rationale: Students can not take the same course code again, so the "H" version of the course is not allowed.

Course #3 ANT499H5 Advanced Independent Research

Before: Distribution: SSc SCI

After: Distribution: SSc SCI **EXP**

Rationale: EXP checked off since there is an experiential component involved.

Course #4 BIO360H5 Biometrics I

Before: Course Exclusion: ECO220Y5; PSY202H5; **STA221H5; STA256H5, STA258H5**

After: Course Exclusion: ECO220Y5; PSY202H5; **STA221H5**

Rationale: Based on course descriptions of STA256H5 and STA258H5, these courses no longer seemed appropriate as exclusions.

Course #5 BIO361H5 Biometrics II

Before: Course Exclusion: **ECO220Y5; STA258H5; STA260H5**

After: Course Exclusion: **ECO220Y5**

Rationale: Based on course descriptions of STA258H5 and STA260H5, these courses no longer seemed appropriate as exclusions.

Course #6 BIO405H5 Evolutionary Perspectives on Cognition and Behaviour

Before: Course Exclusion: **BIO320H5**, PSY362H5

After: Course Exclusion: PSY362H5

Rationale: Certain aspects of BIO320H5 were incorporated into BIO405H5, but the instructor will be redeveloping both courses over the next year. In future BIO320H5 will be very different from BIO405H5 and should no longer be made an exclusion.

Course #7 CHM110H5 Chemical Principles 1

Before: Corequisite: Recommended Co-requisite: **MAT134Y5/135Y5/137Y5** is a prerequisite for all 200 level CHM courses.

After: Corequisite: Recommended Co-requisite: **(MAT132H5, 134H5)/ (MAT135H5, 136H5)/MAT134Y5/135Y5/137Y5/157Y5** is a prerequisite for all 200 level CHM courses.

Rationale: Course is being replaced by new courses, CHM111H5 and CHM112H5. added in the new first year Math.

Course #8 CHM120H5 Chemical Principles 2

- Before:** Corequisite: Recommended Corequisite: **MAT134Y5/135Y5/137Y5** is a prerequisite for all 200 level CHM courses.
- After:** Corequisite: Recommended Corequisite: **(MAT132H5, 134H5)/ (MAT135H5, 136H5)/MAT134Y5/135Y5/137Y5/157Y5** is a prerequisite for all 200 level CHM courses.
- Rationale:** Course is being replaced by new courses, CHM121H5 and CHM122H5 added in the new first year Math
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Course #9 CHM211H5 Fundamentals of Analytical Chemistry

- Before:** Prerequisite: (CHM110H5,120H5) (minimum grade of 60% in 120H5); **MAT134Y5/135Y5/137Y5**
- After:** Prerequisite: (CHM110H5,120H5) (minimum grade of 60% in 120H5); **(MAT132H5, 134H5)/ (MAT135H5, 136H5)/MAT134Y5/135Y5/137Y5/157Y5.**
- Rationale:** added in the new first year Math
-

Course #10 CHM231H5 Inorganic Chemistry I

- Before:** Prerequisite: (CHM110H5,120H5) (minimum grade of 60% in 120H5); **MAT134Y5/135Y5/137Y5**
- After:** Prerequisite: (CHM110H5,120H5) (minimum grade of 60% in 120H5); **(MAT132H5, 134H5)/ (MAT135H5, 136H5)/MAT134Y5/135Y5/137Y5/157Y5.**
- Rationale:** added in the new first year Math.
-

Course #11 CHM242H5 Introductory Organic Chemistry I

- Before:** Prerequisite: (CHM110H5,120H5) (minimum grade of 60% in 120H5); **MAT134Y5/135Y5/137Y5 Course**
Exclusion: **CHM136H1, 138H1**; CHMB41H3, B43Y
- After:** Prerequisite: (CHM110H5,120H5) (minimum grade of 60% in 120H5); **(MAT132H5, 134H5)/ (MAT135H5, 136H5)/MAT134Y5/135Y5/137Y5/157Y5. Course** Exclusion: **CHM138H1**; CHMB41H3, B43Y
- Rationale:** - added in the new first year Math.
- the reasons to remove CHM136H1 as an exclusion:
1) CHM136H1 is Recommended for students in life and health science programs that involve a small amount of chemistry. 2) By removing the exclusion, students will not automatically be able to substitute CHM242H5 with CHM136H1 in DEX/ROSI/ACORN
3) We (i.e. the faculty advisor) can provide permission on a case-by-case basis to use CHM136H1 to satisfy degree requirements (e.g. minor in CHM).
-

Course #12 CHM299Y5 Research Opportunity Program

- Before:** Prerequisite: Completion of at least 4.0 credits and no more than 10.0 credits, which must include CHM110H5, CHM120H5 with a minimum grade of 60%, **MAT134Y5/135Y5/137Y5**
- After:** Prerequisite: Completion of at least 4.0 credits and no more than 10.0 credits, which must include CHM110H5, CHM120H5 with a minimum grade of 60%, **(MAT132H5, 134H5)/ (MAT135H5, 136H5)/MAT134Y5/135Y5/137Y5/157Y5.**
- Rationale:** added in the new first year Math.
-

Course #13 CHM399Y5 Research Opportunity Program

- Before:** Prerequisite: completion of at least 8.0 credits which must include CHM110H5, CHM120H5 with a minimum grade of 60%, **MAT134Y5/135Y5/137Y5**, 2.0 200 level CHM/JCP courses.
- After:**

Prerequisite: completion of at least 8.0 credits which must include CHM110H5, CHM120H5 with a minimum grade of 60%, **(MAT132H5, 134H5)/ (MAT135H5, 136H5)/MAT134Y5/135Y5/137Y5/157Y5**, 2.0 200 level CHM/JCP courses.

Rationale: added in the new first year Math.

Course #14 CHM485H5 Dissertation Based on Literature Research

Before: Prerequisite: 2.5 credits **in CHM** at 300 level.

After: Prerequisite: 2.5 **CHM/JCP** credits at 300 level.

Rationale: JCP courses were not included in the previous calendar(s). Now added in as Chemistry programs have a number of JCP courses either as mandatory or elective courses.

Course #15 CSC321H5 Introduction to Neural Networks and Machine Learning

Before: Prerequisite: CSC148H5, CSC290H5; **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**, MAT223H5/MAT240H5; STA256H5

After: Prerequisite: CSC148H5, CSC290H5; **MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5**, MAT223H5/MAT240H5; STA256H5

Rationale: Requirement for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).

Course #16 CSC333H5 Forensic Computing

Before: Prerequisite: **CSC290H5; FSC239Y5 Course** Exclusion: **More than 1.0 CSC credit; A writing intensive course such as CSC290H5.**

After: Prerequisite: **CSC209H5;CSC290H5 Course** Exclusion:

Rationale: House keeping.

Course #17 CSC338H5 Numerical Methods

Before: Prerequisite: CSC148H5, CSC290H5/MAT202H5; **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**, MAT223H5/MAT240H5; CSC263H5/1.0 MAT credit at the 200+ level.

After: Prerequisite: CSC148H5, CSC290H5/MAT202H5; **MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5**, MAT223H5/MAT240H5; CSC263H5/1.0 MAT credit at the 200+ level.

Rationale: Requirement for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).

Course #18 CSC411H5 Machine Learning and Data Mining

Before: Prerequisite: CSC207H5, CSC290H5, **(MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5)/(MAT133Y5, MAT233H5)**, MAT223H5/MAT240H5; STA256H5

After: Prerequisite: CSC207H5, CSC290H5, **(MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5)**, MAT223H5/MAT240H5; STA256H5

Rationale: Requirement for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).

Course #19 CSC423H5 Computer Forensics

Before:

Prerequisite: **CSC290H5, CSC347H5, CSC369H5, CSC333H5 or Permission of Instructor**

After: Prerequisite: **CSC333H5, CSC369H5**

Rationale: This course is being redesigned to be part of a two-course sequence with CSC333. Previously, CSC423 was taught independently, but this meant that students were unfamiliar with investigative procedure and basic forensic tools. Placing that introductory material in CSC333 allows CSC423 to explore more technical material.

Course #20 ECO220Y5 Quantitative Methods in Economics

Before: Prerequisite: ECO100Y5 (63%); **MAT133Y5(63%)/134Y5/135Y5/137Y5**; and a CGPA 2.0 **Course** Exclusion: ECO227Y5; MAT(123H1, 124H1); PSY(201H5,202H5); STA(218H5/220H5,221H5,255H1/256H5)/ **STA(257H5/256H5, 258H5)**

After: Prerequisite: ECO100Y5 (63%); **MAT133Y5(63%)/MAT134Y5/(MAT132H5,MAT134H5)/MAT135Y5/(MAT135H5,MAT136H5)** and a CGPA 2.0
Course Exclusion: BIO360H5, 361H5; ECO227Y5; MAT(123H1, 124H1); PSY(201H5,202H5); STA(218H5/220H5,221H5,255H1/256H5)/ **STA(257H5/256H5,258H5)**/ STA(257H5/256H5,261H5/260H5)

Rationale: No actual change to course. Some tutorials are held in computer labs. Based on request from Office of the Registrar, we are redistributing 1 hour from lecture hours to practicum hours, to represent actual practice.
No actual change to course. Some tutorials are held in computer labs. Based on request from Office of the Registrar, we are redistributing 1 hour from lecture hours to practicum hours, to represent actual practice.
Edited for change due to: MAT135Y5/(MAT135H5,MAT136H5), MAT134Y5/(MAT132H5,MAT134H5)

Course #21 ECO227Y5 Quantitative Methods in Economics

Before: Prerequisite: ECO100Y5(70%); MAT133Y5 **(80%)/134Y5/135Y5(63%)/137Y5(60%)** **Course** Exclusion: BIO360H5, 361H5; PSY(201H5,202H5); STA(218H5/220H5,221H5,255H1/256H5)/ STA(257H5/256H5, **258H5**)/**STA(257H5/256H5,261H5/260H5)**

After: Prerequisite: ECO100Y5(70%); MAT133Y5 **(80%)/MAT134Y5/(MAT132H5,MAT134H5)/MAT135Y5(63%)/(MAT135H5(63%),MAT136H5)** **Course** Exclusion: BIO360H5, 361H5; ECO220Y5; PSY(201H5,202H5); STA(218H5/220H5,221H5,255H1/256H5)/ STA(257H5/256H5, **258H5**)/**STA(257H5/256H5,261H5/260H5), SOC350H5**, 351H5

Rationale: Change due to: MAT135Y5/(MAT135H5,MAT136H5), MAT134Y5/(MAT132H5,MAT134H5)

Course #22 ERS101H5 Planet Earth

Before: Course Exclusion: ESS102H1, 105H1; EESA07H3, **B15H3**

After: Course Exclusion: ESS102H1, 105H1; EESA07H3, **EESB15H3, ERS120H5**

Rationale: Added in the old course ERS120H5 as an exclusion.

Course #23 ERS111H5 Earth, Climate & Life

Before: Course Exclusion: ESS103H1, 102H1; EESA05H3, A06H3, B15H3

After: Course Exclusion: **ERS103H5**, ESS103H1, 102H1; EESA05H3, A06H3, B15H3

Rationale: included ERS103H5 as an exclusion. This course was re-numbered to ERS111H5 2018-19 Calendar.

Course #24 ERS201H5 Earth Materials

Before: Prerequisite: ERS101H5, ERS111H5 or ENV100Y5

After: Prerequisite: ERS101H5, ERS111H5 or **ERS103H5, ERS120H5 or** ENV100Y5

Rationale: included ERS103H5, 120H5. These courses were renumbered 2018-19 calendar.

Course #25 ERS211H5 Sedimentology and Stratigraphy

- Before:** Prerequisite: **ERS101H5, ERS111H5** or ENV100H5 **Course Exclusion:** **ESS331H1,ESS332H1**
- After:** Prerequisite: **(ERS101H5 or ERS120H5), (ERS111H5 or ERS103H5) or** ENV100H5
Course Exclusion: **ESS331H1,ESS332H1,ERS313H5**
- Rationale:** This course was re-numbered from ERS313 for 2018-19 Calendar and the exclusion (ERS313) was not entered. Now updated. Also updated the pre-requisites to include the old courses of renumbered ERS101&111.
-

Course #26 ERS225H5 Field Methods

- Before:** Prerequisite: **ERS101H5 or ERS111H5** or ENV100H5
- After:** Prerequisite: **ERS101H5, ERS111H5/ ERS103H5, ERS120H5** or ENV100H5
- Rationale:** old courses were missed out from pre-requisites in the 2018-19 calendar.
-

Course #27 ERS401H5 Earth Resources

- Before:** Course Exclusion:
- After:** Course Exclusion: **ERS419H5**
- Rationale:** ERS401H5 was renumbered from ERS419H5 for 2018-19 calendar. Exclusion (ERS419H5) was missed out in 2018-19 calendar.
-

Course #28 ERS412H5 Climate Through Time

- Before:** Course Exclusion: ESS205H1, 461H1; **EESB03H3**
- After:** Course Exclusion: ESS205H1, 461H1; **EESB03H3; ERS321H5**
- Rationale:** ERS412H5 was ERS321H5 pre 2018-19 Academic Calendar. ERS321H5 entered as exclusion.
-

Course #29 FSC481Y5 Internship in Forensic Science

- Before:** Prerequisite: Enrolment in a Forensic Science Specialist Program; completion of the statistics course(s) requirement listed within the student's Forensic Science Program (**STA215H5, 220H5, STA221H5; BIO360H5, BIO361H5; PSY201, PSY202H5; FSC300H5,302H5** and permission of instructor. (Restricted to Forensic Science Specialists) **Course Exclusion:** **FSC439Y5**
- After:** Prerequisite: Enrolment in a Forensic Science Specialist Program; completion of the statistics course(s) requirement listed within the student's Forensic Science Program (**ie. STA215H5, STA220H5, STA221H5; BIO360H5, BIO361H5; PSY201H5, PSY202H5; FSC300H5, FSC302H5** and permission of instructor. (Restricted to Forensic Science Specialists)
Course Exclusion: **FSC482H5, FSC483H5**
- Rationale:** Alternative experiential course added, is antirequisite.
Removed exclusion: FSC439Y5 --has not been offered for more than 5 five years. Cleaned-up notes.
-

Course #30 GGR214H5 Global Weather and Climate

- Before:** Course Exclusion: **GGR217Y5**
- After:** Course Exclusion:
- Rationale:** removed exclusion GGR217Y5. This course has not been taught for over 15 years.
-

Course #31 GGR217H5 Fundamentals of Hydrology

- Before:** Course Exclusion: **GGR217Y5**
- After:** Course Exclusion:

Rationale: removed exclusion GGR217Y5. This course has not been taught for over 15 years

Course #32 GGR322H5 GIS and Population Health

Before: Prerequisite: GGR278H5, GGR353H5

After: Prerequisite: GGR278H5, GGR353H5 **or PI**

Rationale: removed the statement regarding course assessment as it is not necessary and changes depending on who is teaching the course: "Assessment will involve completion of three laboratory assignments, a mid-term test, and a final exam."

Course #33 GGR337H5 Environmental Remote Sensing

Before: Prerequisite: 9.0 credits **including 0.5 credit from (GGR201H5 or GGR214H5 or GGR217H5 or GGR227H5) and 0.5 credit from (GGR272H5 or GGR276H5 or GGR278H5)**

After: Prerequisite: 9.0 credits

Rationale: removed all prerequisite courses except for 9.0 credits. We do not have introductory remote sensing therefore students are only required to be third year standing.

Course #34 GGR376H5 Spatial Data Science II

Before: Prerequisite: **GGR276H5**; PI

After: Prerequisite: **GGR276H5 or PI**

Rationale: Permission of instructor is not required, changed prerequisite from and to or.

Course #35 GGR484H5 The Climate of the Arctic

Before: Prerequisite: 9.0 credits including **GGR214H5**, PI

After: Prerequisite: 9.0 credits including **GGR214H5 or GGR317H5 or PI**

Rationale: Permission of instructor is not required. Changed *and* to *or*

Course #36 JCP221H5 Thermodynamics

Before: Prerequisite: [(CHM110H5,120H5) (minimum grade of 60% in 120H5)]/[(PHY136H5,137H5)/(146H5,147H5)(minimum 60%)]; **MAT134Y5/135Y5/137Y5**

After: Prerequisite: [(CHM110H5,120H5) (minimum grade of 60% in 120H5)]/[(PHY136H5,137H5)/(146H5,147H5)(minimum 60%)]; **(MAT132H5, 134H5)/ (MAT135H5, 136H5)/MAT134Y5/135Y5/137Y5/157Y5**

Rationale: added in the new first year Math

Course #37 JCP265H5 Introduction to Scientific Computing

Before: Prerequisite: (PHY136H5,137H5) or (PHY146H5,147H5); **MAT134Y5/135Y5/137Y5 Course** Exclusion: **MAT212H5**

After: Prerequisite: (PHY136H5,137H5) or (PHY146H5,147H5); **(MAT135H5, MAT136H5)/MAT135Y5/137Y5 Course** Exclusion: **CSC108H5**

Rationale: Course exclusion kept as is - of 2018-19 calendar.
MATH 1st year split courses added in as prerequisite.
Removed MAT134Y5 as this course is not part of our PHYSICs Programs.

Course #38 MAT334H5 Complex Variables

Before:

Prerequisite: MAT102H5, **MAT232H5/MAT233H5/MAT257Y5 Course** Exclusion: MAT334H1, MAT354H1, MATC34H3

After: Prerequisite: MAT102H5, **MAT232H5/MAT233H5/MAT257Y5, MAT202H5/MAT240H5 Course** Exclusion: MAT334H1, **MAT354H5**, MAT354H1, MATC34H3

Rationale: Student will require an extra proof-based course to succeed in this course. Similar course downtown also has stronger pre-requisite than our course. New exclusion for the new Complex Analysis course introduced.

Course #39 MAT337H5 Introduction to Real Analysis

Before: Course Exclusion: MAT337H1, MAT357H1, MATB43H3, **MATC37H3**

After: Course Exclusion: MAT337H1, MAT357H1, MATB43H3, **MATC37H3; MAT378H5**

Rationale: MAT378H5 has been renumbered to MAT337H5. It should be listed under exclusion clause.

Course #40 PHY146H5 Principles of Physics I

Before: Prerequisite: **Grades** 12 Physics (SPH4U); Grade 12 Advanced Functions (MHF4U); Grade 12 Calculus & Vectors (MCV4U) **Corequisite: MAT135Y5/MAT137Y5**

After: Prerequisite: **Grade** 12 Physics (SPH4U); Grade 12 Advanced Functions (MHF4U); Grade 12 Calculus & Vectors (MCV4U)
Corequisite: (MAT135H5, MAT136H5)/MAT135Y5/MAT137Y5

Rationale: MATH 1st year split courses added in as co-requisite.

Course #41 PHY147H5 Principles of Physics II

Before: Corequisite: **MAT135Y5/MAT137Y5**

After: Corequisite: **(MAT135H5, MAT136H5)/MAT135Y5/MAT137Y5**

Rationale: MATH 1st year split courses added in as co-requisite.

Course #42 PHY241H5 Electromagnetism

Before: Prerequisite: **(PHY136H5, 137H5)/(146H5, 147H5); MAT134Y5/135Y5/137Y5**

After: Prerequisite: **(PHY146H5, 147H5); (MAT135H5, MAT136H5)/135Y5/137Y5**

Rationale: MATH 1st year split courses added in as prerequisite.
Removed PHY136H5, 137H5 as these courses are no longer part of our PHYSICs Programs.
Removed MAT134Y5 as this course is not part of our PHYSICs Programs.

Course #43 PHY242H5 Thermal Physics and Fluid Mechanics

Before: Prerequisite: **(PHY136H5, 137H5)/(146H5, 147H5); MAT134Y5/135Y5/137Y5**

After: Prerequisite: **(PHY146H5, 147H5); (MAT135H5, MAT136H5)/MAT135Y5/137Y5**

Rationale: MATH 1st year split courses added in as prerequisite.
Removed PHY136H5, 137H5 as these courses are no longer part of our PHYSICs Programs.
Removed MAT134Y5 as this course is not part of our PHYSICs Programs

Course #44 PHY245H5 Vibrations and Waves

Before: Prerequisite: **(PHY136H5, 137H5)/(146H5, 147H5), MAT134Y5/135Y5/137Y5**

After: Prerequisite: **(PHY146H5, 147H5), (MAT135H5, MAT136H5)/ MAT135Y5/137Y5**

Rationale: MATH 1st year split courses added in as pre-requisite.
Removed PHY136H5, 137H5 as these courses are no longer part of our PHYSICs Programs.
Removed MAT134Y5 as this course is not part of our PHYSICs Programs

Course #45 PHY255H5 Introduction to Biomedical Physics

Before: Prerequisite: (PHY136H5,137H5)/(146H5,147H5) or **PI**
After: Prerequisite: (PHY136H5,137H5)/(146H5,147H5) or **Permission of Instructor**
Rationale: Entered from PI to permission of instructor.

Course #46 PHY325H5 Mathematical and Computational Physics

Before: Prerequisite: **Corequisite:** PHY241H5, PHY245H5, JCP221H5
After: Prerequisite: PHY241H5, PHY245H5, JCP221H5
Corequisite:
Rationale: The pre-requisites were mistakenly entered under co-requisites. Corrected to show that it a prerequisite and not co-requisite.

Course #47 PHY343H5 Classical Mechanics

Before: Corequisite: **PHY325H5**
After: Corequisite:
Rationale: Note mentioning that this course will be offered every year is removed. As this was an error. The course will be offered every year as this is a mandatory course in PHYSICS major Subject post.
(1)PHY325H5F is offered in the fall and PHY343H5S is offered in the winter, therefore it is not a corequisite. The PHY325 is not absolutely necessary for the course.
(2)PHY343H5S is basic to all the physics students and needs to be offered continuously every year. There is a healthy enrollment to the course.

Course #48 PSY201H5 Research Design and Analysis in Psychology I

Before: Course Exclusion: ECO220Y5/ **227Y5**/SOC300Y5/ **350H5**/STA215H5/ **218H5**/ **220H5**/
256H5/ **258H5**/PSY201H1/ PSYB07H3/ STAB22H3
After: Course Exclusion: ECO220Y5/ **ECO227Y5**/SOC300Y5/ **SOC350H5**/STA215H5/ **STA218H5**/
STA220H5/ **STA256H5**/ **STA258H5**/PSY201H1/ PSYB07H3/ STAB22H3
Rationale: Weblink update

Course #49 PSY202H5 Research Design and Analysis in Psychology II

Before: Course Exclusion: ECO220Y5/ **227Y5**/STA221H5/ **256H5**/ **258H5**/BIO360H5/ SOC300Y5/ PSY202H1/
PSYC08H3/ STAB27H3
After: Course Exclusion: ECO220Y5/ **ECO227Y5**/STA221H5/ **STA256H5**/ **STA258H5**/BIO360H5/
SOC300Y5/ PSY202H1/ PSYC08H3/ STAB27H3
Rationale: Weblink update

Course #50 PSY309H5 Experimental Design and Theory

Before: Prerequisite: **PSY(201H5, 202H5)/equivalent**, 1.0 credit in PSY at the 200 level
After: Prerequisite: **PSY201H5, PSY202H5/equivalent**, 1.0 credit in PSY at the 200 level
Rationale: Weblink update

Course #51 PSY310H5 Adolescence and Emerging Adulthood

Before: Prerequisite: PSY201H5/equivalent, **210H5/213H5**
After:

Prerequisite: PSY201H5/equivalent, **PSY210H5**

Rationale: PSY213H5 no longer offered

Course #52 PSY311H5 Social Development

Before: Prerequisite: PSY201H5/equivalent, **210H5/213H5**

After: Prerequisite: PSY201H5/equivalent, **PSY210H5**

Rationale: PSY213H5 no longer offered

Course #53 PSY312H5 Cognitive Development

Before: Prerequisite: PSY201H5/equivalent, **210H5/213H5, 270H5**

After: Prerequisite: PSY201H5/equivalent, **PSY210H5, PSY270H5**

Rationale: PSY213H5 no longer offered

Course #54 PSY315H5 Language Development

Before: Prerequisite: PSY201H5/equivalent, PSY210H5/ **213H5/ 270H5/ 274H5/ LIN100Y5/ 200H5**

After: Prerequisite: PSY201H5/equivalent, PSY210H5/ **PSY270H5/ PSY274H5/ LIN101H/ LIN102H/ LIN200H5**

Rationale: PSY213H5 no longer offered. LIN100Y5 is no longer offered, replaced with LIN101H and LIN102H

Course #55 PSY316H5 Infant Perception and Cognition

Before: Prerequisite: PSY201H5/equivalent, **210H5/270H5/280H5**

After: Prerequisite: PSY201H5/equivalent, **PSY210H5/PSY270H5/PSY280H5**

Rationale: Weblink update

Course #56 PSY318H5 Developmental Neuropsychology

Before: Prerequisite: PSY201H5/equivalent, **210H5/213H5, 252H5/290H5/295H5**

After: Prerequisite: PSY201H5/equivalent, **PSY210H5, PSY290H5**

Rationale: PSY213H5, PSY252H5 and PSY295H5 no longer offered

Course #57 PSY319H5 Developmental Psychology Laboratory

Before: Prerequisite: **PSY(201H5, 202H5)/**equivalent, **210H5/213H5, 309H5**

After: Prerequisite: **PSY201H5, PSY202H5/**equivalent, **PSY210H5, PSY309H5**

Rationale: PSY213H5 no longer offered

Course #58 PSY320H5 Social Psychology: Attitudes

Before: Prerequisite: PSY201H5/equivalent, **220H5**

After: Prerequisite: PSY201H5/equivalent, **PSY220H5**

Rationale: Weblink update

Course #59 PSY321H5 Cross-cultural Psychology

Before: Prerequisite: **PSY210H5/213H5/220H5/230H5/240H5/270H5/274H5**

After: Prerequisite: **PSY210H5/PSY220H5/PSY230H5/PSY240H5/PSY270H5/PSY274H5**

Rationale: PSY213H5 no longer offered
Weblink update

Course #60 PSY324H5 The Science of Wellbeing

Before: Prerequisite: PSY201H5/equivalent, **220H5/230H5**

After: Prerequisite: PSY201H5/equivalent, **PSY220H5/PSY230H5**

Rationale: Weblink update

Course #61 PSY325H5 Psychology of the Self

Before: Prerequisite: PSY201H5/equivalent, **210H5/220H5/230H5**

After: Prerequisite: PSY201H5/equivalent, **PSY210H5/PSY220H5/PSY230H5**

Rationale: Weblink update

Course #62 PSY327H5 Interpersonal Relationships

Before: Prerequisite: PSY201H5/equivalent, **220H5/230H5**

After: Prerequisite: PSY201H5/equivalent, **PSY220H5/PSY230H5**

Rationale: Weblink update

Course #63 PSY328H5 Psychology and the Law

Before: Prerequisite: PSY201H5/equivalent, **220H5/240H5**

After: Prerequisite: PSY201H5/equivalent, **PSY220H5/PSY240H5**

Rationale: Housekeeping: outdated weblink

Course #64 PSY329H5 Social/Personality Laboratory

Before: Prerequisite: **PSY(201H5, 202H5)/**equivalent, **220H5/230H5, 309H5**

After: Prerequisite: **PSY201H5, PSY202H5/**equivalent, **PSY220H5/PSY230H5, PSY309H5**

Rationale: Weblink update

Course #65 PSY331H5 Social Psychology of Emotion

Before: Prerequisite: PSY201H5/equivalent, **220H5/230H5/240H5**

After: Prerequisite: PSY201H5/equivalent, **PSY220H5/PSY230H5/PSY240H5**

Rationale: Weblink update

Course #66 PSY333H5 Health Psychology

Before: Prerequisite: PSY201H5/equivalent, **230H5/240H5**

After: Prerequisite: PSY201H5/equivalent, **PSY230H5/PSY240H5**

Rationale: Weblink update

Course #67 PSY340H5 Abnormal Psychology: Adult Disorders

Before: Prerequisite: PSY201H5/equivalent, **240H5**
After: Prerequisite: PSY201H5/equivalent, **PSY240H5**
Rationale: Weblink update

Course #68 PSY341H5 Abnormal Psychology: Disorders of Children and Adolescents

Before: Prerequisite: PSY201H5/equivalent, **210H5, 240H5**
After: Prerequisite: PSY201H5/equivalent, **PSY210H5, PSY240H5**
Rationale: Weblink update

Course #69 PSY343H5 Theories of Psychotherapy

Before: Prerequisite: PSY201H5/equivalent, **230H5/240H5**
After: Prerequisite: PSY201H5/equivalent, **PSY230H5/PSY240H5**
Rationale: Weblink update

Course #70 PSY345H5 Exceptionality: Disability and Giftedness

Before: Prerequisite: **PSY210H5/213H5**
After: Prerequisite: **PSY210H5**
Rationale: PSY213H5 no longer offered

Course #71 PSY346H5 Abnormal Psychology: The Biological Paradigm

Before: Prerequisite: PSY201H5/equivalent, **240H5, 252H5/290H5/295H5**
After: Prerequisite: PSY201H5/equivalent, **PSY240H5, PSY290H5**
Rationale: PSY252H5 and PSY295H5 no longer offered
Weblink update

Course #72 PSY351H5 Evolutionary Psychology

Before: Prerequisite: PSY201H5/equivalent, **270H5/274H5, 252H5/290H5/295H5**
After: Prerequisite: PSY201H5/equivalent, **PSY290H5**
Rationale: This course doesn't have a strong cognitive component. As such, PSY270 is not a relevant prerequisite option. PSY252H5 and PSY295H5 are no longer offered

Course #73 PSY352H5 Animal Behaviour

Before: Prerequisite: PSY201H5/equivalent, **290H5**
After: Prerequisite: PSY201H5/equivalent, **PSY290H5**
Rationale: Weblink update

Course #74 PSY353H5 Social Neuroscience

Before: Prerequisite: PSY201H5/equivalent, **252H5/290H5/295H5**
After: Prerequisite: PSY201H5/equivalent, **PSY290H5**
Rationale: PSY252H5 and PSY295H5 no longer offered

Course #75 PSY354H5 The Biopsychology of Sex

Before: Prerequisite: PSY201H5/equivalent, **252H5/290H5/295H5**

After: Prerequisite: PSY201H5/equivalent, **PSY290H5**

Rationale: PSY252H5 and PSY295H5 no longer offered

Course #76 PSY355H5 Animal Behaviour Genetics

Before: Prerequisite: PSY201H5/equivalent, **252H5/290H5/295H5**

After: Prerequisite: PSY201H5/equivalent, **PSY290H5**

Rationale: PSY252H5 and PSY290H5 no longer offered

Course #77 PSY362H5 Animal Cognition

Before: Prerequisite: PSY201H5/equivalent, **252H5/290H5/295H5, 270H5**

After: Prerequisite: PSY201H5/equivalent, **PSY270H5, PSY290H5**

Rationale: PSY252H5 and PSY295H5 no longer offered

Course #78 PSY369H5 Behavioural Neuroscience Laboratory

Before: Prerequisite: **PSY202H5/equivalent, 252H5/290H5/295H5** Course Exclusion: **PSY399H1/PSYC06H3**

After: Prerequisite: **PSY202H5/equivalent, PSY290H5** Course Exclusion: **PSY369H1/PSYC06H3**

Rationale: PSY252H5 and PSY295H5 are no longer offered.

Course #79 PSY371H5 Higher Cognitive Processes

Before: Prerequisite: PSY201H5/equivalent, **270H5**

After: Prerequisite: PSY201H5/equivalent, **PSY270H5**

Rationale: Weblink update

Course #80 PSY372H5 Human Memory: The World within your Mind

Before: Prerequisite: PSY201H5/equivalent, **252H5/290H5/295H5, 270H5**

After: Prerequisite: PSY201H5/equivalent, **PSY270H5, PSY290H5**

Rationale: PSY252H5 and PSY295H5 no longer offered

The changed description provides a more accessible and engaging sampling of course topics, without technical jargon.

Course #81 PSY374H5 Psychology of Language

Before: Prerequisite: PSY201H5/equivalent, **270H5/ 274H5/ 315H5**

After: Prerequisite: PSY201H5/equivalent, **PSY270H5/ PSY274H5/ PSY315H5/PSY384H5/ LIN101H5 /LIN102H5 /LIN200H5**

Rationale: The updated prerequisite options reflect those used in other language science offerings by PSY.

Course #82 PSY376H5 Psychology of Bilingualism

Before: Prerequisite: PSY201H5/ equivalent; PSY270H5/ **274H5/ 315H5/ 374H5**

After: Prerequisite: PSY201H5/ equivalent; PSY270H5/ **PSY274H5/ PSY315H5/ PSY374H5**

Rationale: Weblink update

Course #83 PSY379H5 Cognitive Psychology Laboratory

Before: Prerequisite: **PSY(201H5, 202H5)**/equivalent, **270H5/274H5, 309H5**
After: Prerequisite: **PSY201H5, 202H5**/equivalent, **PSY270H5/PSY274H5, PSY309H5**
Rationale: Weblink update

Course #84 PSY384H5 Speech Perception and Production

Before: Prerequisite: PSY201H5/ equivalent, PSY270H5/ **274H5/ 280H5/ 374H5**/LIN228H5
After: Prerequisite: PSY201H5/ equivalent, PSY270H5/ **PSY274H5/ PSY280H5/ PSY374H5**/LIN228H5
Rationale: Weblink update

Course #85 PSY387H5 Psychology of Music

Before: Prerequisite: PSY201/ equivalent; PSY210H5/ **270H5/ 274H5/ 280H5.**
After: Prerequisite: PSY201/ equivalent; PSY210H5/ **PSY270H5/ PSY274H5/ PSY280H5**
Rationale: Weblink update

Course #86 PSY392H5 Behavioural Epigenetics

Before: Prerequisite: PSY201H5/equivalent, **290H5**
After: Prerequisite: PSY201H5/equivalent, **PSY290H5**
Rationale: Weblink Update

Course #87 PSY393H5 Human Neuropsychology

Before: Prerequisite: PSY201H5/equivalent, **252H5/290H5/295H5, 270H5**
After: Prerequisite: PSY201H5/equivalent, **PSY270H5, PSY290H5**
Rationale: PSY252H5 and PSY295H5 no longer offered

Course #88 PSY395H5 Hormones and Behaviour

Before: Prerequisite: PSY201H5/equivalent, **252H5/290H5/295H5/BIO204H5**
After: Prerequisite: PSY201H5/equivalent, **PSY290H5**
Rationale: PSY252H5, PSY295H5 and BIO204H5 no longer offered

Course #89 PSY397H5 Neuroplasticity and Behaviour

Before: Prerequisite: PSY201H5/equivalent, **252H5/290H5/295H5**
After: Prerequisite: PSY201H5/equivalent, **PSY290H5**
Rationale: PSY252H5 and PSY295H5 no longer offered

Course #90 PSY398H5 Motivational Systems

Before: Prerequisite: PSY201H5/equivalent, **252H5/290H5/295H5/BIO204H5**
After: Prerequisite: PSY201H5/equivalent, **PSY290H5**
Rationale: PSY252H5, PSY295H5 and BIO204H5 no longer offered.

Course #91 PSY400Y5 Thesis

- Before:** Prerequisite: PSY202H (or equivalent); ~~Minimum~~ last AGPA of 3.2 (varies from year to year and is rarely below ~~3.4~~)
~~Corequisite: PSY309H5/399H5~~
- After:** Prerequisite: Prerequisites: PSY202H (or equivalent); at least 0.5 credits in advanced laboratory or research courses in Psychology at the 300 or 400 level (e.g., PSY courses ending in "9" at the 300 or 400 level, and PSY403); last AGPA of 3.2 (varies from year to year and is rarely below 3.4).
Corequisite:
- Rationale:** Co-requisites (lab courses) have been redesignated as pre-requisites, along with a broader range of lab, ROP, and independent research project options. Changes have been made to make the admission criteria and process more transparent to students. Permission of the course instructor has now been added. Format and wording is now close to model provided by Geography GGR417Y, as suggested at Divisional curriculum meeting.
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Course #92 PSY410H5 Special Topics in Developmental Psychology

- Before:** Prerequisite: PSY210H5, 1.0 credit from PSY311H5, **312H5, 315H5, 316H5, 318H5, 319H5, 341H5, 345H5, 442Y5**
- After:** Prerequisite: PSY210H5, 1.0 credit from PSY311H5, **PSY312H5, PSY315H5, PSY316H5, PSY318H5, PSY319H5, PSY341H5, PSY345H5, PSY442Y5**
- Rationale:** Weblink update
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Course #93 PSY415H5 Special Topics in Adult Development and Aging

- Before:** Prerequisite: **PSY213H5**, 1.0 credit from PSY311H5, **312H5, 316H5, 319H5, 320H5, 321H5, 325H5, 343H5, 333H5, 340H5, 345H5, 374H5, 385H5, 442Y5**
- After:** Prerequisite: **PSY313H5**, 1.0 credit from PSY311H5, **PSY312H5, PSY316H5, PSY319H5, PSY320H5, PSY321H5, PSY325H5, PSY343H5, PSY333H5, PSY340H5, PSY345H5, PSY374H5, PSY442Y5**
- Rationale:** Housekeeping: PSY385H5 no longer exists.
Prerequisite Change: PSY213H5 no longer exists. PSY313H5 added
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Course #94 PSY420H5 Special Topics in Social Psychology

- Before:** Prerequisite: PSY220H5, 1.0 credit from PSY311H5, **319H5, 320H5, 321H5, 325H5, 329H5, 343H5, 333H5, 340H5, 341H5**
- After:** Prerequisite: PSY220H5, 1.0 credit from PSY311H5, **PSY319H5, PSY320H5, PSY321H5, PSY325H5, PSY329H5, PSY343H5, PSY333H5, PSY340H5, PSY341H5**
- Rationale:** Weblink update
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Course #95 PSY430H5 Special Topics in Personality

- Before:** Prerequisite: PSY220H5/230H5, 1.0 credit from PSY311H5, **320H5, 321H5, 324H5, 325H5, 327H5, 331H5, 333H5**
- After:** Prerequisite: PSY220H5/230H5, 1.0 credit from PSY311H5, **PSY320H5, PSY321H5, PSY324H5, PSY325H5, PSY327H5, PSY331H5, PSY333H5**
- Rationale:** Weblink update
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Course #96 PSY440H5 Special Topics in Abnormal Psychology

- Before:** Prerequisite: PSY340H5, one of PSY320H5, **321H5, 331H5, 343H5, 333H5, 341H5, 344H5, 345H5, 346H5, 385H5, 442Y5**

After: Prerequisite: PSY340H5, one of PSY320H5, **PSY321H5, PSY331H5, PSY343H5, PSY333H5, PSY341H5, PSY344H5, PSY345H5, PSY346H5, PSY442Y5**

Rationale: Housekeeping: PSY385H5 no longer exists.

Course #97 PSY442Y5 Practicum in Exceptionality in Human Learning

Before: Prerequisite: 10.0 completed credits, including **PSY210H5/213H5**, 1.0 300 level credit in Psychology

After: Prerequisite: 10.0 completed credits, including **PSY210H5**, 1.0 300 level credit in Psychology

Rationale: PSY213H5 no longer offered

Course #98 PSY471H5 Special Topics in Cognitive Psychology

Before: Prerequisite: PSY270H5, 1.0 credit from PSY312H5, **315H5, 360H5, 362H5, 372H5, 374H5, 379H5, 393H5, 397H5**

After: Prerequisite: PSY270H5, 1.0 credit from PSY312H5, **PSY315H5, PSY360H5, PSY362H5, PSY372H5, PSY374H5, PSY379H5, PSY393H5, PSY397H5**

Rationale: Weblink update

Course #99 PSY474H5 Special Topics in Human Communication

Before: Prerequisite: 1.0 300 level credit in Psychology including PSY315H5/ **374H5**, one of PSY312H5, **315H5, 316H5, 319H5, 374H5, 385H5, 379H5**

After: Prerequisite: 1.0 300 level credit in Psychology including PSY315H5/ **PSY374H5**, one of PSY312H5, **PSY315H5, PSY316H5, PSY319H5, PSY374H5, PSY379H5, PSY384H5**

Rationale: Housekeeping: PSY385H5 no longer exists. PSY385H5 was missing from the list of prerequisite options.

Course #100 PSY490H5 Advanced Topics in Biological Psychology

Before: Prerequisite: **PSY270H5/290H5/295H5/BIO204H5**; 1.0 credit from PSY346H5, **362H5, 372H5, 395H5, 397H5, 398H5, 399H5**, BIO304H5

After: Prerequisite: **PSY270H5/290H5/**; 1.0 credit from PSY346H5, **PSY362H5, PSY369H5, PSY372H5, PSY395H5, PSY397H5, PSY398H5**, BIO304H5

Rationale: Course number for 399H5 was changed to 369H5
Prerequisite change: PSY295H5 and BIO204H5 no longer offered

Course #101 PSY495H5 Special Topics in Neuropsychology

Before: Prerequisite: **PSY290H5/295H5**, 1.0 credit from PSY315H5, **318H5, 346H5, 362H5, 372H5, 374H5, 379H5, 393H5, 397H5**

After: Prerequisite: **PSY290H5**, 1.0 credit from PSY315H5, **PSY318H5, PSY346H5, PSY362H5, PSY372H5, PSY374H5, PSY379H5, PSY393H5, PSY397H5**

Rationale: PSY295H5 no longer offered

Course #102 SOC350H5 Quantitative Analysis

Before: Course Exclusion: SOC300Y5, SOC300H1, SOC252H1, **BIO360H5, BIO361H5, ECO220Y5, ECO227Y5, any STA course, except STA107H5.**

After: Course Exclusion: SOC300Y5, SOC300H1, SOC252H1,

Rationale: All students in the Sociology and Criminology, Law and Society Specialist programs are required to take this course. To align course description with those of other required courses.

The following courses have been removed as exclusions as they are not equivalent to SOC350H5 and to clarify the exclusions for students: BIO360H5, BIO361H5, ECO220Y5, ECO227Y5, any STA course, except STA107H5.

Course #103 STA219H5 Mathematics of Investment and Credit

Before: Prerequisite: **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5**

After: Prerequisite:
MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5

Rationale: Requirement for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).

Course #104 STA256H5 Probability and Statistics I

Before: Prerequisite: **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/75%+** in MAT133Y5

After: Prerequisite:
MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/75%+ in
MAT133Y5

Rationale: Requirement for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).

Course #105 STA258H5 Statistics with Applied Probability

Before: Course Exclusion: STA248H1, STA255H1, **STAB57H3**, ECO227Y5

After: Course Exclusion: STA248H1, STA255H1, ECO227Y5

Rationale: STAB57H3 is removed since it's equivalent to STA260H5.

Course #106 STA260H5 Probability and Statistics II

Before: Course Exclusion: STA261H5, STA261H1, STAC58H3

After: Course Exclusion: **STAB57H3**, STA261H5, STA261H1, STAC58H3

Rationale: STAB57H3 is equivalent to STA260H5.

Course #107 STA311H5 Statistics for Forensic Sciences II

Before: Prerequisite: **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**/MAT233H5;
STA310H5/STA258H5/STA221H5/ ECO227Y5/ BIO361H5/ PSY202H5

After: Prerequisite: **MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**/
MAT233H5;
STA310H5/STA258H5/STA221H5/ ECO227Y5/ BIO361H5/ PSY202H5

Rationale: Requirement for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).

Course #108 STA314H5 Introduction to Statistical Learning

Before: Corequisite: **STA302H5/Permission** of the Instructor

After: Corequisite: **STA302H5;Permission** of the Instructor

Rationale: House keeping.

Course #109 STA390H5 Modern Applied Statistics

Before: Prerequisite: STA256H5/STA257H5;
MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5

After: Prerequisite: STA256H5/STA257H5;

MAT134H5/MAT136H5/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5

Rationale: Requirement for MAT134Y5/MAT135Y5 will be replaced by the same requirement for MAT134H5/MAT136H5 (i.e., the second half of the respective calculus course).

Course #110 utm111H5 utmONE: Tools of the Trade

Before: Course Exclusion: utm110H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #111 utm118H5 utmONE: Science of Learning

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #112 utm191H5 utmONE Scholars: Science Meets Society

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #113 utm195H5 utmONE Scholars: Curiosity and Control: Voyages of Discovery to North America

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #114 utm197H5 utmONE Scholars: Humans in Nature: Interactions and Impacts

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5

Rationale: New course added which needs to be included in the exclusion list

University of Toronto

Minor Modification Proposal:

Change to an Existing Undergraduate Program

This template should be used to bring forward all proposals for minor modifications to program for existing undergraduate programs under the University of Toronto's Quality Assurance Process.

Program being modified:	Behaviour, Genetics and Neurobiology Specialist ERSPE2470
Unit:	Department of Psychology
Dean's office contact:	Rosa Ciantar, Acting Program & Curriculum Officer
Version date: (Please change as you edit this proposal.)	October 4, 2018

1 Summary

- Check box for type(s) of change.
- Summarize what the change is, including details about any changes to FCEs.

<input checked="" type="checkbox"/> Changing program requirements	<input checked="" type="checkbox"/> Renaming of program
Summary: 1) This Specialist program is being renamed <i>Neuroscience</i> . 2) The program will now require 11.5 FCE instead of 11.0 . This results from a change to second-year requirements. First, BIO205H5 (Ecology) will become an elective rather than a required course, resulting in a 0.5 FCE reduction. Second, students must now take 0.5 FCE from two breadth areas at the second-year level. This entails a 1.0 FCE increase, with a net change of +0.5 FCE in the overall requirements. The courses identified in the breadth areas have, in turn, been added to the list of courses qualifying for enrolment into the program. PSY290H5 (Introduction to Neuroscience) is now listed as a necessary course for enrolment, rather than an option. The admission requirement of 77% has also been changed from CGPA to AGPA.	

2 Effective Date of Change

September 2019

3 Academic Rationale

- What are the academic reasons for the change?

1. Name change: 'Neuroscience' is a more contemporary and widely-used term for the content area of this specialist program. (See Appendix B illustrating increases in the use of the term *Neuroscience* and, by comparison, stable trends in the use of established disciplinary labels like *Biology* or *Geography*). This should make the program more attractive or recognizable to interested students and more interpretable to potential employers and graduate programs.

2. Minor changes to program requirements: The minor changes preserve the identity and learning goals of the program and are intended to simply ensure a solid foundation at the second year level. The redesignation of BIO205H5 as an option rather than required course is motivated by the fact that Ecology is not directly relevant to all fields of neuroscience in the same way as the remaining required courses from Biology, namely BIO206H5 (Cellular & Molecular Biology) and BIO207H5 (Genetics). The addition of the two streams in items (3) and (4) of the second-year requirements is a step that simply codifies what 85% of the students in the program are already doing in terms of gaining appropriate breadth in the behavioural and biological areas, particularly because these courses are prerequisites for many higher-level courses. The admission requirement of 77% has also been changed from CGPA to AGPA to provide a better index of student performance in the key second-year courses. The redesignation of PSY290H5 as a required course for admission recognizes the necessity of completing and achieving a high academic standard in a foundational neuroscience course prior to enrolment in a neuroscience specialist program. (This essentially corrects an oversight from a few years ago, when we consolidated our 200-level neuroscience offerings into one course.) The increase to 11.5 FCE is still squarely within the norms for Specialist program requirements.

4 Impact on Students

- Outline the expected impact on continuing and incoming students, if any, and how they will be accommodated.

1. Name change: The name change will have no effect on continuing students. Incoming students will benefit from the ease of recognizing the Specialist program with UTM's offerings, and the greater ease of communicating the gist of their degree program to employers, etc.

2. Minor changes to program requirements: These changes will have no impact on current students. There are only two students in the Specialist program currently who do not satisfy the minor update to the requirements, and they will be grandfathered under the rules that applied at the time of admission. Similarly, the changes are expected to have no or little impact on incoming students, as the majority of students (85%) were already satisfying the second-year requirements in their "updated" form. Further, as noted above, 11.5 FCE is well within the norm for Specialist program requirements. With regard to the minor change in the enrolment criteria (requiring PSY290H5), all students

currently satisfy this course, as it is a program requirement. The change simply allows it to be included in the enrolment decision for all students going forward.

5 Consultation

- Describe any consultation undertaken. Address any major issues discussed.

The changes are being proposed jointly by the behavioural neuroscience cluster in the Psychology department, namely Brett Beston, Robert Gerlai, Melissa Holmes, Loren Martin, Ashley Monks, Iva Zovkic and Doug VanderLaan.

1. In advance of the curriculum cycle, the Psychology department chair (Ashley Monks) consulted relevant Biology department members about the change (Mary Cheng, John Ratcliffe, Joel Levine). No issues were identified.
2. In the Sciences Division curriculum meeting on Sept 26, the Biology department representative noted the potential for the program to be confused with Biology offerings, and suggested steps be taken to ensure that the phrase used to describe a breadth area within the 3rd-year requirements would not be confused with the name of a Specialist program offered by Biology (Molecular Biology). We had proposed the phrase "cellular/molecular biology" but we have amended this to "molecular and cellular area".

6 Resources

- Describe any resource implications of the change(s) including, but not limited to, faculty complement, space, libraries and enrolment/admissions).

None.

7 Governance Approval

Unit sign-off	
Dean's office sign-off	
AAC approval	

Appendix A: Calendar Entry

Please see attached.

Specialist Program ERSPE2470 Neuroscience (Science)

11.5 credits are required, including at least 3.0 300/400 level credits and 1.0 400 level credit.

Limited Enrolment --Enrolment is limited to students who have:

- completed 8.0 credits;
- successfully completed BIO152H5, BIO153H5, CHM110H5, CHM120H5 and MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5;
- completed PSY201H5, PSY202H5 (or equivalent), **PSY290H5**, and at least 0.5 FCE from: BIO202H5/BIO205H5/BIO206H5/BIO207H5/**PSY210H5/PSY270H5/PSY274H5/PSY280H5**, with a minimum average of 77%
- a minimum **AGPA** of 3.0

First Year	PSY100Y5; BIO152H5; BIO153H5; CHM110H5; CHM120H5; MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5
Second Year	<ol style="list-style-type: none"> PSY201H5, PSY202H5 or equivalent BIO206H5; BIO207H5; PSY290H5 One of the following: PSY210H5, PSY270H5, PSY274H5, PSY280H5 One of the following: BIO202H5, BIO203H5, BIO205H5 <p>Second year notes:</p> <ul style="list-style-type: none"> BIO202H5 and/or BIO203H5 are required for several courses in the Neurobiology area PSY210H5 (Introduction to Developmental Psychology) is required for several courses in the Behavioural Neuroscience area <p>Students are encouraged to consider taking these courses depending on their planned course of study.</p>
Third Year	<p>1.0 credit from each of the following three areas:</p> <ol style="list-style-type: none"> Behavioural Neuroscience area: BIO318Y5/328H5, BIO320H5, PSY316H5, PSY318H5, PSY346H5, PSY352H5, PSY353H5, PSY354H5, PSY355H5, PSY360H5, PSY362H5, PSY369H5, PSY391H5, PSY392H5, PSY393H5, PSY395H5, PSY397H5, PSY398H5, Molecular/Cellular area: BIO314H5, BIO315H5, BIO341H5, BIO347H5, BIO372H5, BIO407H5, BIO476H5, PSY355H5, PSY392H5 Neurobiology area: BIO304H5, BIO310H5, BIO380H5, BIO404H5, BIO409H5, PSY318H5, PSY346H5, PSY369H5, PSY393H5, PSY397H5, <p>Third year note:</p> <ul style="list-style-type: none"> Students interested in taking PSY400Y5 are advised to take PSY309H5.
Fourth Year	<ol style="list-style-type: none"> One seminar from the following: BIO403H5, 404H5, 406H5, 407H5, 408H5, PSY490H5, 495H5 One thesis/ research project from the following: BIO481Y5, PSY400Y5, 403H5/404H5/405H5/406H5/499H5

Deleted: Behaviour, Genetics and Neurobiology

Deleted: 11.0

Deleted: 1.0

Comment [1]: The change to enrolment criterion (C) reflects the courses now listed in items "3" and "4" in 2nd yr requirements below. Note that PSY290H5 is redesignated as a requirement in the enrolment criteria (item 2 of 2nd yr requirements), so the 1.0 FCE requirement from the list was reduced by 0.5.

Deleted: PSY290H5

Deleted: CGPA

Deleted: BIO205H5;

Deleted: stream

Deleted: stream

Comment [2]: Housekeeping: The term *stream* was changed to avoid confusion with the other uses of this term in UTM documentation about student programs.

Deleted: streams

Comment [3]: Housekeeping: BIO320 is a recently added offering in Biology that is relevant to include among these options.

Deleted: Behaviour

Comment [4]: Housekeeping: PSY351 not a fully appropriate fit with this Post.

Deleted: PSY351H5,

Comment [5]: Housekeeping: Former PSY399H5 is now PSY369H5 to accommodate the introduction of a 300-level ROP course.

Comment [6]: Housekeeping: PSY385H5 removed because course was eliminated several years ago. There are no students in the program who have taken PSY385H5.

Deleted: 385H5,

Deleted: , 399H5

Comment [7]: Housekeeping: The names for two of these breadth areas have been updated. Cellular/Molecular Biology was renamed "Molecular/Cellular Biology Area" at Dept. Biology's request to avoid p... [1]

Deleted: Genetics

Deleted: 385H5,

Deleted: , PSY399H5

Comment [8]: Housekeeping: BIO408H is a new course added this year that ... [2]

Comment [9]: Housekeeping: PSY499H is a newly introduced ROP course at ... [3]

Page 1: [1] Comment [7] Department Psychology 2018-10-01 6:40 PM

Housekeeping: The names for two of these breadth areas have been updated. Cellular/Molecular Biology was renamed "Molecular/Cellular Biology Area" at Dept. Biology's request to avoid possible confusion with the Biology SPE program named *Molecular Biology*.

Page 1: [2] Comment [8] Department Psychology 2018-10-03 2:38 PM

Housekeeping: BIO408H is a new course added this year that is a relevant option here.

Page 1: [3] Comment [9] Department Psychology 2018-10-01 6:29 PM

Housekeeping: PSY499H is a newly introduced ROP course at the fourth year level that is relevant to include here.

APPENDIX 1: Summary of all Changes (Including Housekeeping Changes)

1. MINOR MODIFICATION PROPOSAL:

i. Name change:

- The program is to be renamed "Neuroscience".

ii. Minor changes to program requirements:

- Second year:

(a) BIO205H5 (Ecology) has been redesignated as an option for satisfying program requirements instead of a required course.

(b) In addition to the current requirements, students must take 0.5 from certain specified 200-level Psychology offerings and 0.5 from certain 200-level Biology offerings. This ensures breadth in identified areas and also that students possess prerequisites for higher-level courses. The net change of this, alongside the redesignation of BIO205H5, is +0.5 FCE in program requirements.

(c) The changes to the second-year requirements outlined in (b) above entailed the need to update the courses included in the enrolment criteria. This update has been made, and PSY290H is also listed as a necessary requirement for enrolment. The 77% GPA requirement is now more directly tied to second year performance (AGPA rather than CGPA).

2. OTHER CHANGES SHOWN ON THE UPDATED CALENDAR ENTRY (HOUSEKEEPING):

i. Current PSY399H5 was renumbered as PSY369H5 (to accommodate a newly introduced ROP course that will be the new PSY399H).

ii. ROP course PSY499H5 is being added to Psychology's offerings this year. This is now included as another potential fourth-year thesis/research project course for the SPE program.

iii. The names used to describe the breadth areas for third-year requirements have been updated to make them more accurate (Behaviour → Behavioural Neuroscience area; Genetics → Molecular and Cellular area)

iv. PSY385H5 was delisted and has not been offered for several years. References to this course have been removed.

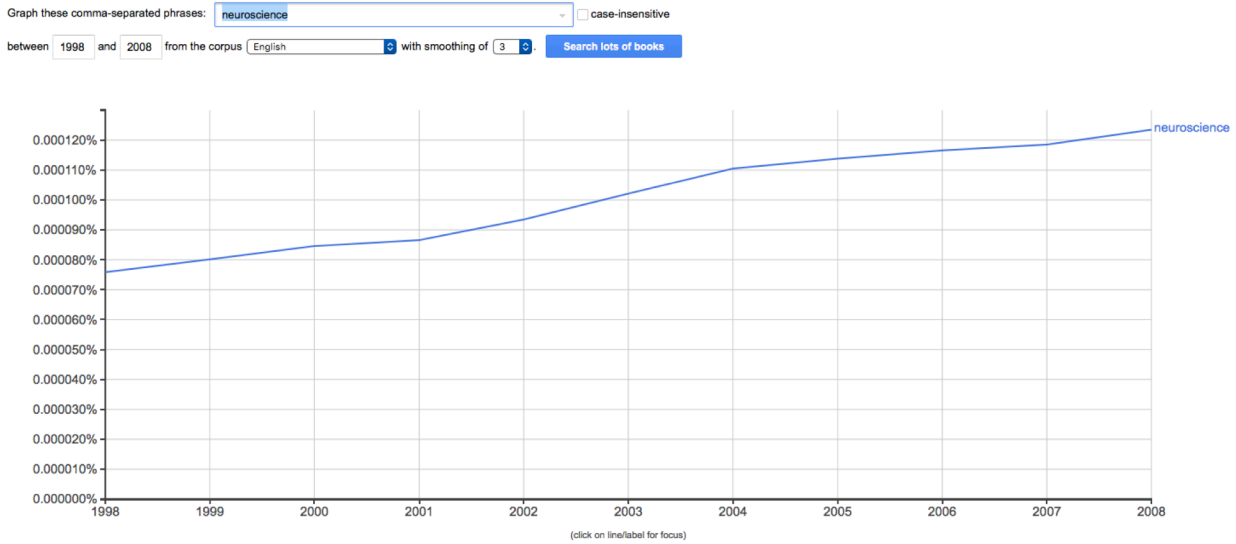
v. The terms "streams" has been changed to "areas".

vi. BIO320H5 is a course that was first offered in Winter 2016 that we have identified as appropriate to include in the program as a third-year option under group (a). Similarly, BIO408H5 is being introduced by Biology this curriculum cycle, and is appropriate to include as an option in Item 2 of the fourth-year requirements.

vii. All course codes were updated to include their 3-letter prefix.

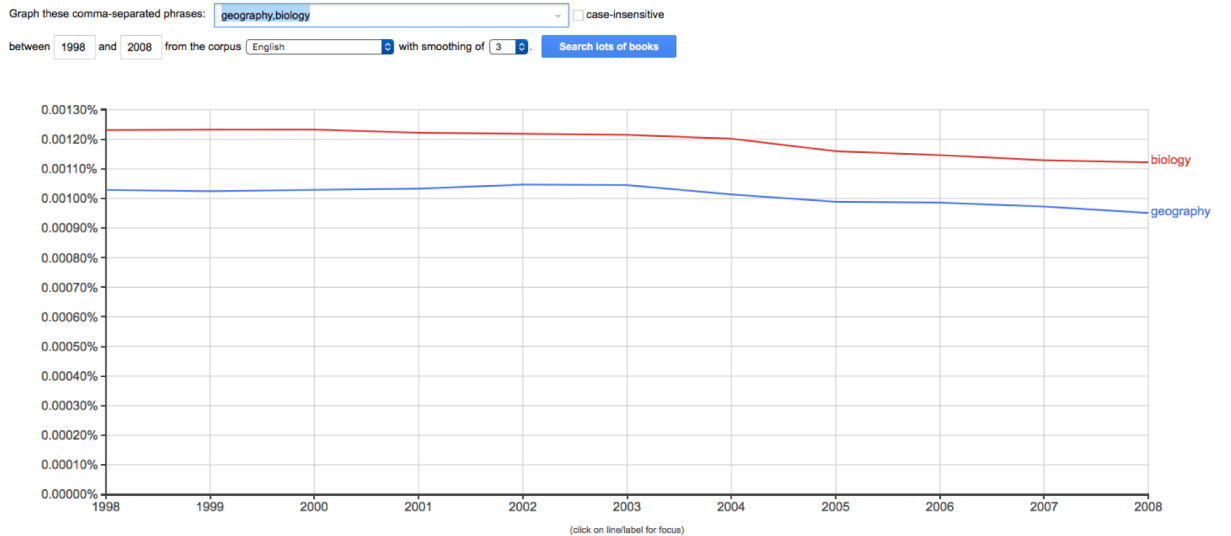
APPENDIX 2: Lexical trends-- Increase in usage of term *neuroscience*

Google Books Ngram Viewer



Upward trend for the occurrence of the term "neuroscience", 1988-2008

Google Books Ngram Viewer



Comparison cases:
Stable trend in the occurrence of the terms "biology" and "geography", 1988-2008

"Clean" view of final proposal

Neuroscience (Science) - Specialist Program ERSPE2470

11.5 credits are required, including at least 3.0 300/400 level credits and 1.0 400 level credit.

Limited Enrolment – Enrolment is limited to students who have:

- a. completed 8.0 credits;
- b. successfully completed [BIO152H5](#), [BIO153H5](#), [CHM110H5](#), [CHM120H5](#) and [MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5](#);
- c. completed [PSY201H5](#), [PSY202H5](#) (or equivalent), [PSY290H5](#), and at least 0.5 FCE from: [BIO202H5/BIO205H5/BIO206H5/BIO207H5/PSY210H5/PSY270H5/PSY274H5/PSY280H5](#) with a minimum average of 77%
- d. a minimum AGPA of 3.0

First Year	PSY100Y5 ; BIO152H5 ; BIO153H5 ; CHM110H5 , CHM120H5 ; MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5
Second Year	<ol style="list-style-type: none"> 1. PSY201H5, PSY202H5 or equivalent 2. BIO206H5; BIO207H5; PSY290H5 3. one of the following: PSY210H5, PSY270H5, PSY274H5, PSY280H5 4. one of the following: BIO202H5, BIO203H5, BIO205H5 <p>Second year notes:</p> <ul style="list-style-type: none"> • BIO202H5 and/or BIO203H5 are required for several courses in the Neurobiology area • PSY210H5 (Introduction to Developmental Psychology) is required for several courses in the Behavioural area <p>Students are encouraged to consider taking these courses depending on their planned course of study.</p>
Third Year	<p>1.0 credit from each of the following three areas:</p> <ol style="list-style-type: none"> a. Behavioural Neuroscience area: BIO318Y5/BIO328H5, BIO320H5, PSY316H5, PSY318H5, PSY346H5, PSY352H5, PSY353H5, PSY354H5, PSY355H5, PSY360H5, PSY362H5, PSY369H5, PSY391H5, PSY392H5, PSY393H5, PSY395H5, PSY397H5, PSY398H5 b. Molecular/Cellular Biology area: BIO314H5, BIO315H5, BIO341H5, BIO347H5, BIO372H5, BIO407H5, BIO476H5, PSY355H5, PSY392H5 c. Neurobiology area: BIO304H5, BIO310H5, PSY380H5, PSY404H5, PSY409H5, PSY318H5, PSY346H5, PSY369H5, PSY393H5, PSY397H5 <p>Third year note:</p> <ul style="list-style-type: none"> • Students interested in taking PSY400Y5 are advised to take PSY309H5.
Fourth Year	<ol style="list-style-type: none"> 1. One seminar from the following: BIO403H5, BIO404H5, BIO406H5, BIO407H5, BIO408H5, PSY490H5, PSY495H5 2. One thesis/ research project from the following: BIO481Y5, PSY400Y5, PSY403H5/PSY404H5/PSY405H5/PSY406H5/PSY499H5

University of Toronto

Minor Modification Proposal:

Change to an Existing Undergraduate Program

This template should be used to bring forward all proposals for minor modifications to program for existing undergraduate programs under the University of Toronto’s Quality Assurance Process.

Program being modified:	FSC Biology Specialist
Unit:	Forensic Science
Dean’s office contact:	Rosa Ciantar, Acting Program & Curriculum Officer
Version date: (Please change as you edit this proposal.)	Oct 3, 2018

1 Summary

- Check box for type(s) of change.
- Summarize what the change is, including details about any changes to FCEs.

X	Changing program requirements	Renaming of program
Summary: New core forensic science and forensic biology courses have been added to the FSC Biology Specialist program in order to provide students with a curriculum that better reflects industry expectations.		

2 Effective Date of Change

September 2019

3 Academic Rationale

- What are the academic reasons for the change?

The FSc Biology program is being revised slightly in order to provide students with

more relevant required courses. With the recent hire of a Forensic Biologist, we have been better able to identify the skills and knowledge required by experts in this discipline. As a result, some less relevant courses have been eliminated. New courses have been added to provide students with greater in-depth content. In addition, more core forensic science courses have been added to the program to help better prepare students for a career in forensic science, e.g. FSC330 Best Practices in Forensic Science; FSC340 Research Design. An alternative to the capstone internship course is also being added. This will provide students with the opportunity to conduct collaborative, interdisciplinary research, rather than working independently. The result of these changes is a slight increase in minimum credit from 15.0 to 15.5 (or 16 depending on one option the student has for a course requirement).

4 Impact on Students

- Outline the expected impact on continuing and incoming students, if any, and how they will be accommodated.

Continuing students will be allowed to substitute new courses for current required courses that have been removed from the program. The requirements for first year have not changed, and will not affect incoming students.

5 Consultation

- Describe any consultation undertaken. Address any major issues discussed.

Changes were made with the guidance of the newly hired Forensic Biologist, who has had professional experience at two different Forensic Science laboratories. The rest of the faculty were consulted on the changes, and all approve.

6 Resources

- Describe any resource implications of the change(s) including, but not limited to, faculty complement, space, libraries and enrolment/admissions).

The new core courses will be covered by new faculty members (FSC Biologist hired this year, FSC Toxicologist search is ongoing with a start date in 2019).

Governance Approval

Unit sign-off	
Dean's office sign-off	
AAC approval	

Appendix A: Calendar Entry

Please use track changes to indicate where changes have been made.

Specialist Program ERSPE1410 Forensic Biology (Science)

A minimum of 15.5 or 16 credits are required.

Limited Enrolment --Admission into the Forensic Biology program is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, **MUST** submit a direct online FSC application, upon completing the minimum program entry requirements. **Meeting the minimum requirements does not guarantee admission into the program.**

Minimum Requirements:

1. Completion of 4.0 credits; including 3.0 science credits
2. Completion of [BIO152H5](#) with **65% or better** and [BIO153H5](#) with **65% or better**
3. Completion of [CHM110H5](#) with **65% or better** and [CHM120H5](#) with **65% or better**
4. **Completion of FSC239Y5 with 70% or better**
5. Completion of [MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5](#)
6. A minimum Cumulative Grade Point Average of at least **3.0**. *The actual minimum CGPA requirement varies from year to year but is never lower than 3.0*

Application for admission into the program for ALL students can be found at: www.utm.utoronto.ca/forensic

Forensic Science Applications Open: **March 1 of each year**

Forensic Science Application Deadline: **May 1 of each year**

First Yea (5)	BIO152H5 , BIO153H5 ; CHM110H5 , CHM120H5 ; FSC239Y5 ; MAT134Y5/MAT135Y5/MAT137Y5 ; PHY136H5 , PHY137H5
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Minor Modification Proposal: Change to an Existing Undergraduate Program

credits)	
Second Year (3.5 or 4)	BIO206H5 , BIO207H5 , BIO210Y5/FSC316H5 ; CHM242H5 , CHM243H5 ; FSC271H5 ;STA215H5
Third and Fourth Years (7 credits)	<ol style="list-style-type: none"> 1. BIO362H5,CHM361H5; (FSC300H5, FSC302H5)/(FSC303H5,210H5), FSC315H5, FSC330H5, FSC340H5 FSC360H5, 2. BIO458H5, FSC415H5, FSC416H5, FSC481Y5/(FSC482H5Y, FSC483H5) 3. 0.5 additional credits from BIO341H5, FSC307H5, FSC350H5, FSC370H5, FSC371H5, FSC401H5, FSC402H5, FSC406H5, FSC407H5

University of Toronto

Minor Modification Proposal:

Change to an Existing Undergraduate Program

This template should be used to bring forward all proposals for minor modifications to program for existing undergraduate programs under the University of Toronto's Quality Assurance Process.

Program being modified:	FSC Anthropology Specialist
Unit:	Forensic Science
Dean's office contact:	Rosa Ciantar, Acting Program & Curriculum Officer
Version date: (Please change as you edit this proposal.)	Oct 3, 2018

1 Summary

- Check box for type(s) of change.
- Summarize what the change is, including details about any changes to FCEs.

<input checked="" type="checkbox"/>	Changing program requirements	<input type="checkbox"/>	Renaming of program
Summary: New core forensic science courses have been added to the FSC Anthropology Specialist program, along with several optional courses, in order to provide students with more options and mitigate scheduling conflicts.			

2 Effective Date of Change

September 2019

3 Academic Rationale

- What are the academic reasons for the change?

The FSc Anthropology program is being revised slightly in order to provide students

with more options. Over the last few years the Director has had to approve a number of exceptions for students in the FSC Anthropology Specialist program because courses in other Departments were not available (not offered that year), or conflicted with other required courses. In order to address this issue, more courses are being provided as options. In addition, more core forensic science courses have been added to the program to help better prepare students for a career in forensic science, e.g. FSC330 Best Practices in Forensic Science; FSC340 Research Design. An alternative to the capstone internship course is also being added. This will provide students with the opportunity to conduct collaborative, interdisciplinary research, rather than working independently.

4 Impact on Students

- Outline the expected impact on continuing and incoming students, if any, and how they will be accommodated.

Continuing students will be allowed to substitute new courses for current required courses that they cannot take due to scheduling conflicts or unavailability. The requirements for first year have not changed, and will not affect incoming students.

5 Consultation

- Describe any consultation undertaken. Address any major issues discussed.

The faculty were apprised of the difficulties encountered by FSC Anthropology Specialists trying to complete their program in 4 years, and the resulting number of exceptions made by the Director to accommodate problems of scheduling and courses not being offered. The faculty were in support of greater program flexibility, including a second option for the capstone experiential course.

6 Resources

- Describe any resource implications of the change(s) including, but not limited to, faculty complement, space, libraries and enrolment/admissions).

The new core courses will be covered by new faculty members (FSC Biologist hired this year, FSC Toxicologist search is ongoing with a start date in 2019). Providing greater flexibility in the program will not require additional resources.

Governance Approval

Unit sign-off	
Dean's office sign-off	
AAC approval	

Appendix A: Calendar Entry

Please use track changes to indicate where changes have been made.

Specialist Program ERSPE1338 Forensic Anthropology (Science)

A minimum of 15.0 credits are required.

Limited Enrolment --Admission into the Forensic Anthropology program is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, **MUST** submit a direct online FSC Application, upon completing the minimum program entry requirements. **Meeting the minimum requirements does not guarantee admission into the program.**

Minimum Requirements:

1. Completion of 4.0 credits; including 3.0 science credits.
2. Completion of [ANT101H5](#) with **75% or better** and [ANT102H5](#) with **75% or better**, **completion of FSC239Y5 with 70% or better**
(Students applying to enroll after second year must have completed **8.0 credits** and achieved at least **75% in each of** [ANT200H5](#), [ANT201H5](#), [ANT202H5](#), [ANT203H5](#) and [ANT205H5](#)). and 70% in FSC239Y5
3. A minimum Cumulative Grade Point Average of at least **3.0** *The actual minimum CGPA varies from year to year but is never lower than 3.0*

Application for admission into the program for ALL students can be found at: www.utm.utoronto.ca/forensic

Forensic Science Applications Open: **March 1 of each year**

Forensic Science Application Deadline: **May 1 of each year**

First Year (3 credits)	ANT101H5 , ANT102H5 ; BIO152H5 , BIO153H5 ; FSC239Y5
Second Year	ANT200H5 , ANT202H5 , ANT203H5 , ANT205H5 ; FSC271H5 , FSC360H5 ; STA215H5 /ANT407H5;

Minor Modification Proposal: Change to an Existing Undergraduate Program

(3.5 credits)	
Third Year (4.5 credits)	ANT306H5 , ANT312H5 , ANT317H5 , ANT334H5 , ANT340H5 , (FSC300H5 , FSC302H5)/ FSC210H5 , 303H5), FSC316H5 ; FSC340H5 ,
Fourth Year (4 credits)	<ol style="list-style-type: none"> 1. ANT415H5, ANT436H5/FSC307H5, ANT439H5, ANT441H5; FSC330H, FSC401H5, FSC481Y5/(FSC482H5Y, FSC483H5)

University of Toronto

Minor Modification Proposal:

Change to an Existing Undergraduate Program

This template should be used to bring forward all proposals for minor modifications to program for existing undergraduate programs under the University of Toronto's Quality Assurance Process.

Program being modified:	FSC Chemistry Specialist
Unit:	Forensic Science
Dean's office contact:	Rosa Ciantar, Acting Program & Curriculum Officer
Version date: (Please change as you edit this proposal.)	Oct 3, 2018

1 Summary

- Check box for type(s) of change.
- Summarize what the change is, including details about any changes to FCEs.

X	Changing program requirements	Renaming of program
Summary: New core forensic science and forensic chemistry courses have been added to the FSC Chemistry Specialist program in order to provide students with a curriculum that better reflects industry expectations. Some less relevant chemistry courses have been deleted from the program.		

2 Effective Date of Change

September 2019

3 Academic Rationale

- What are the academic reasons for the change?

The FSc Chemistry program is being revised slightly in order to provide students with

more relevant required courses. With the recent hire of a Forensic Chemist, we have been better able to identify the skills and knowledge required by experts in this discipline. As a result, some less relevant courses have been eliminated. New courses have been added to provide students with greater in-depth content. In addition, more core forensic science courses have been added to the program to help better prepare students for a career in forensic science, e.g. FSC330 Best Practices in Forensic Science; FSC340 Research Design. An alternative to the capstone internship course is also being added. This will provide students with the opportunity to conduct collaborative, interdisciplinary research, rather than working independently. The changes do not alter the number of minimum credits for the program.

4 Impact on Students

- Outline the expected impact on continuing and incoming students, if any, and how they will be accommodated.

Continuing students will be allowed to substitute new courses for current required courses that have been removed from the program. The requirements for first year have not changed, and will not affect incoming students.

5 Consultation

- Describe any consultation undertaken. Address any major issues discussed.

Changes were made with the guidance of the newly hired Forensic Chemist, who has had professional experience at a Forensic Science laboratory. Changes are in keeping with the accreditation requirements for Forensic Science Education Program Accreditation Commission (FEPAC). In order to ensure the program maintains its accreditation through the Chemical Society of Canada, Judith Poe from the Dept of Chemistry (who is responsible for accreditation of the Chemistry Program) was consulted. The rest of the faculty were consulted on the changes, and all approve.

6 Resources

- Describe any resource implications of the change(s) including, but not limited to, faculty complement, space, libraries and enrolment/admissions).

The new core courses will be covered by new faculty members (FSC Chemist hired last year, FSC Biologist hired this year, and FSC Toxicologist search is ongoing with a start date in 2019).

Governance Approval

Unit sign-off	
Dean's office sign-off	
AAC approval	

Appendix A: Calendar Entry

Please use track changes to indicate where changes have been made.

Specialist Program ERSPE1009 Forensic Chemistry (Science)

A Minimum of 17.0 credits are required.

This program is accredited by the Canadian Society for Chemistry.

Limited Enrolment -- Admission into the Forensic Science-Chemistry program is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, **MUST** submit a direct online FSC application, upon completing the minimum program entry requirements. **Meeting the minimum requirements does not guarantee admission into the program.**

Minimum Requirements:

1. Completion of 4.0 credits; including 3.0 science credits.
2. Completion of [CHM110H5](#) with **65% or better** and [CHM120H5](#) with **65% or better**.
3. Completion of FSC239Y5 with 70% or better.
4. Completion of [MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5](#).
5. A minimum Cumulative Grade Point Average of at least **3.0**. *The actual minimum CGPA requirement varies from year to year but is never lower than 3.0*

Application for admission into the program for ALL students can be found at: www.utm.utoronto.ca/forensic

Forensic Science Applications Open: **March 1 of each year**

Forensic Science Application Deadline: **May 1 of each year**

Minor Modification Proposal: Change to an Existing Undergraduate Program

<p>First Year (4.5 credits)</p>	<p>CHM110H5, CHM120H5; BIO152H5, FSC239Y5; MAT134Y5/MAT135Y5/MAT137Y5; PHY136H5, PHY137H5</p>
<p>Higher Years (12.5)</p>	<ol style="list-style-type: none"> 1. BIO200H5; CHM211H5; JCP221H5, CHM231H5, CHM242H5, CHM243H5; FSC271H5 2. CHM311H5, CHM331H5/CHM333H5, CHM361H5, CHM396H5, CHM397H5; STA220H5 3. (FSC300H5, FSC302H5)/(FSC210H5/FSC370H5,FSC303H5), FSC311H5, FSC330H5, FSC340H5, FSC360H5, FSC402H5, FSC403H5 4. CHM414H5, CHM416H5 5. FSC481Y5/(FSC482H5Y, FSC483H5) (with chemistry focus)

Information Security Specialist: Change from Type 2 to Type 3

Background: The computer science specialist and major programs are both type 3 programs. The type 3 designation gives the department the ability to dynamically set enrollment cutoffs, which is particularly important now, with the high demand for computer science programs and rapid changes in enrollments. (The program has seen up to 40% growth in the first year in recent years.) The information security specialist has the same entrance requirement text as the two computer science majors but is currently listed as a type 2 program.

Calendar Change: No visible change. Change in designation from type 2 to type 3.

Rationale: The designation as type 2 appears to be an error, since the intention of the program is to mirror the computer science specialist (type 3) in both admissions requirements and basic structure. Making the information security specialist type 3 will allow the department to continue to set entrance requirements dynamically, as enrollments change.

Bioinformatics Specialist: Change from Type 2 to Type 3

Background: The computer science specialist and major programs are both type 3 programs. The type 3 designation gives the department the ability to dynamically set enrollment cutoffs, which is particularly important now, with the high demand for computer science programs and rapid changes in enrollments. (The program has seen up to 40% growth in the first year in recent years.) The bioinformatics specialist is currently listed as type 2 and has static CGPA and minimum mark requirements despite having CS requirements that are comparable to the CS major.

Calendar Change: Change in designation from type 2 to type 3. Change in program admission requirements from:

"Enrolment in this program is limited. Students who wish to enrol at the end of the first year (4.0 credits) must have passed all the courses listed for the first year, attained at least 60% in all 100-level computer science and mathematics courses, and have a minimum Cumulative Grade Point Average (CGPA) of 2.0.

Tuition fees for students enrolling in this program are higher than for other Arts and Science programs."

to this text, which matches the structure of other specialist programs that use CS:

"Limited Enrolment -- Enrolment in this program is limited to students who meet the following criteria:

1. ***Prerequisite Courses***

A minimum of 4.0 credits to include CSC148HS; MAT102HS; and one of (MAT134YS/MAT13SYS/MAT137YS/MAT1S7YS).

2. Required Course Marks in CSC148HS and MAT102HS*

The * minimum course mark in CSC148HS and MAT102HS is determined annually. It is never lower than 60.

3. *Cumulative Grade Point Average (CGPA)*

The minimum CGPA is determined annually. It is never lower than 2.0.

The Bioinformatics Specialist is a deregulated fees program and as such, tuition fees for students enrolled in this program are higher than for other regulated fee programs. Fees are charged on a program and not a per course basis. See www.fees.utoronto.ca for more information on the fee structures.”

Rationale: With the (pending) change to the information security specialist, all specialist and major programs with a significant CS component will be designated type 3. Making the bioinformatics specialist type 3 will allow the department to continue to set entrance requirements dynamically, as enrollments change.



University of Toronto Mississauga Divisional Curriculum Committee Report

Divisional Curriculum Committee:	Social Sciences
Members:	<p>Prof. Andrew Petersen, Chair (September 21, 2018) Prof. Heather Miller, Chair (April 25, 2018)</p> <p>Prof. Todd Sanders, Department of Anthropology Prof. Gueorgui Kambourouv, Department of Economics Prof. Joseph Leydon, Department of Geography Prof. Tracy Bowen/Prof. Anthony Wensley, Institute of Communication, Culture, Information and Technology Prof. Eckhard Schumann, Management Prof. Ronald Beiner, Political Science Prof. Erik Schneiderhan, Sociology</p>
Date of Divisional Curriculum Committee Meeting:	Wednesday, April 25, 2018 Friday, September 21, 2018
Return to: Program and Curriculum Officer	Rosa Ciantar Acting Program and Curriculum Officer Office of the Dean, UTM rosa.ciantar@utoronto.ca

1. Overview

Most Social Science programs have made adjustments to their offerings and requirements to provide clearer directions and better opportunities for students. As is typical, the greatest number of changes across departments involved updating the titles, description, and requirements of existing courses to more accurately reflect their content and mode of teaching or to provide more flexibility for students. ICCIT and Sociology were particularly active in this regard, and Political Science introduced a new half course to replace a full course already in the calendar. In addition, a significant number of the course description changes were made to ensure that contact hours are accurately reflected in the Academic Calendar. For example, these changes formed the majority of the existing course modifications performed by Political Science.

A number of courses were added to provide additional experiential opportunities for students. For example, ICCIT introduced a course in support of their new Professional Experience Certificate, and four departments introduced additional ROP and/or thesis offerings. While not marked with an EXP designation, Geography's GGR362 also provides opportunities for experiential learning. Other course offerings reflected growth in areas of student interest or changes in a field; for example, ICCIT introduced two courses about hacker culture and social media. Finally, some courses were added due to recent faculty hires; for example, Sociology introduced four courses for a new faculty member, including three with an indigenous focus. Two departments introduced seminar courses, both to provide new topics for students and to accommodate new hires.

One substantive program change was proposed and approved. After extensive consultation with the Office of the Dean, the Department of Sociology introduced a CGPA requirement that varies annually based on demand, converting their programs to be Type 3 (limited enrollment). The flexible CGPA requirement provides control that enables the department to implement high-impact practices, such as internships, local/international field experiences, problem-based learning, senior research projects, research with faculty, and learning communities, as guided by the first goal of UTM's Academic Plan, to "inspire student success by supporting a rigorous and innovative academic environment." This change was accompanied by clarifications to the requirements for entry and updates to reflect new and re-numbered courses.

The Social Science Curriculum committee reviewed and approved minor changes for multiple programs. The majority of changes were the result of adjustments to offerings and requirements and provide clarity in terms of requirements (Environmental Management and Criminology). The programs in Economics (including BCom) updated courses considered for Writing Requirements. Economics, as well as several Commerce programs, also modified calculus requirements to adjust to the newly introduced half-credit courses. The changes for programs in Commerce and Management updated and clarified program entry requirements.

The changes to CCIT removed access to a stream of courses intended specifically for DEM students. The remainder of program changes reflect new course offerings.

2. Rationale

Course changes and additions reflect three aspects of UTM teaching:

(1) a generally heightened level of attention to course offerings in departments, including the increased work on curriculum mapping and program design, resulting in housekeeping to bring courses in line with desired learning outcomes;

(2) the evolution of the curriculum to reflect areas of increasing interest, such as indigeneity, and the expertise of newly hired faculty; and

(2) increased emphasis in experiential learning opportunities.

These factors have resulted in a range of changes from updated 'housekeeping' to the addition of new courses (see 1 above).

3. Summary of Change Categories

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Anthropology	0	0	1	2	2	11
Communications, Culture and Technology	0	0	1	4	4	33
Economics	0	1	1	4	9	15
Environment	0	0	0	0	0	2
Erindale Courses	0	0	3	0	0	0

Geography	0	0	0	1	0	3
Institute for Management & Innovation	0	0	0	0	0	6
Management	0	0	0	1	0	14
Political Science	0	2	0	5	17	8
Professional Writing	0	0	0	1	1	3
Sociology	0	0	3	19	4	87
Geography	0	0	0	0	0	0
Student Development & Transition	0	0	0	0	0	7

4. Cumulative Glance

No. of full courses deleted: 0 No. of full courses added: 3 No. of half courses deleted: 9 No. of half courses added: 37 No. of full courses changed: 37 No. of half courses changed: 189
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5. Major Changes

No major changes in Social Sciences were proposed in this curriculum cycle.

Social Sciences/ICCIT

April Report

SOCIAL SCIENCES/ICC - Table of Contents

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SUMMARY OF COURSE CHANGES

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Anthropology	0	0	1	0	0	6
Communication, Culture, Information and Technology	0	0	1	2	0	10
Concurrent Teacher Education	0	0	0	0	0	0
Diaspora and Transnational Studies	0	0	0	0	0	0
Economics	0	0	1	2	1	8
Education Studies	0	0	0	0	0	0
Environment	0	0	0	0	0	0
Erindale Courses	0	0	3	0	0	0
Forensic Science	0	0	0	0	0	0
Geography	0	0	0	0	0	0
Language Studies	0	0	0	0	0	0
Linguistics	0	0	0	0	0	0
Management	0	0	0	1	0	7
Mathematics	0	0	0	0	1	0
Political Science	0	0	0	0	0	0
Professional Writing and Communication	0	0	0	1	1	2
Sociology	0	0	0	9	0	15
Student Development and Transition	0	0	0	0	0	7
Women and Gender Studies	0	0	0	0	0	0

New Programs

NONE

Programs - Resource Implications

Program #1 ERMAJ1302 Professional Writing and Communication (Arts)

Resource implications: None.

Program #2 ERMAJ2431 Management

Resource implications: none

Program #3 ERSPE1384 International Affairs (Arts)

Resource implications: None.

Program #4 ERSPE1882 Human Resource Management

Resource implications: none

Program #5 ERSPE2431 Management

Resource implications: none

Deleted Programs

NONE

Programs - Other Changes

Program #1 ERMAJ0727 Criminology, Law and Society (Arts)

Rationale for change: Changes required to reflect current group a and b courses. Editorial change pertaining CLS Group A department approval courses to aid clarity.

Before:

Optional Courses 3.0 credits must be selected from Group A and an additional 1.5 credits from Group A or Group B.

Group A:

SOC208H5, SOC211H5, SOC216H5, SOC219H5, SOC300H5, SOC301H5, SOC303H5, SOC310H5, SOC311H5, SOC313H5, SOC316H5, SOC320H5, SOC322H5, SOC323H5, SOC325H5, SOC326H5, SOC328H5, SOC330H5, SOC338H5, SOC346H5, SOC371H5, SOC378H5, SOC379H5, SOC393H5, SOC394H5, SOC420H5, SOC421H5, SOC423H5, SOC432H5, SOC440H5, SOC446H5, SOC447H5, SOC448H5, SOC450H5, SOC456H5, SOC475H5, SOC493H5, SOC494H5
SOC299Y5, SOC399Y5, SOC480Y5, SOC499Y5 *(With Department's approval)*

Group B:

ANT205H5, 209H5, 306H5, 352H5, 354H5, 369H5, 439H5
FSC239Y5, FSC271H5, FSC360H5, FSC406H5
PHL246H5, PHL265H5, PHL271H5, PHL274H5, PHL275H5, PHL277Y5, PHL365H5, PHL370H5,
PHL375H5
POL208Y5, POL214Y5, POL310Y5, POL340Y5, POL343Y5
PSY220H5, PSY230H5, PSY240H5, PSY270H5, PSY328H5, PSY340H5, PSY341H5, PSY344H5, PSY346H5, PSY440H5
SOC231H5, SOC253H5, SOC263H5, SOC275H5, SOC318H5, SOC332H5, SOC342H5, SOC359H5, SOC364H5, SOC380H5, SOC425H5, SOC457H5, SOC460H5, SOC463H5
WGS215H5, WGS365H5, WGS373H5, WGS420H5

After:

Optional Courses 3.0 credits must be selected from Group A and an additional 1.5 credits from Group A or Group B.

Group A:

SOC206H5, **SOC208H5**, SOC211H5, SOC216H5, SOC219H5, SOC300H5, SOC301H5, SOC303H5, **SOC306H5**, SOC310H5, SOC311H5, SOC313H5, SOC316H5, SOC320H5, SOC322H5, SOC323H5, SOC325H5, SOC326H5, **SOC327H5**, SOC328H5, SOC330H5, SOC338H5, SOC346H5, **SOC351H5**, **SOC357H5**, SOC371H5, SOC378H5, SOC379H5, **SOC382H5**, SOC393H5, SOC394H5, **SOC401H5**, **SOC403H5**, SOC420H5, SOC421H5, SOC423H5, **SOC429H5**, SOC432H5, SOC440H5, SOC446H5, SOC447H5, SOC448H5, SOC450H5, SOC456H5, SOC475H5, SOC493H5, SOC494H5

*With department approval only: **SOC299Y5**, SOC399Y5, SOC480Y5, SOC499Y5*

Group B:

ANT205H5, 209H5, 306H5, 352H5, 354H5, 369H5, 439H5
FSC239Y5, FSC271H5, FSC360H5, FSC406H5
PHL246H5, PHL265H5, PHL271H5, PHL274H5, PHL275H5, PHL277Y5, PHL365H5, PHL370H5,
PHL374H5, **PHL376H5**
POL208Y5, POL214Y5, POL310Y5, POL340Y5, POL343Y5
PSY220H5, PSY230H5, PSY240H5, PSY270H5, PSY328H5, PSY340H5, PSY341H5, PSY344H5, PSY346H5, PSY440H5
SOC231H5, SOC253H5, SOC263H5, SOC275H5, SOC318H5, SOC332H5, SOC342H5, SOC359H5, SOC364H5, SOC380H5, SOC425H5, SOC457H5, SOC460H5, SOC463H5
WGS215H5, WGS365H5, WGS373H5, WGS420H5

Program #2 ERMAJ1302 Professional Writing and Communication (Arts)

Rationale for change: More WRI courses are now being offered with specialized topics at the 400 level which will benefit students completing the major. Therefore, completion of at least 1.0 credit at the 400 level should be required.

Before:

Upper Years 6.5 credits from any 300/400 level WRI ***courses.***

After:

Upper Years 6.5 credits from any 300/400 level WRI ***courses including at least 1.0 credit at the 400 level.***

Program #3 ERMAJ1425 Environmental Management (Arts)

Rationale for change:

Before:

Second Year: 3.0 credits

- Environmental Management Core: ENV201H5
- Environmental Policy Core: JPE250Y5

- Social Science/Humanities Core: 0.5 credit chosen from this list: ***ANT241Y5;*** ENG259H5; ENV205H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR265H5, GGR267H5, GGR287H5, GGR288H5; JPE250Y5; PHL274H5, PHL284H5

- Science Core: 0.5 credit chosen from this list: ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;

- Quantitative, Digital, and Analytical Methods Core: 0.5 credit chosen from this list: GGR272H5, GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5; or another program-relevant 200/300-level Research Methods course, with permission of the Program Advisor

After:

Second Year: 3.0 credits

- Environmental Management Core: ENV201H5
- Environmental Policy Core: JPE250Y5

- Social Science/Humanities Core: 0.5 credit chosen from this list: ***ANT241H5;*** ENG259H5; ENV205H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR265H5, GGR267H5, GGR287H5, GGR288H5; JPE250Y5; PHL274H5, PHL284H5

- Science Core: 0.5 credit chosen from this list: ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;

- Quantitative, Digital, and Analytical Methods Core: 0.5 credit chosen from this list: GGR272H5, GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5; or another program-relevant 200/300-level Research Methods course, with permission of the Program Advisor

Program #4 ERMAJ2431 Management

Rationale for change: MAT133Y5 change was approved in prior Curriculum Committee meeting. The change in the calendar is to more accurately reflect who the requirement applies for.

Before:

Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite courses ECO100Y5 (63%); MGM101H5 (63%); MGM102H5 (63%); MAT133Y5/MAT135Y5 (50%) in a minimum of 4.0 credits.

- Cumulative Grade Point Average (CGPA) Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.

- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits Students applying to Management with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.

- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POST request periods in March/April. Contact Management Department for dates.

First year (3.0 ~~credits~~) MGM101H5; MGM102H5; ECO100Y5; MAT133Y5/MAT135Y5 (or equivalent)

After:

Limited Enrolment: Note: The following enrolment requirements will be in effect for students enrolling in Spring 2019. For students enrolling in the Spring 2018 enrolment period, consult the requirements stated in the 2017-18 Calendar. Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite courses ECO100Y5 (63%); MGM101H5 (63%); MGM102H5 (63%); MAT133Y5/MAT135Y5 (50%) in a minimum of 4.0 credits.

- Cumulative Grade Point Average (CGPA) Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.

- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits Students applying to Management with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.

- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POSt request periods in March/April. Contact Management Department for dates.

First year For students who began studies prior to September 2018 (2.0 credits):
MGM101H5; MGM102H5; ECO100Y5;

For students who began studies in September 2018 and onwards (3.0 credits): MGM101H5; MGM102H5; ECO100Y5; MAT133Y5/MAT135Y5 (or equivalent)

Program #5 ERMIN1013 Sociology (Arts)

Rationale for change: SOC325H5 added to list of her years courses, as this course is now an option for minor students.

Before:

Higher Years Please be aware of the upper-year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in upper-level courses. Students without prerequisites can be removed at any time. No waivers will be granted.

3.5 SOC credits, of which 1.0 credit must be at the 300 level where options include:

- SOC301H5
- SOC310H5
- SOC317H5
- SOC326H5
- SOC352H5
- SOC361H5

After:

Higher Years Please be aware of the upper-year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in upper-level courses. Students without prerequisites can be removed at any time. No waivers will be granted.

3.5 SOC credits, of which 1.0 credit must be at the 300 level where options include:

- SOC301H5
- SOC310H5
- SOC317H5
- **SOC325H5**
- SOC326H5
- SOC352H5
- SOC361H5

Program #6 ERSPE0727 Criminology, Law and Society (Arts)

Rationale for change: Changes required to reflect current group a and b courses. Editorial change pertaining CLS Group A department approval courses to aid clarity.

Before:

Optional Courses 3.5 credits must be selected from Group A and an additional 1.5 credits from Group A or Group B.

Group A:

SOC208H5, SOC211H5, SOC216H5, SOC219H5, SOC300H5, SOC301H5, SOC303H5, SOC310H5, SOC311H5, SOC313H5, SOC316H5, SOC320H5, SOC322H5, SOC323H5, SOC325H5, SOC326H5, SOC328H5, SOC330H5, SOC338H5, SOC346H5, SOC371H5, SOC378H5, SOC379H5, SOC393H5, SOC394H5, SOC420H5, SOC421H5, SOC423H5, SOC432H5, SOC440H5, SOC446H5, SOC447H5, SOC448H5, SOC450H5, SOC456H5, SOC475H5, SOC493H5, SOC494H5

SOC299Y5, SOC399Y5, SOC480Y5, SOC499Y5 *(With Department's approval)*

Group B:

ANT205H5, ANT209H5, ANT217H5, ANT306H5, ANT352H5, ANT354H5, ANT369H5, ANT439H5
FSC239Y5, FSC271H5, FSC360H5, FSC406H5

PHL246H5, PHL265H5, PHL271H5, PHL274H5, PHL275H5, PHL277Y5, PHL365H5, PHL370H5,

PHL375H5

POL208Y5, POL214Y5, POL310Y5, POL340Y5, POL343Y5

PSY220H5, PSY230H5, PSY240H5, PSY270H5, PSY 328H5, PSY340H5, PSY341H5, PSY344H5,
PSY346H5, PSY440H5

SOC253H5, SOC263H5, SOC275H5, SOC318H5, SOC332H5, SOC342H5, SOC359H5, SOC364H5,
SOC380H5, SOC425H5, SOC457H5, SOC460H5, SOC463H5

WGS215H5, WGS365H5, WGS373H5, WGS420H5

After:

Optional Courses 3.5 credits must be selected from Group A and an additional 1.5 credits from Group A or Group B.

Group A:

SOC206H5, SOC208H5, SOC211H5, SOC216H5, SOC219H5, SOC300H5, SOC301H5,
SOC303H5, **SOC306H5**, SOC310H5, SOC311H5, SOC313H5, SOC316H5, SOC320H5, SOC322H5,
SOC323H5, SOC325H5, SOC326H5, **SOC327H5**, SOC328H5, SOC330H5, SOC338H5, SOC346H5,
SOC351H5, SOC357H5, SOC371H5, SOC378H5, SOC379H5, **SOC382H5**, SOC393H5,
SOC394H5, **SOC401H5, SOC403H5**, SOC420H5, SOC421H5, SOC423H5, **SOC429H5**,
SOC432H5, SOC440H5, SOC446H5, SOC447H5, SOC448H5, SOC450H5, SOC456H5, SOC475H5,
SOC493H5, SOC494H5

With Department approval only: SOC299Y5, SOC399Y5, SOC480Y5, SOC499Y5

Group B:

ANT205H5, ANT209H5, ANT217H5, ANT306H5, ANT352H5, ANT354H5, ANT369H5, ANT439H5
FSC239Y5, FSC271H5, FSC360H5, FSC406H5

PHL246H5, PHL265H5, PHL271H5, PHL274H5, PHL275H5, PHL277Y5, PHL365H5, PHL370H5,

PHL374H5, PHL376H5

POL208Y5, POL214Y5, POL310Y5, POL340Y5, POL343Y5

PSY220H5, PSY230H5, PSY240H5, PSY270H5, PSY 328H5, PSY340H5, PSY341H5, PSY344H5,
PSY346H5, PSY440H5

SOC253H5, SOC263H5, SOC275H5, SOC318H5, SOC332H5, SOC342H5, SOC359H5, SOC364H5,
SOC380H5, SOC425H5, SOC457H5, SOC460H5, SOC463H5

WGS215H5, WGS365H5, WGS373H5, WGS420H5

Program #7 ERSPE1384 International Affairs (Arts)

**Rationale
for
change:**

Added: 1. GGR333H5 to requirement "C" - additional option for students. 2. ECO411H5 and ECO406H5 to requirement "D" - ECO412Y5 is no longer offered; these are the replacement courses.

Before:

A. 7.0 credits are required from the following list: ECO100Y5; MAT133Y5/134Y5/135Y5; ECO200Y5/204Y5/206Y5,
202Y5/208Y5/209Y5,220Y5/227Y5,364H5,365H5; POL208Y5 B. 4.0 language credits in the same discipline. C. 3.0 credits from:
ENV311H5,GGR325H5,365H5;HIS311Y5/HIS311H5; POL302Y5,

327Y5/375H5,340Y5,343Y5, 475H5 D. 1.0 credit from:

ECO400Y5/412Y/433H5/435H5/436H5/439Y5/456H5/460H5/461H5/463H5; a 400-level language course. The following 400-level St. George courses will also fulfill this requirement: ECO419H1, 459H1; POL454Y1 or a 400-level course from a cognate discipline approved by the faculty advisor. Eligible Language components available at U of T Mississauga: French: FSL205Y5, FSL305Y5, FSL405H5, FSL406H5, FSL466H. NOTE: Students exempted from lower level courses may replace them with a higher level language courses in FRE (FRE283H5, FRE382H5, FRE383H5) German: GER100Y5, 200Y5, 300Y5, 330H5, 370H5 (300/400 level German courses not always available at UTM.) Italian: ITA100Y5, 200Y5, 231H5, 232H5, 315Y5, 350Y5, 371Y5, 413Y5, 437Y5, 420Y5 Spanish: SPA100Y5, 220Y5, 259H5, 320Y5, 323H5 Chinese: CHI100Y5, 200Y5 (or CHI201Y5/(CHI201H5,CHI202H5)), 301Y5, 310H5, 311H5, 408H5 Note: Other languages can be considered with the approval of the Department. Students without pre- and co-requisites or written permission of the instructor can be deregistered from courses at any time.

After: A. 7.0 credits are required from the following list: ECO100Y5; MAT133Y5/134Y5/135Y5; ECO200Y5/204Y5/206Y5, 202Y5/208Y5/209Y5,220Y5/227Y5,364H5,365H5; POL208Y5 B. 4.0 language credits in the same discipline. C. 3.0 credits from:

ENV311H5,GGR325H5,333H5,365H5;HIS311Y5/HIS311H5;

POL302Y5,327Y5/375H5,340Y5,343Y5, 475H5 D. 1.0 credit from:

ECO400Y5/406H5/411H5/412Y5/433H5/435H5/436H5/439Y5/456H5/460H5/461H5/463H5; a 400-level language course. The following 400-level St. George courses will also fulfill this requirement: ECO419H1, 459H1; POL454Y1 or a 400-level course from a cognate discipline approved by the faculty advisor. Eligible Language components available at U of T Mississauga: French: FSL205Y5, FSL305Y5, FSL405H5, FSL406H5, FSL466H. NOTE: Students exempted from lower level courses may replace them with a higher level language courses in FRE (FRE283H5, FRE382H5, FRE383H5) German: GER100Y5, 200Y5, 300Y5, 330H5, 370H5 (300/400 level German courses not always available at UTM.) Italian: ITA100Y5, 200Y5, 231H5, 232H5, 315Y5, 350Y5, 371Y5, 413Y5, 437Y5, 420Y5 Spanish: SPA100Y5, 220Y5, 259H5, 320Y5, 323H5 Chinese: CHI100Y5, 200Y5 (or CHI201Y5/(CHI201H5,CHI202H5)), 301Y5, 310H5, 311H5, 408H5 Note: Other languages can be considered with the approval of the Department. Students without pre- and co-requisites or written permission of the instructor can be deregistered from courses at any time.

Program #8 ERSPE1425 Environmental Management (Arts)

Rationale for change:

Before:

Second Year: 4.5 credits

- Environmental Management Core: ENV201H5
- Environmental Policy Core: JPE250Y5

- Social Science/Humanities Core: 1.0 credits chosen from this list: **ANT241Y5**; ENG259H5; ENV205H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR265H5, GGR267H5, GGR287H5, GGR288H5; PHL274H5, PHL284H5

- Science Core: 1.0 credit chosen from this list: ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5, ERS202H5, ERS203H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;

- Quantitative, Digital, and Analytical Methods Core: 1.0 credit chosen from this list: GGR272H5, GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5, STA221H5

After:

Second Year: 4.5 credits

- Environmental Management Core: ENV201H5
- Environmental Policy Core: JPE250Y5

- Social Science/Humanities Core: 1.0 credits chosen from this list: **ANT241H5**; ENG259H5; ENV205H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR265H5, GGR267H5, GGR287H5, GGR288H5; PHL274H5, PHL284H5

- Science Core: 1.0 credit chosen from this list: ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5, ERS202H5, ERS203H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;

- Quantitative, Digital, and Analytical Methods Core: 1.0 credit chosen from this list: GGR272H5, GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5, STA221H5

Program #9 ERSPE1704 Commerce: Accounting (BCom)

Rationale for change: Updated ECO writing requirements per feedback from Economics Department after they had re-assessed which courses likely fulfill said requirements.

Before:

Writing Requirements Writing Requirements (2.0 credit) from:

ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/ **324Y5/ 333Y5**/336Y5/
343H5/ 344H5/373Y5/ 399Y5/ 318H5/ 406H5/ 411H5/ **433H5**/435H5/ **439Y5**/456H5/

463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI
Writing courses must be in the English Language.

After:

Writing Requirements Writing Requirements (2.0 credit) from:

ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/ 336Y5/ 373Y5/ 399Y5/ **412Y5/ 433Y5/ 439Y5/** 318H5/ **343H5/ 344H5/ 352H5/** 406H5/ 411H5/ 435H5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI
Writing courses must be in the English Language.

Program #10 ERSPE1882 Human Resource Management

Rationale for change:

1) Students completing the Human Resource Management program need to complete 1.5 electives in upper year from a selection of courses of which 4 are upper year SOC courses. Encouraging students to complete SOC100H5 would allow them to have the option of enrolling in these upper SOC courses to fulfill their program requirement. 2) MAT133Y5 change was approved in prior Curriculum Committee meeting. The change in the calendar is to more accurately reflect who the requirement applies for.

Before:

Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses:

ECO100Y5 (63%); MGM101H5 (63%); MGM102H5 (63%); MAT133Y5/MAT135Y5 (50%) in a minimum of 4.0 credits.

- Cumulative Grade Point Average (CGPA):

Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.

- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits

Students applying to Management with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.

- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POST request periods in March/April. Contact Management Department for dates.

First Year (3.0 ~~credits~~) MGM101H5; MGM102H5; ECO100Y5; ~~MAT133Y5/135Y5~~ (or equivalent)

After:

Limited Enrolment: **Note: The following enrolment requirements will be in effect for students enrolling in Spring 2019. For students enrolling in the Spring 2018 enrolment period, consult the requirements stated in the 2017-18 Calendar.** Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses:

ECO100Y5 (63%); MGM101H5 (63%); MGM102H5 (63%); MAT133Y5/MAT135Y5 (50%) in a minimum of 4.0 credits.

- Cumulative Grade Point Average (CGPA):

Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.

- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits

Students applying to Management with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.

- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POST request periods in March/April. Contact Management Department for dates.

First Year **For students who began studies prior to September 2018 (2.0 credits):**
MGM101H5; MGM102H5; ECO100Y5

For students who began studies in September 2018 and onwards (3.0 credits): MGM101H5;

MGM102H5; ECO100Y5; MAT133Y5/MAT135Y5 (or equivalent)

It is recommended that students interested in pursuing this program consider completing SOC100H5 to ensure access to some upper year SOC courses to fulfill the 1.5 Electives Program Requirement listed below.

Program #11 ERSPE2034 Commerce: Finance (BCom)

Rationale for change: 1) There is currently a requirement for Finance Specialists to complete 2.0 4th Year Finance courses from a list of Finance courses. MGT440H5 Fixed Income Markets and MGT441H5 Financial Modeling have now been included in this list of options for Finance Specialist students to consider as they would be just as relevant as the other Finance courses currently included in said list. 2) Updated ECO writing requirements per feedback from Economics Department after they had re-assessed which courses likely fulfill said requirements.

Before:

Higher Years Management (7.5 credits):

- MGT220H5, 252H5, 262H5
- 1.5 credits from: MGT223H5, 353H5, 363H5, 371H5, 374H5, 393H5
- MGT330H5, 338H5, 339H5
- 2.0 credits from: MGT430H5, 431H5, 433H5, 434H5, 435H5, 438H5, **439H5**
- Additional 0.5 credit in MGT at 200/300/400 level (cannot double count courses)
- Additional 0.5 credit in MGT at 400 level (cannot double count courses)

Economics (5.0 credits):

- ECO200Y5/204Y5/206Y5, ECO202Y5/208Y5/209Y5
 - ECO220Y5/227Y5, ECO375H5
 - Additional 1.5 credits in ECO at 300/400 level (cannot double count courses), at least one credit must be from: ECO349H5, 365H5, 475H5, 460H5, 461H5, 463H5
- Writing Requirements (2.0 credits) ANT204H5; CLA (except 201H5); 1.0 credits of (ECO320Y5/ 322Y5/ 323Y5/ **324Y5/ 333Y5/** 336Y5/ 318H5/ 343H5/ 344H5/ **373Y5/ 399Y5/** 406H5/ 411H5/ **433H5/** 435H5/ **439Y5/** 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI
- Writing courses must be in the English language.

After:

Higher Years Management (7.5 credits):

- MGT220H5, 252H5, 262H5
- 1.5 credits from: MGT223H5, 353H5, 363H5, 371H5, 374H5, 393H5
- MGT330H5, 338H5, 339H5
- 2.0 credits from: MGT430H5, 431H5, 433H5, 434H5, 435H5, 438H5, **439H5, 440H5, 441H5**
- Additional 0.5 credit in MGT at 200/300/400 level (cannot double count courses)
- Additional 0.5 credit in MGT at 400 level (cannot double count courses)

Economics (5.0 credits):

- ECO200Y5/204Y5/206Y5, ECO202Y5/208Y5/209Y5
 - ECO220Y5/227Y5, ECO375H5
 - Additional 1.5 credits in ECO at 300/400 level (cannot double count courses), at least one credit must be from: ECO349H5, 365H5, 475H5, 460H5, 461H5, 463H5
- Writing Requirements (2.0 credits) ANT204H5; CLA (except 201H5); 1.0 credits of (ECO320Y5/ 322Y5/ 323Y5/ 336Y5/ **373Y5/ 399Y5/ 412Y5/ 433Y5/ 439Y5/** 318H5/ 343H5/ 344H5/ **352H5/** 406H5/ 411H5/ 435H5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI
- Writing courses must be in the English language.

Program #12 ERSPE2273 Commerce (BCom)

Rationale for change: Updated ECO writing requirements per feedback from Economics Department after they had re-assessed which courses likely fulfill said requirements.

Before:

Writing Requirements (2.0 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/
324Y5/ 333Y5/ 336Y5/ **343H5/ 344H5/** 373Y5/ 399Y5/ 318H5/ 406H5/ 411H5/ **433H5/**
435H5/ **439Y5/** 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5,
247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI.
Writing courses must be in the English language.

After:

Writing Requirements (2.0 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/
336Y5/ 373Y5/ 399Y5/ **412Y5/ 433Y5/ 439Y5/** 318H5/ **343H5/ 344H5/ 352H5/**
406H5/ 411H5/ 435H5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5,
247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI.
Writing courses must be in the English language.

Program #13 ERSPE2380 Commerce: Marketing (BCom)

Rationale for change: Updated ECO writing requirements per feedback from Economics Department after they had re-assessed which courses likely fulfill said requirements.

Before:

Writing Requirements: (2 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/
324Y5/ 333Y5/ 336Y5/ **343H5/ 344H5/** 373Y5/ 399Y5/ 318H5/ 406H5/ 411H5/ **433H5/**
435H5/ **439H5/** 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5,
247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI
Writing credits must be in the English language.

After:

Writing Requirements: (2 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/
336Y5/ 373Y5/ 399Y5/ **412Y5/ 433Y5/ 439Y5/** 318H5/ **343H5/ 344H5/ 352H5/**
406H5/ 411H5/ 435H5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5,
247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI
Writing credits must be in the English language.

Program #14 ERSPE2431 Management

Rationale for change: MAT133Y5 change was approved in prior Curriculum Committee meeting. The change in the calendar is to more accurately reflect who the requirement applies for.

Before:

Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:
- Prerequisite Courses: ECO100Y5 (63%); MGM101H5 (63%); MGM102H5 (63%); MAT133Y5/MAT135Y5 (50%) in a minimum of 4.0 credits.
- Cumulative Grade Point Average (CGPA) Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.
- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits Students applying to Management with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.
- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POST request periods in March/April. Contact Management Department for dates.
First year (3.0 ~~credits~~) MGM101H5; ~~MGT102H5~~; ECO100Y5; MAT133Y5/MAT135Y5 (or equivalent)

After:

Limited Enrolment: Enrolment **Requirements:**
Note: The following enrolment requirements will be in effect for students enrolling in Spring 2019. For students enrolling in the Spring 2018 enrolment period, consult the requirements stated in the 2017-18 Calendar. Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses: ECO100Y5 (63%); MGM101H5 (63%); MGM102H5 (63%); MAT133Y5/MAT135Y5 (50%) in a minimum of 4.0 credits.
- Cumulative Grade Point Average (CGPA) Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.
- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits Students applying to Management with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.
- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POST request periods in March/April. Contact Management Department for dates.

First year **For students who began studies prior to September 2018 (2.0 credits):**
MGM101H5; MGM102H5; ECO100Y5

For students who began studies in September 2018 and onwards (3.0 credits): MGM101H5;
MGM102H5; ECO100Y5; MAT133Y5/MAT135Y5 (or equivalent)

Program #15 Combined Specialist in Environmental Management and MScSM

Rationale for change:

Before:

Second Year

- Environmental Management Core: ENV201H5
- Environmental Policy Core: JPE250Y5
- Social Science/ Humanities Core: 1.0 credits chosen from this list: **ANT241Y5**; ENG259H5; ENV205H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR265H5, GGR267H5, GGR287H5, GGR288H5; PHL274H5, PHL284H5
- Science Core: 1.0 credit chosen from this list: ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5, ERS202H5, ERS203H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;
- Quantitative, Digital, and Analytical Methods Core: 1.0 credit chosen from this list: GGR272H5, GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5, STA221H5

After:

Second Year

- Environmental Management Core: ENV201H5
- Environmental Policy Core: JPE250Y5
- Social Science/ Humanities Core: 1.0 credits chosen from this list: **ANT241H5**; ENG259H5; ENV205H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR265H5, GGR267H5, GGR287H5, GGR288H5; PHL274H5, PHL284H5
- Science Core: 1.0 credit chosen from this list: ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5, ERS202H5, ERS203H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;
- Quantitative, Digital, and Analytical Methods Core: 1.0 credit chosen from this list: GGR272H5, GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5, STA221H5

Program #16 Combined Major in Environmental Management and MScSM

Rationale for change:

Before:

Second Year

- Environmental Management Core: ENV201H5
- Environmental Policy Core: JPE250Y5
- Social Science/ Humanities Core: 0.5 credit chosen from this list: **ANT241Y5**; ENG259H5; ENV205H5, GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR265H5, GGR267H5, GGR287H5, GGR288H5; JPE250Y5; PHL274H5, PHL284H5
- Science Core: 0.5 credit chosen from this list: ANT214H5, BIO201H5, BIO205H5, BIO211H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;
- Quantitative, Digital, and Analytical Methods Core: 0.5 credit chosen from this list: GGR272H5, GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5; or another program-relevant 200/300-level research methods course, with permission of the Program Advisor

After:

Second Year

- Environmental Management Core: ENV201H5

- Environmental Policy Core: JPE250Y5

- Social Science/ Humanities Core: 0.5 credit chosen from this list: **ANT241H5**; ENG259H5; ENV205H5, GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR265H5, GGR267H5, GGR287H5, GGR288H5; JPE250Y5; PHL274H5, PHL284H5

- Science Core: 0.5 credit chosen from this list: ANT214H5, BIO201H5, BIO205H5, BIO211H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;

- Quantitative, Digital, and Analytical Methods Core: 0.5 credit chosen from this list: GGR272H5, GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5; or another program-relevant 200/300-level research methods course, with permission of the Program Advisor

New Courses

Course #1 CCT273H5 Professional Practice and Employability (SSc)

Description:	This professional practice course provides students with basic skills in professional communication, acumen, and problem solving that will help them develop personally and professionally. [24L]
Prerequisite:	70% in CCT110H5 or WRI203H5, departmental approval.
Rationale:	This course is included as part of the 2.0 credits required for the new ICCIT Work-Integrated Certificate Program (upon governance approval). The certificate will respond directly to UTM's academic goal to enhance student experiential learning opportunities and ICCIT program learning outcomes through a specific set of objectives that focus on professionalism, autonomy and career readiness. The course will help students acquire professional communication skills, develop reflective practices and increase their understanding of possible careers within their field of study.
No. Hours Instruction:	[24L]
Offered at St George:	No
Revived Course:	No

Course #2 CCT373H5 Career Planning and Development (SSc)

Description:	In this course, students will learn about various challenges that new graduates, future managers, and future executives will face in the workplace. Students will use past workplace experiences to reflect on, and critically examine the theoretical and practical strategies that will help them develop as autonomous decision makers, and learn to evaluate and articulate their strengths in preparation for post-graduation careers. [24L]
Exclusion:	CCT473H5
Prerequisite:	CCT273H5
Rationale:	This course is part of the 2.0 credit requirement for the Certificate in Work-Integrated Learning in ICCIT. The course will focus on the integration of workplace experiences with the student's program of study.
No. Hours Instruction:	[24L]
Offered at St George:	No
Revived Course:	No

Course #3 ECO345H5 Macroeconomics and the Labour Market (SSc)

Description:	This course aims to provide students with an overview of recent macroeconomic research on the labour market. Discussion includes theoretical models as well as empirical evidence. Topics include: search frictions, labour market flows, sorting, inequality, occupational mobility, human capital accumulation, and intergenerational mobility. [24L]
Exclusion:	Students who completed ECO352H5 Special Topics: Macroeconomics & the Labour Market are not eligible.
Prerequisite:	ECO200Y5/204Y5/206Y5, 202Y5/208Y5/209Y5, 220Y5/227Y5/ STA(250H1,256H5/257H5)/STA(256H5/257H5, 260H5/261H5) /STA(256H5/257H5,248H5/258H5)
Rationale:	Course migrated from Special Topics to permanent.
No. Hours Instruction:	24L
Offered at St George:	No
Revived Course:	No

Course #4 ECO351H5 Special Topics in Economics (SSc)

Description:	This course covers a special topic in Economics. Content relates to instructor's area of interest, thus the course varies in focus from year to year. Students require specific prerequisites for each course. Details are available from the academic advisor or departmental website. [24L] <i>Limited Enrolment</i>
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Rationale: Need additional course number for Special Topics half-courses (currently only 1 course code available).
No. Hours Instruction: 24L
Offered at St George: Yes
Revived Course: No

Course #5 MGT201H5 Coding for Business (SSc)

Description: Targeted to business students with little or no programming experience, the course provides an understanding of the role computation has in solving business problems and to help students be able to write small programs to accomplish practical tasks in the business world. [24L, 12P]
Rationale: Having fundamental coding skills has become increasingly important for business students. As business professionals are increasingly being expected to be able to analyze large quantities of data and create small programs to accomplish various business tasks, this course will ensure graduates have the skillsets necessary to complete said tasks.
No. Hours Instruction: 24L, 12P
Offered at St George: No
Revived Course: No

Course #6 SOC206H5 Introduction to the Sociology of Genocide (SSc)

Description: This lecture course will lead students through an in-depth consideration of why genocides occur. [24L]
Prerequisite: SOC100H5
Rationale: We have high demand and large waitlists for Soc 432 (Soc of Genocide)*this course will provide more opportunity for access, and serve as a pathway to a new, advanced course on Genocide and State Violence.
No. Hours Instruction: 24L
Offered at St George: No
Revived Course: No

Course #7 SOC306H5 Education and Social Control (SSc)

Description: This course explores the intersections of education and social control. In particular, we focus on moments when social control is evident in schooling, including how that control is used on some populations more than others. Topics include zero-tolerance policies, police/security presence in schools, education programming in prison, and the school-to-prison pipeline. [24L]
Prerequisite: SOC205H5/SOC231H5, SOC221H5, 0.5 SOC credit at the 200 level
Recommended Preparation: SOC224H5
Rationale: The rationale for this course is three-fold: first, it builds of the research interests of Jayne Baker and Jerry Flores (both of whom intend on alternating between teaching the course); second, it complements our current suite of courses, including the 200-level and 400-level education courses and existing criminology, law and society courses; third, it can †count‡ towards program credit requirements for both sociology and criminology, law and society majors and specialists.
No. Hours Instruction: 24L
Offered at St George: No
Revived Course: No

Course #8 SOC327H5 Drugs and the Modern World (SSc)

Description: The course examines how "drugs", as well as attempts to police and control their use, have been implicated in the making of the modern world. Instead of taking drugs as inherently criminal and deviant, the course will look at how drugs have played a central role in the development of capitalism, colonialism and global inequality in the past 200 years. [24L]

Prerequisite:	SOC205H5/SOC231H5, SOC209H5, SOC221H5
Rationale:	The course complements the course SOC328H5 Drugs in the City by looking at the subject of the problematics of drugs and its social context from a macro-historical and international perspective. It generally is relevant for understanding of several topics in Criminology, as attempts to control certain drugs them have been central to the development of systems of punishment in modern and contemporary societies. Such a course can show students, for instance, to think of "crime" as not absolute but historically and socially contingent, as well as the relationship between crime definition and larger systems of inequality and social control. It also provides a "mainstreaming" of understanding of the issue of drugs as intimately connected to the formation and functioning of our contemporary world. From a sociologists' perspective, it is a site to look at the development of "modernity" -- a classical theme in the field -- from a different angle, linking for instance the intertwining between Protestantism, industrialization, racism and the temperance movement in Europe and North America; or the link between the slave trade and the consumption of sugar and coffee, or the link between colonialism, nationalism and the Opium War in China. From both fields' perspective, it allows us to link contemporary global trends in the field of geopolitics, interantional trade and crime control, by showing the way in which the drug economy and attempts to abolish it figure in, for instance the "war on terror" in different places, or in the relationship between the United States and various Latin American countries.
No. Hours Instruction:	24L
Offered at St George:	No
Revived Course:	No

Course #9 SOC343H5 Urban Sociology (SSc)

Description:	The course will introduce students to the core and cutting-edge scholarship in urban sociology. We will discuss theories and empirical studies related to the issue of urban politics, including the issues of food, housing, gentrification, and neighborhood change. Despite the focus on Canadian and American cities, this course also highlights global and transnational perspectives, such as immigrant experiences, ...ethnic— restaurants, and forces of globalization that are intricately tied to urban lives. This course aims to open this discussion about how we connect the micro-level of our social interactions, consumption, and daily lives to macro-levels of progress, global economic forces, politics and culture. [24L]
Exclusion:	SOC205H1; SOCB44H3
Prerequisite:	SOC205H5/SOC231H5, SOC221H5, 0.5 SOC credit at the 200 level
Rationale:	This would expand our course offerings, especially on social inequality, at the third year level
No. Hours Instruction:	24L
Offered at St George:	Yes
Revived Course:	No

Course #10 SOC351H5 Politics and Violence, Spot the Difference (SSc)

Description:	This course aims to develop a critical approach to the study of violence. We will examine the linkages between politics and crime, between violence and democracy and the political context of specific forms of violence, such as vigilantism, state, collective and, structural violence. [24L]
Exclusion:	SOC346H5F - Special Topics in Crime and Law: Politics and Violence: Spot the Difference 2017/18
Prerequisite:	SOC205H5/SOC231H5, SOC209H5, SOC221H5
Rationale:	This course draws on criminological, law and society, sociological and anthropological literature to develop an interdisciplinary and critical approach to the study of violence. There are no other courses currently on offer that utilize this approach. The course aims to encourage students to think critically about how violence is constructed as a political tool and how law and politics are bound up with violence. It is in a sense developing conversations that were started during discussions on critical criminology and critical legal studies – covered in Theories of Criminology; Introduction to Criminology, Law and Society; Deviance and Social Control and; Sociology of Law. It complements but does not duplicate already existing courses on Genocide and Memory and the Sociology of Genocide. It does not discuss violence in the mainstream criminological (and individualized) sense of the term. Nor does it seek to provide answers to the underlying causes of violence or to make normative recommendations for addressing it. As such it does not duplicate those courses that do.
No. Hours Instruction:	24L

Offered at St George: No
Revived Course: No

Course #11 SOC357H5 The Legal Profession (SSc)

Description: This course introduces the legal profession from a sociological perspective. Focussing on the social structure of the legal profession, the course draws on the sociology of professions and the sociology of law and covers topics such as the creation of the profession, competition from inside and outside, historical and modern challenges to professional boundaries, and structural transformations and shifts. The course will provide examples from global legal professions. It does not teach how to think like a lawyer, nor does it provide the perspective of legal practitioners, but instead it provides social science perspectives for understanding how the legal profession is organized, differentiated, and transformed over space and time. [24L]

Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5

Rationale: This new course and the revised SOC475 course would form a two-course sequence. This course provides a general overview of the comparative and historical literature on the legal profession, while SOC475 focuses on lawyers' careers. The two courses would give students who are interested in the sociology of work and professions, law school and the legal profession a rare opportunity to get both the breadth and depth of the sociological scholarship on lawyers as a profession. Offering a two course sequence would also give students more flexibility in taking a course on this topic in either the third year or the fourth year.

No. Hours Instruction: 24L

Offered at St George: No

Revived Course: No

Course #12 SOC400H5 Race, Class, Gender in the Global South (SSc)

Description: Three of the most fundamental cleavages in the contemporary world-economy are those between whites and people of colour, men and women, and capital and labour. This seminar course focuses on these cleavages and analyzes each through both an historical and global south perspective. [24S]

Exclusion: SOC444H5S - Advanced Topics in Sociology: Global Perspectives on Race, Class and Gender 2017-18

Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, completed at least 13.0 credits, P.I.

Rationale: The historical social sciences have become increasingly interested in places outside of Europe and North America, and this course adds to current department offerings to reflect that trend. As such, the course will provide students with an opportunity to focus on how race, class, and gender are articulated in societies outside of North America and Europe.

No. Hours Instruction: 24S

Offered at St George: No

Revived Course: No

Course #13 SOC401H5 Doing Public Sociology (SSc)

Description: In this seminar course, students learn to communicate insights based in sociological research to a broader audience, beyond the university. Student design and execute projects (essays, creating a podcast or video, and/or public speaking) on sociological topics of their choosing related to law and/or crime. The course also provides students with guidance on how to locate sociological research through library resources and how to incorporate that research into their public sociology projects. [24S]

Exclusion: SOC456H5S - Senior Seminar in Law and Society: How to Communicate about Law to Different Audiences 2017/18

Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5, 0.5 SOC credit at the 300 level, completed at least 13.0 credits, P.I.

Rationale: To put a successful special topics course officially onto the books.

No. Hours Instruction: 24S

Offered at St George: No

Revived Course: No

Course #14 SOC403H5 Prisons, Punishment & Surveillance Across the Globe (SSc)

Description: This seminar course will focus on possible solutions for issues related to prisons, punishment and surveillance across the globe. Along with this surveillance you have a rise in prisons and other forms of state sponsored punishment. [24S]

Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5, 0.5 SOC credit at the 300 level, completed at least 13.0 credits, P.I.

Rationale: This course will build on the intro to CLS and intro to prisons course. It will help students tie information from these two courses to issues of prisons, punishment and surveillance in various parts of the world.

No. Hours Instruction: 24S

Offered at St George: No

Revived Course: No

Course #15 WRI378H5 Introduction to Journalism (SSc)

Description: This course provides an introduction to journalism and examines journalism's role in a democratic society. Students learn the fundamentals of journalistic writing, with a focus on news and reporting. The course examines news formats and styles, sources, interviews, research, structure, and other fundamentals. The course functions as a newsroom, with students producing several reported articles throughout the term, and includes guest talks and workshops with practicing journalists. [24L]

Prerequisite: 1.0 WRI credit

Rationale: After two faculty members taught WRI430H5 Journalistic Investigation over three years, it was agreed that students did not have basic journalistic skills needed to take this course and an introductory course was needed that covers basic journalistic skills. Students who take this course can then go on to take WRI430H5, a fourth-year course where they will practice more advanced feature writing.

No. Hours Instruction: 24L

Offered at St George: No

Revived Course: No

Courses - Resource Implications

Course #2 ANT241H5 Anthropology and the Indigenous Peoples of Turtle Island (North America)

Resource implications: none

Course #3 ANT335H5 Anthropology of Gender

Resource implications: none

Course #4 ANT368H5 World Religions and Ecology

Resource implications: none

Course #5 ANT370H5 Environment, Culture and Film

Resource implications: none

Course #6 ANT463H5 Anthropologies of Water: On Meaning, Value, and Futures

Resource implications: none

Course #7 ANT464H5 The End of Coal: An Ethnographic Approach

Resource implications: none

Course #8 CCT218H5 Introduction to Information and Society

Resource implications: None

Course #9 CCT261H5 Information Architecture and Usability (DEM)

Resource implications: TA Resource Implications.

Course #10 CCT273H5 Professional Practice and Employability

Resource implications: None. Current faculty will teach this course.

Course #11 CCT302H5 Developing and Managing Communication Campaigns and Projects

Resource implications: None

Course #12 CCT304H5 Visual Communication and Digital Environments

Resource implications: None

Course #13 CCT320H5 Communication, Technology, and Social Change

Resource implications: None

Course #14 CCT335H5 Technology and the City

Resource implications: TA resource implications.

Course #15 CCT336H5 Comics and Digital Culture (SH)

Resource implications: None

Course #16 CCT361H5 Scripting for Management (DEM)

Resource implications: TA Resource Implications.

Course #17 CCT373H5 Career Planning and Development

Resource implications: None. Current faculty will teach this course.

Course #18 CCT419H5 Exploring User Experience, Cultural Theory and Gamification through Board Games

Resource implications: None

Course #19 CCT461H5 Inside Emerging Technologies (DEM)

Resource implications: TA Resource Implications

Course #20 ECO204Y5 Microeconomic Theory and Applications (for Commerce)

Resource implications: none

Course #21 ECO303H5 World Economic History After 1914

Resource implications: none.

Course #22 ECO324H5 Economic Development

Resource implications: None. Does not impact faculty teaching loads.

Course #23 ECO333H5 Urban Economics

Resource implications: None. Does not impact faculty teaching loads.

Course #24 ECO345H5 Macroeconomics and the Labour Market

Resource implications: None - this was a special topics course being made into a permanent course, so it is already within existing faculty teaching load. No change to TA requests.

Course #25 ECO349H5 Money, Banking & Financial Markets

Resource implications: none.

Course #26 ECO351H5 Special Topics in Economics

Resource implications: None. This is a special topics course "shell" (no impact on teaching load/faculty).

Course #27 ECO353H5 Special Topics in Economics

Resource implications: None. Does not impact faculty teaching loads.

Course #28 ECO375H5 Applied Econometrics I

Resource implications: None - based on actual practice.

Course #29 ECO439H5 The Economics of Cities & Regions: Productivity, Technology & Jobs

Resource implications: None. Does not impact faculty teaching loads.

Course #30 ECO440H5 Advanced Topics in Financial Economics

Resource implications: Not applicable.

Course #31 IMI203H5 Essentials of Accounting: Financial & Managerial

Resource implications: Resources implications are minimal (12 TA Hours) and have been submitted to the Dean's Office.

Course #32 MAT133Y5 Calculus and Linear Algebra for Commerce

Resource implications: None.

Course #33 MGM320H5 Financial Statement Analysis and Interpretation

Resource implications: None.

Course #34 MGT201H5 Coding for Business

Resource implications: Pending resource implication approval.

Course #35 MGT330H5 Investments

Resource implications: None.

Course #36 MGT423H5 Canadian Income Taxation I

Resource implications: None.

Course #37 MGT438H5 Futures and Options Markets

Resource implications: None.

Course #38 MGT439H5 International Finance

Resource implications: None.

Course #39 MGT441H5 Financial Modeling

Resource implications: None as practicals are still taught by the instructor.

Course #40 SOC100H5 Introduction to Sociology

Resource implications: None

Course #41 SOC206H5 Introduction to the Sociology of Genocide

Resource implications: Proposed course will be taught by existing full-time faculty (Erik Schneiderhan) and will require TA support.

Course #42 SOC306H5 Education and Social Control

Resource implications: Proposed course will be taught by new and existing full-time faculty (Jerry Flores and Jayne Baker) and will require TA support.

Course #43 SOC325H5 Law and Social Theory

Resource implications: None due prereq change.

Course #44 SOC327H5 Drugs and the Modern World

Resource implications: Proposed course will be taught by existing full-time faculty (Luisa Schwartzman et al) and will require TA support.

Course #45 SOC343H5 Urban Sociology

Resource implications: Proposed course will be taught by existing full-time faculty (Hae Yeon Choo) and will require TA support.

Course #46 SOC351H5 Politics and Violence, Spot the Difference

Resource implications: Proposed course will be taught by new full-time faculty (Gail Super) and will require TA support.

Course #47 SOC357H5 The Legal Profession

Resource implications: Proposed course will be taught by new and existing full-time faculty (Sida Liu and Ronit Dinovitzer) and will require TA support.

Course #48 SOC400H5 Race, Class, Gender in the Global South

Resource implications: Proposed course will be taught by new full-time faculty (Kristin Plyss).

Course #49 SOC401H5 Doing Public Sociology

Resource implications: Proposed course will be taught by existing full-time faculty (Ellen Berrey)

Course #50 SOC403H5 Prisons, Punishment & Surveillance Across the Globe

Resource implications: Proposed course will be taught by new full-time faculty (Jerry Flores)

Course #51 SOC404H5 Special Topics in Social Policy

Resource implications: None, description change only

Course #52 SOC410H5 Senior Seminar in Inequality

Resource implications: None, prereq change only

Course #53 SOC411H5 Senior Seminar in Social Institutions

Resource implications: None, prereq change only

Course #54 SOC412H5 Senior Seminar in the Sociology of Work

Resource implications: None, prereq change only

Course #55 SOC413H5 Senior Seminar in the Sociology of Gender

Resource implications: None, prereq change only

Course #56 SOC414H5 Senior Seminar in Political Sociology

Resource implications: None, prereq and description change only

Course #57 SOC416H5 Senior Seminar in the Sociology of Culture

Resource implications: None, prereq change only

Course #58 SOC417H5 Senior Seminar in the Sociology of Globalization

Resource implications: None, prereq change only

Course #59 SOC418H5 Senior Seminar in the Sociology of Health

Resource implications: None, prereq change only

Course #60 SOC429H5 Disability, Politics and Society

Resource implications: None, description change only

Course #61 SOC432H5 Contemporary Issues in Genocide and State Violence

Resource implications: None, description change only

Course #62 SOC450H5 Walls to Bridges: Carceral Seminar

Resource implications: None; no impact from prereq and description change, and course was being run with 36s (not 24s) previously.

Course #63 SOC475H5 Sociology of Legal Careers

Resource implications: None, name/description changes only

Course #64 WRI365Y5 Editing: Principles and Practice

Resource implications: Taught by faculty. No TA support.

Course #65 WRI378H5 Introduction to Journalism

Resource implications: None. Will be taught by faculty.

Course #66 WRI392H5 Communicating Research

Resource implications: None

Course #67 WRI430H5 Journalistic Investigation

Resource implications: None

Course #68 utm111H5 utmONE: Tools of the Trade

Resource implications: none

Course #69 utm112H5 utmONE: Power of Expression

Resource implications: none

Course #70 utm114H5 utmONE: Technology and Innovation: Historical, Social and Economic Perspectives

Resource implications: none

Course #71 utm115H5 utmONE: Communication Among Cultures

Resource implications: none

Course #72 utm116H5 utmONE: Happiness

Resource implications: none

Course #73 utm118H5 utmONE: Science of Learning

Resource implications: none

Course #74 utm197H5 utmONE Scholars: Humans in Nature: Interactions and Impacts

Resource implications: none

Deleted Courses

Course #1 ANT401H5 Vocal and Visual Communication

Rationale: The course has not been taught for many years, and will not be taught in the future. It was put on the books by a professor who has left UTM years ago.

Course #2 CCT209H5 Foundations of Information Studies

Rationale: This course has not been offered in many years and does not fit into our program structures any longer.

Course #3 ECO318H5 Social and Economic Determinants of Labour Market Outcomes

Rationale: Faculty member resignation

Course #4 ERI203H5 Introduction to Scholarly Research

Rationale: Course has not been offered in the last 5+ years.

Course #5 ERI260H5 Organizational Behaviour

Rationale: Course has not been offered in the last 5+ years.

Course #6 ERI360H5 Compensation

Rationale: Course has not been offered in the last 5+ years.

Rewighted Courses

Course #1 ECO324H5 Economic Development

Before: *ECO324Y5*

After: *ECO324H5*

Rationale: Re-weighted from Y to H.

Based on past enrolment as well as curriculum review, the Dept is moving towards half-course offerings at 300/400 level in order to give students more course options, and provide greater flexibility to the faculty members/Dept.

Course #2 ECO333H5 Urban Economics

Before: *ECO333Y5*

After: *ECO333H5*

Rationale: Re-weighted course from Y to H.

Based on past enrolment as well as curriculum review, the Dept is moving towards half-course offerings at 300/400 level in order to give students more course options, and provide greater flexibility to the faculty members/Dept.

Course #3 ECO353H5 Special Topics in Economics

Before: *ECO353Y5*

After: *ECO353H5*

Rationale: Change from Y to H course

Special Topics are typically offered as H courses (not Y). The Department already has one Y course for Special Topics, and additional course numbers are needed for H courses.

Course #4 ECO439H5 The Economics of Cities & Regions: Productivity, Technology & Jobs

Before: *ECO439Y5*

After: *ECO439H5*

Rationale: Re-weighted from Y to H.

Based on past enrolment as well as curriculum review, the Dept is moving towards half-course offerings at 300/400 level in order to give students more course options, and provide greater flexibility to the faculty members/Dept.

Course #5 WRI365Y5 Editing: Principles and Practice

Before: *WRI365H5*

After: *WRI365Y5*

Rationale: Currently a half course, this intensive course on language editing would work better as a full year course. The instructor will have more time to cover and reinforce concepts and to apply skills to different forms of writing, texts, and publications. Students will have more time to work on their final group projects, a manuscript for a book on editing that draws on examples from their experiences editing their own and their peers' writing. Former students of this course have reported, both on course evaluations and via word-of-mouth, that the workload is heavy. Students need more time to learn and practice applying tools required for professional-level content editing, stylistic editing, copyediting, and proofreading.

Courses - Description Changes

Course #2 ANT241H5 Anthropology and the Indigenous Peoples of Turtle Island (North America)

Before: ~~Overview of the prehistory, ethnohistory, and ethnology of aboriginal cultures, exploring kinship, social organization, political structure, trade relations, economics, technology, art and religion. [48L]~~

After: This course will examine the relationship between the field of anthropology and Indigenous people of Turtle Island (i.e. North America). We will examine the past, present, and future manifestations of this relationship. This course will emphasize Indigenous, decolonial, and community scholars. Students will be encouraged to think critically and reflect on their own world views. [24L]

Rationale: This course has been in the anthropology curriculum as "Aboriginal Peoples of North America", but it has not been taught for many years. The course traditionally was a survey course of the Indigenous groups across the continent. This new revision will update the course content in order to respond to the issues of Indigeneity in a Post-Secondary environment. This coincides with the University of Toronto's response to the Truth and Reconciliation Calls to Action on Education. This course revision will include participation from Indigenous communities and scholars.
RATIONALE for Contact Hours change: Last year, this course was changed from a "Y" to an "H" in order to be consistent with all our courses being a half-year "H" course. We missed changing the contact hours from [48L] to [24L].

Course #3 ANT463H5 Anthropologies of Water: On Meaning, Value, and Futures

Before: ~~class="title2">Limited Enrolment and Application Process: see Anthropology department website for more details.~~

After:

Rationale: When the course was first added last year, the course description was too long. We are tightening it up this year. As well, we are deleted the notation on "Limited Enrollment and Application Process" to reflect what is actually being done in the department.

Course #4 ANT463H5 Anthropologies of Water: On Meaning, Value, and Futures

Before: ~~Fresh water has become one of the world's most sought after commodities and is said to soon replace oil in terms of its projected value. Scarce, increasingly polluted, and overused, water and the question of how we are to manage this precious resource has moved to center stage for politicians, financiers, bankers, development specialists, and activists all over the world. This class delves into the politics of water from an anthropological perspective through a set of readings that conceptualize water not only as resource but also as meaningful substance, symbol, and mediator of human and non-human relations. We ask how water is understood and managed – privately, as public good, as commons – and how these diverse ways of understanding and managing water have become intensely politicized. Class will consist mainly of discussions of ethnographic readings but also of hands-on class exercises and field trips. There will be at least one required field trip outside of class time (weekends and/or Reading Week) with additional travel costs that students will be required to pay through ancillary fees. See Anthropology department website for more details. In some years, students may additionally have the option of participating in an international learning experience during Reading Week that will have an additional cost and application process. [24S]~~

After: This class delves into the topic of water from an anthropological perspective by thinking of water not only as resource but also as meaningful substance, symbol, and mediator of human and non-human relations. Class will consist mainly of

discussions of ethnographic readings but also of hands-on class exercises, field-trips, and auto-ethnographic work. In some years, class might consist of one required field trip outside of class time (weekends and/or Reading Week) with additional travel costs that students will be required to pay through ancillary fees. See Anthropology department website for more details. In some years, students may additionally have the option of participating in an international learning experience during Reading Week that will have an additional cost and application process. [24S]

Rationale: When the course was first added last year, the course description was too long. We are tightening it up this year. As well, we are deleted the notation on "Limited Enrollment and Application Process" to reflect what is actually being done in the department.

Course #5 ANT464H5 The End of Coal: An Ethnographic Approach

Before: ~~"Coal is Dead"~~ is a phrase often heard these days, and yet it is quite emphatically not. While coal prices are plunging, countries like China are currently building ~~four~~ coal plants ~~a week.~~ ~~Even Germany, with its enticing promise of the "Energiewende" (Energy Transition) is building new plants and expanding old mines as it phases out nuclear energy.~~ Coal, in other words, is increasingly declared dead even as it is decidedly undead, raising the question of what social, political, cultural, and economic processes make this so-called transition so protracted and piece-meal. ~~Anthropology, which privileges holistic approaches to complex social problems and includes social and cultural in addition to political, economic, and technical factors in its analyses, offers unique tools for us to grasp the social life and afterlife of coal, its histories as a resource, as well as its slow death.~~ ~~Readings will include literature on the history of coal mining and workers' struggle, on how specific forms of resource extraction are foundational to our "carbon democracies," and on how mines have today become sites of hot contestation all over the world.~~ ~~Taken together, this~~ class offers a social and cultural approach to the protracted energy ~~transition and thus ventures deeply into the rapidly emerging field of the "energy humanities."~~ ~~There will~~ be at least one required field trip outside of class time (weekends and/or Reading Week) with additional travel costs that students will be required to pay through ancillary fees. See Anthropology department website for more details. In some years, students may additionally have the option of participating in an international learning experience during Reading Week that will have an additional cost and application process. [24S]

After: Coal is Dead is a phrase often heard these days, and yet it is quite emphatically not. While coal prices are plunging, countries like China are currently building new coal plants all over Africa. Coal, in other words, is increasingly declared dead even as it is decidedly undead, raising the question of what social, political, cultural, and economic processes make this so-called transition so protracted and piece-meal. This class thus offers a social and cultural approach to the protracted energy transition, asking how the study of coal offers insight into questions of history, politics, race, class, and gender. In some years, there might be at least one required field trip outside of class time (weekends and/or Reading Week) with additional travel costs that students will be required to pay through ancillary fees. See Anthropology department website for more details. In some years, students may additionally have the option of participating in an international learning experience during Reading Week that will have an additional cost and application process. [24S]

Rationale: When the course was first added last year, the course description was too long. We are tightening it up this year. As well, we are deleted the notation on "Limited Enrollment and Application Process" to reflect what is actually being done in the department.

Course #6 ANT464H5 The End of Coal: An Ethnographic Approach

Before: ~~class="title2">~~**Limited Enrolment and Application Process: see Anthropology department website for more details.**

After:

Rationale: When the course was first added last year, the course description was too long. We are tightening it up this year. As well, we are deleted the notation on "Limited Enrollment and Application Process" to reflect what is actually being done in the department.

Course #7 CCT320H5 Communication, Technology, and Social Change

Before: This course ~~offers students an opportunity to investigate the evolving relationship between cultural production, social order, and the development of communication technology.~~ Students will ~~critically assess~~ how ~~a wide variety of technological-mediated practices have brought about significant social changes by affecting community structures and notions of individual identity, facilitating cultural exchanges and misunderstandings, impacting public opinion, and enabling new modes of political organization and unrest.~~ ~~As part of that endeavour we~~ will ~~examine various~~ theories of ~~collective action, including collective behaviour theory, resource mobilization, new social movements, gift economies, and class struggle.~~ ~~These theoretical perspectives will be evaluated based on their potential to inform our understandings of historical and contemporary examples of communities of practice.~~ [24L]

After: This course explores how media and media technology have shifted the nature of the existing political and social orders. We will focus on how social movements and political challengers have used media to disrupt

and, in many cases, overthrow leaders, corporations, and governments. This will bring us in contact with theories of social movement mobilization, political communication, and digital media. We will also explore the ways that legacy and digital media have changed to be in service of misinformation and state repression.
[24L]

Rationale: The course description has been updated to address issues discussed in the course

Course #8 CCT335H5 Technology and the City

Before: Technology continues to reshape the physical contours of our built environments as much as it redefines our conceptualization of how we inhabit and interact within them. This course investigates how urban form, space, infrastructure and communication are mediated by new and evolving technologies.

After: Technology continues to reshape the physical contours of our built environments as much as it redefines our conceptualization of how we inhabit and interact within them. This course investigates how urban form, space, infrastructure and communication are mediated by new and evolving technologies. **[24L,11T]**

Rationale: After offering the course this past year we have come to the conclusion that a 2 hour lecture is not enough time to introduce students to material as many of them are not familiar with how technology intersects with the city.. The class is based on experiential learning getting students to go out into the city and engage with information and communication technological infrastructure and students would benefit from having time to discuss assignments in tutorials.

Course #9 CCT361H5 Scripting for Management (DEM)

Before: In this course students are introduced to programming languages regularly used in management operations. Students will learn what these languages are, when and why they are applied, and how to read and write basic scripting code. The goal of this course is to familiarize students with scripting so that they can communicate more effectively with programmers in business settings. **[36P]**

After: In this course students are introduced to programming languages regularly used in management operations. Students will learn what these languages are, when and why they are applied, and how to read and write basic scripting code. The goal of this course is to familiarize students with scripting so that they can communicate more effectively with programmers in business settings. **[24L, 12P]**

Rationale: Format of this course has been changed to 24L, 12P to follow the format of CCT261H5.

Course #10 CCT461H5 Inside Emerging Technologies (DEM)

Before: Emerging technologies have the potential to transform business models and architectures. In this course students learn the functional and technical underpinnings of selected emerging technologies and critically analyse how these technologies are impacting business functions. Students also gain hands-on experience with emerging technologies and consider how they may be applied or adapted to solve management issues. **[36P]**

After: Emerging technologies have the potential to transform business models and architectures. In this course students learn the functional and technical underpinnings of selected emerging technologies and critically analyse how these technologies are impacting business functions. Students also gain hands-on experience with emerging technologies and consider how they may be applied or adapted to solve management issues. **[24L, 12P]**

Rationale: Format of this course has been changed to [24L, 12P] to follow the format of CCT261H5 and CCT361H5.

Course #11 ECO204Y5 Microeconomic Theory and Applications (for Commerce)

Before: The course uses microeconomics to analyze a variety of issues from marketing and finance to organizational structure. Topics include consumer preferences and behaviour; demand, cost analysis and estimation; allocation of inputs, pricing and firm behaviour under perfect and imperfect competition; game theory and public policy, including competition policy. Business cases are used to connect theory and practice and to highlight differences and similarities between economics and accounting, marketing and finance. This course is restricted to students in the B.Com. program. [48L, **24T, 24P]**

After: The course uses microeconomics to analyze a variety of issues from marketing and finance to organizational structure. Topics include consumer preferences and behaviour; demand, cost analysis and estimation; allocation of inputs, pricing and firm behaviour under perfect and imperfect competition; game theory and public policy, including competition policy. Business cases are used to connect theory and practice and to highlight differences and similarities between economics and accounting, marketing and finance. This course is restricted to students in the B.Com. program. [48L, **24T]**

Rationale: Removal of PRA hours, based on actual practice.

Course #12 ECO324H5 Economic Development

Before: Economic development and transformation of the low-income countries of Latin America, Africa and Asia. Theory and policy analysis relating to the following economic issues in these countries: higher rates of economic growth, the role of the government in resource allocation, the industrial-agricultural sector interface, inward versus outward looking trade strategies, and the international debt problem. The following problems will also be addressed: food supply, domestic savings, tax revenue, foreign exchange, foreign direct investment, high rates of inflation, benefit-cost analysis and economic planning. **[48L]**

After: Economic development and transformation of the low-income countries of Latin America, Africa and Asia. Theory and policy analysis relating to the following economic issues in these countries: higher rates of economic growth, the role of the government in resource allocation, the industrial-agricultural sector interface, inward versus outward looking trade strategies, and the international debt problem. The following problems will also be addressed: food supply, domestic savings, tax revenue, foreign exchange, foreign direct investment, high rates of inflation, benefit-cost analysis and economic planning. **[24L]**

Rationale: Re-weighted from Y to H.

Course #13 ECO333H5 Urban Economics

Before: This is a course on the application of economic analysis to four major areas of urban activity. The areas are land markets, housing and buildings, transportation, and public finance. In each area, we will consider the role of the government and attempt to understand the source of many current urban economic problems. **[48L]**

After: This is a course on the application of economic analysis to four major areas of urban activity. The areas are land markets, housing and buildings, transportation, and public finance. In each area, we will consider the role of the government and attempt to understand the source of many current urban economic problems. **[24L]**

Rationale: Re-weighted course from Y to H.

Course #14 ECO353H5 Special Topics in Economics

Before: This course covers a special topic in Economics. Content relates to instructor's area of interest, thus the course varies in focus from year to year. Students require specific prerequisites for each course. Details are available from the student advisor or departmental website. **[48L]**

After: This course covers a special topic in Economics. Content relates to instructor's area of interest, thus the course varies in focus from year to year. Students require specific prerequisites for each course. Details are available from the student advisor or departmental website. **[24L]**

Rationale: Change from Y to H course

Course #15 ECO375H5 Applied Econometrics I

Before: (Formerly ECO327Y5) Introduction to econometrics. Statistical foundations and the interpretation of multiple regression models, with an emphasis on cross-sectional data. Application of regressions to a wide variety of economic questions and data sources, including the use of statistical software. Problems in the identification of causality, and an introduction to methods of addressing common statistical issues. [24L, **24T]**

After: (Formerly ECO327Y5) Introduction to econometrics. Statistical foundations and the interpretation of multiple regression models, with an emphasis on cross-sectional data. Application of regressions to a wide variety of economic questions and data sources, including the use of statistical software. Problems in the identification of causality, and an introduction to methods of addressing common statistical issues. [24L, **24P]**

Rationale: TUT held in computer labs. TUT hours changed to PRA hours, based on direction from Office of the Registrar.

Course #16 ECO439H5 The Economics of Cities & Regions: Productivity, Technology & Jobs

Before: Examination of the causes and the consequences of differences in economic outcomes across localities within a country. Despite all the talk about the "death of distance", geography matters more than ever. Regional differences within many countries have increased in the past decades, and where a person lives today has a very large impact on many aspects of his or her life. This course is a journey through the current economic landscape. We will explore places that are growing and places that are declining. For instance, we will discover why the labor market in New York and Boston has been so much better than the one in Detroit and Cleveland in the past 35 years. We will visit the industrial districts of Italy and study how knowledge diffuses among firms located near each other, and the implications for local productivity and innovation. We will study how British and Canadian local labor markets are affected by the fact that certain industries and occupations are dying. We will travel to Africa, and discuss the extent to which investment from Asia serves to catalyze economic development in Ethiopia's regional economies.

In doing so, we will try to understand the economic forces driving trends in wages, productivity and innovation across cities and regions. These are the forces that will define the geography of future jobs and will shape the economic destiny of local communities around the world. **[48L, 24T]**

After: Examination of the causes and the consequences of differences in economic outcomes across localities within a country.
Despite all the talk about the "death of distance", geography matters more than ever. Regional differences within many countries have increased in the past decades, and where a person lives today has a very large impact on many aspects of his or her life. This course is a journey through the current economic landscape. We will explore places that are growing and places that are declining. For instance, we will discover why the labor market in New York and Boston has been so much better than the one in Detroit and Cleveland in the past 35 years. We will visit the industrial districts of Italy and study how knowledge diffuses among firms located near each other, and the implications for local productivity and innovation. We will study how British and Canadian local labor markets are affected by the fact that certain industries and occupations are dying. We will travel to Africa, and discuss the extent to which investment from Asia serves to catalyze economic development in Ethiopia's regional economies. In doing so, we will try to understand the economic forces driving trends in wages, productivity and innovation across cities and regions. These are the forces that will define the geography of future jobs and will shape the economic destiny of local communities around the world. **[24L, 12T]**

Rationale: Re-weighted from Y to H.

Course #17 ECO440H5 Advanced Topics in Financial Economics

Before: Limited Enrolment. For further information please contact the Economics Academic **Counsellor.**

After: Limited Enrolment. For further information please contact the Economics Academic **Advisor.**

Rationale: Staff title update.

Course #18 IMI203H5 Essentials of Accounting: Financial & Managerial

Before: Financial accounting revolves around the preparation and understanding of financial statements, including income statements, and balance sheets which help management and other stakeholders understand the state of affairs within an organization. Managerial accounting provides management with information, analysis and reports that support management's decision making.

After: Financial accounting revolves around the preparation and understanding of financial statements, including income statements, and balance sheets which help management and other stakeholders understand the state of affairs within an organization. Managerial accounting provides management with information, analysis and reports that support management's decision making. **[24L, 12T]**

Rationale: 12 Tutorial hours added into the description to correctly communicate to students that this is an additional component of the course. Based on student feedback from the first time this course was taught in Fall 2017, tutorials would greatly increase a student's ability to master the theories and concepts covered in the course.

Course #19 MAT133Y5 Calculus and Linear Algebra for Commerce

Before: Mathematics of finance, matrices and linear equations. Review of differential calculus; applications. Integration and fundamental theorem; applications. Introduction to partial differentiation; applications. NOTE: This course cannot be used as the calculus prerequisite for any 200-level MAT or STA course, except in combination with MAT233H5. **[72L, 24T]**

After: Mathematics of finance, matrices and linear equations. Review of differential calculus; applications. Integration and fundamental theorem; applications. Introduction to partial differentiation; applications. NOTE: This course cannot be used as the calculus prerequisite for any 200-level MAT or STA course, except in combination with MAT233H5. **[80L, 24T]**

Rationale: 8-hour tests/quizzes time added to total lecture hours.

Course #20 MGT423H5 Canadian Income Taxation I

Before: This is the first of two courses in federal income tax law. It is designed to give the student a basic understanding of the Income Tax Act and its administration. This is achieved by applying the law to practical problems and cases. Topics covered include administration of the tax system, **residence**, employment income, business and property income, capital gains, other income and deductions, computation of taxable income and taxes payable for individuals. The GST/HST implications, where relevant, will also be discussed. The two course sequence (MGT423H5 and MGT429H5) have been designed to provide participants with coverage of the tax content required by the professional accounting bodies. **[24L, 12T]**

After:

This is the first of two courses in federal income tax law. It is designed to give the student a basic understanding of the Income Tax Act and its administration. This is achieved by applying the law to practical problems and cases. Topics covered include administration of the tax system, employment income, business and property income, capital gains, other income and deductions, computation of taxable income and taxes payable for individuals. The GST/HST implications, where relevant, will also be discussed. The two course sequence (MGT423H5 and MGT429H5) have been designed to provide participants with coverage of the tax content required by the professional accounting bodies. [24L, 12T]

Rationale: Residence was removed from description as it is now covered in MGT429H5 instead of MGT423H5.

Course #21 MGT441H5 Financial Modeling

Before: This course studies applications in corporate finance, investments and risk management. Finance lab software tools will be used to work through problems on topics such as Capital Budgeting and Valuation, Portfolio Analysis, Firm Valuation, Valuing Securities and Risk Management. **[24L]**

After: This course studies applications in corporate finance, investments and risk management. Finance lab software tools will be used to work through problems on topics such as Capital Budgeting and Valuation, Portfolio Analysis, Firm Valuation, Valuing Securities and Risk Management. **[24L, 12P]**

Rationale: 12 practical hours added into the description to correctly communicate to students that this is an additional component of the course. Practical hours were mistakenly not included in original submission into the Academic Calendar when the course was created.

Course #22 SOC100H5 Introduction to Sociology

Before:

After: ***As per Rosa Ciantar's email on June 19, 2018:
please continue to include SOCA01H3 and SOCA02H3 in the exclusions for
SOC100H5 for at least the next 5 years.***

Rationale: UTSC's SOCA01H3 and SOCA02H3 are discontinued courses, and has been replaced by SOCA03Y3 in 2017-2018. All 3 courses should appear under the exclusions.

Course #23 SOC325H5 Law and Social Theory

Before: This course ~~adopts a~~ socio-legal ~~analytical approach to explore new developments within law and society.~~ ~~Topics will vary from year to year. See department website for details.~~ [24L]

After: This course examines the writings on law-related topics in classical and contemporary social theories. At the intersection between socio-legal studies and sociological theory, the course traces how different generations of social theorists approach law, from classical theorists such as Montesquieu, Tocqueville, Marx, Durkheim, and Weber to contemporary socio-legal theorists across the world. [24L]

Rationale: The description is updated to shift from a placeholder course to a substantive topic in light of faculty growth.

Course #24 SOC404H5 Special Topics in Social Policy

Before: This lecture course will explore a particular area within Social Policy. Topics will vary from year to year. **See department website for details.** [24L]

After: This lecture course will explore a particular area within Social Policy. Topics will vary from year to year. [24L]

Rationale: Description updated to updated to reflect current information on topic title

Course #25 SOC414H5 Senior Seminar in Political Sociology

Before: This course offers an in-depth examination of selected topics in political sociology. **See department website for information about the current course.** [24S]

After: This course offers an in-depth examination of selected topics in political sociology. [24S]

Rationale: To align prereqs with other similar 400-level SOC courses
Removed inaccurate topic info from description

Course #26 SOC429H5 Disability, Politics and Society

- Before:** This course situates disability within a social and political context. We ~~will~~ focus on how disability ~~has served~~ as a basis ~~of~~ exclusion from social, ~~political~~, and economic ~~institutions, and~~ the ways in which actors have sought to undermine this system of discrimination. We will investigate a variety of themes including policy and judicial transformations, the evolution of the disability rights ~~movement~~, the ~~role~~ of disability ~~non-profit groups~~, and ~~collective identity~~. [24L]
- After:** This course situates disability within a social and political context. We focus on how disability serves as a basis for exclusion from social, legal, political and economic institutions as well as the ways in which actors (policymakers, activists, etc.) have sought to undermine this system of discrimination. We will investigate a variety of related themes including the social model of disability, policy and judicial transformations, the evolution of the disability rights movement (including the use of legal mobilization), disability identity, intersectionality, and the future of disability politics and the law. [24L]
- Rationale:** Description updated to reflect current course focus.

Course #27 SOC432H5 Contemporary Issues in Genocide and State Violence

- Before:** This lecture course will **lead** students **through an in-depth consideration** of **why** genocides **occur**. [24L]
- After:** This **advanced** lecture course will **provide** students **with the analytical tools necessary to engage in deep analysis** of **contemporary** genocides **and state violence**. [24L]
- Rationale:** We are adding an introductory course on the Sociology of Genocide at the 200-level, in order to meet high demand and satisfy wait-lists. The 400-level course will deal with advanced subject matter, focusing in more depth on theory and using those ideas to consider recent case studies.

Course #28 SOC450H5 Walls to Bridges: Carceral Seminar

- Before:** Based on the Walls to Bridges Program model, this seminar course matches a group of University of Toronto students ("outside" students) with an approximately equal number of incarcerated students ("inside" students) who study together as peers at an off-campus setting. Topics **will vary by instructor**, but **will often** revolve around questions of punishment, **prisons** and governance. **Most** class sessions **will be** held inside the institution (e.g., penitentiary, detention centre, halfway house, etc.). Inside and outside students **will** work together on small teams to develop and **then** present a final project. Interested students should submit an application to the Department of Sociology (see website for details). Preference given to eligible Criminology, Law and Society Specialists and **Majors. [24S]**
- After:** Based on the Walls to Bridges Program model, this seminar course matches a group of University of Toronto **Mississauga** students ("outside" students) with an approximately equal number of incarcerated students ("inside" students) who study together as peers at an off-campus setting. Topics vary **from term to term**, but revolve around questions of punishment, **prisons**, and governance. **All** class sessions **are** held inside the institution (e.g., penitentiary, detention centre, halfway house, etc.). Inside and outside students work together on small teams to develop and present a final project. Interested students should submit an application to the Department of Sociology (see website for details). Preference given to eligible Criminology, Law and Society Specialists and **Majors. [36S]**
- Rationale:** Changes required to reflect course structure and provide greater clarity for students.

Course #29 SOC450H5 Walls to Bridges: Carceral Seminar

- Before:**
- After:** Once students are accepted into this course they must pass a criminal record check (CPIC) to access the offsite location for classes. Students are advised to schedule approximately seven hours for class time (to allow time sufficient time for travel, institution check-in and -out in addition to the seminar time).
- Rationale:** Changes required to reflect course structure and provide greater clarity for students.

Course #30 SOC475H5 Sociology of Legal Careers

- Before:** This ~~lecture~~ course examines ~~law and society through the lens of the~~ legal ~~profession. Law represents~~ one of ~~our~~ most elite and influential ~~professions~~; lawyers are ~~responsible not only for the administration of justice, but also are~~ key players in ~~the country's economic~~ and ~~political~~ life. This course ~~will rely on empirical research to cover topics related to~~ law ~~school, where lawyers work~~ and the ~~work that they do~~. [24L]
- After:** This course examines legal careers from the sociological perspective. As one of the most elite and influential professions, lawyers are key players in economic, political, and social life. This course traces the various careers

of lawyers from their experiences in law school to their jobs in law firms, courts, and other professional settings. In so doing the course will also focus on structures of inequality, such as gender, race and class. [24L]

Rationale: Changes better reflect course focus.

Course #31 WRI365Y5 Editing: Principles and Practice

Before: Examines theory and practice of editing in a professional communications environment. The course will consider principles of editing and the editorial process as it applies to various forms of writing, from daily news, to magazines, books, web pages and blogs. Study will include examination of the building blocks of an editor's skills - grammar, spelling, syntax, punctuation - and the means employed by an editor working with a writer to achieve clarity, accuracy and immediate comprehension.

After: Examines theory and practice of editing in a professional communications environment. The course will consider principles of editing and the editorial process as it applies to various forms of writing, from daily news, to magazines, books, web pages and blogs. Study will include examination of the building blocks of an editor's skills - grammar, spelling, syntax, punctuation - and the means employed by an editor working with a writer to achieve clarity, accuracy and immediate comprehension. **[48L]**

Rationale: This course has been changed from an H course to a Y course.

Course #32 WRI392H5 Communicating Research

Before: ~~This course examines principles, procedures and practices of original research that culminate in writing. It is a practice-based course in which~~ students design and carry out writing ~~projects~~ through a series of research techniques. Students ~~will~~ learn to select and evaluate ~~available~~ information and ~~transform it into~~ content for an array of different ~~media, such as popular press, handbooks, and web.~~ A reading program ~~will expose you~~ to research-based ~~writing and help you develop the ability to analyze and think critically about it. The class will include use of scholarly databases, interview techniques, source selection, and retrieval and evaluation of expert and scientific information. You will produce a series of assignments that will help you develop~~ professional skills across different ~~media~~ and topics. [24L]

After: In this course, students design and carry out writing through a series of research techniques. Students learn to select and evaluate expert and scientific information from primary sources and produce content for an array of different media. A critical reading program exposes students to research-based writing. Assignments are aimed at developing professional skills across different forms and topics. [24L]

Rationale: This new description more accurately reflects the "communication" aspect of research based writing based on how faculty have been teaching the course over the last three years.

Course #33 utm111H5 utmONE: Tools of the Trade

Before: This course is an introduction to the common problem-solving tools used in the sciences and social sciences. It is designed to address the fundamental skills needed for comprehension and effective communication in these areas. The skills being addressed may include critical analysis of texts (primary literature, review papers, textbooks), use of databases to gather, manipulate and visualize data; interpretation and presentation of data; information gathering and writing skills (lab reports, critical essays); and oral presentations. Specific examples will be drawn from a variety of current research topics in both the sciences and social sciences. As part of this course students will participate in a series of tutorials that will ~~introduce~~ them ~~to essential elements of a holistic student experience~~ (such as ~~career exploration, health and wellness, and co-curricular engagement~~). [24L, 12T]

After: This course is an introduction to the common problem-solving tools used in the sciences and social sciences. It is designed to address the fundamental skills needed for comprehension and effective communication in these areas. The skills being addressed may include critical analysis of texts (primary literature, review papers, textbooks), use of databases to gather, manipulate and visualize data; interpretation and presentation of data; information gathering and writing skills (lab reports, critical essays); and oral presentations. Specific examples will be drawn from a variety of current research topics in both the sciences and social sciences. As part of this course students will participate in a series of tutorials that will help them build foundations for academic success (such as understanding the value of higher education, developing a growth mindset, and finding passion). [24L, 12T]

Rationale: Updated language to reflect the new ONE tutorial model.

Course #34 utm112H5 utmONE: Power of Expression

Before: This course asks big questions about what creative expression is, how it influences society, and what role it plays in people's lives. Students will explore expression as social and cultural production, as intervention, and as a tool for social dialogue through assignments and small group activities that develop and refine key skills relevant to the humanities and social sciences. As part of this course students will participate in a series of tutorials that will ~~introduce~~ them ~~to~~

~~essential elements of a holistic student experience~~ (such as ~~career exploration, health and wellness, and co-curricular engagement~~). [24L, 12T]

After: This course asks big questions about what creative expression is, how it influences society, and what role it plays in people's lives. Students will explore expression as social and cultural production, as intervention, and as a tool for social dialogue through assignments and small group activities that develop and refine key skills relevant to the humanities and social sciences. As part of this course students will participate in a series of tutorials that will help them build foundations for academic success (such as understanding the value of higher education, developing a growth mindset, and finding passion). [24L, 12T]

Rationale: Updated language to reflect the new ONE tutorial model.

Course #35 utm114H5 utmONE: Technology and Innovation: Historical, Social and Economic Perspectives

Before: This course will explore the enormous opportunities and the complex challenges presented by technological development. Topics discussed will include the history of technological changes over the last decades, their effects on the social and economic environment, including new opportunities in different industries (from publishing, to education, to information technology and pharmaceuticals), the impact on income distribution, the ethical challenges related to scientific progress and its application, and the effect on the participation of women and minorities in the workforce (especially in high-tech industries). In this course, students will interact with local technology companies as well as policymakers. As part of this course students will participate in a series of tutorials that will ~~introduce~~ them ~~to essential elements of a holistic student experience~~ (such as ~~career exploration, health and wellness, and co-curricular engagement~~). [24L, 12T]

After: This course will explore the enormous opportunities and the complex challenges presented by technological development. Topics discussed will include the history of technological changes over the last decades, their effects on the social and economic environment, including new opportunities in different industries (from publishing, to education, to information technology and pharmaceuticals), the impact on income distribution, the ethical challenges related to scientific progress and its application, and the effect on the participation of women and minorities in the workforce (especially in high-tech industries). In this course, students will interact with local technology companies as well as policymakers. As part of this course students will participate in a series of tutorials that will help them build foundations for academic success (such as understanding the value of higher education, developing a growth mindset, and finding passion). [24L, 12T]

Rationale: Updated language to reflect the new ONE tutorial model.

Course #36 utm115H5 utmONE: Communication Among Cultures

Before: This course is an introduction to inter-cultural communication primarily in the areas of writing and speaking. It is designed to address fundamental skills related to language use in the academic setting by focusing on topics such as customs, attitudes, beliefs, and values. Specific examples will be drawn from real-life university situations, and multiple viewpoints on the nature of diversity in communication will be discussed. As part of this course students will participate in a series of tutorials that will ~~introduce~~ them ~~to essential elements of a holistic student experience~~ (such as ~~career exploration, health and wellness, and co-curricular engagement~~). [24L, 12T]

After: This course is an introduction to inter-cultural communication primarily in the areas of writing and speaking. It is designed to address fundamental skills related to language use in the academic setting by focusing on topics such as customs, attitudes, beliefs, and values. Specific examples will be drawn from real-life university situations, and multiple viewpoints on the nature of diversity in communication will be discussed. As part of this course students will participate in a series of tutorials that will help them build foundations for academic success (such as understanding the value of higher education, developing a growth mindset, and finding passion). [24L, 12T]

Rationale: Updated language to reflect the new ONE tutorial model.

Course #37 utm116H5 utmONE: Happiness

Before: This course investigates the concept of happiness from its earliest articulations in the ancient world to today. Drawing on a wide array of sources in disciplines in the social sciences and humanities, we will investigate "happiness" across time and place. Throughout the semester students will reflect on the concept as it relates to their own lives as well as how it shapes society as a whole. As part of this course students will participate in a series of tutorials that will ~~introduce~~ them ~~to essential elements of a holistic student experience~~ (such as ~~career exploration, health and wellness, and co-curricular engagement~~). [24L, 12T]

After: This course investigates the concept of happiness from its earliest articulations in the ancient world to today. Drawing on a wide array of sources in disciplines in the social sciences and humanities, we will investigate "happiness" across time and place. Throughout the semester students will reflect on the concept as it relates to their own lives as well as how it shapes society as a whole. As part of this course students will participate in a series of tutorials that will help them build foundations for academic success (such as understanding the value of higher education, developing a growth mindset, and finding passion). [24L, 12T]

Rationale: Updated language to reflect the new ONE tutorial model.

Course #38 utm118H5 utmONE: Science of Learning

Before: This interdisciplinary course encourages students to take ownership of their education through a focus on the process of learning how to learn and by cultivating the habits of mind for lifelong achievement and success. Students will explore theories of learning and research on the strategies students should employ to reach deep understanding. "Science of Learning" is designed to help students develop their critical thinking, university-level oral and written communication, critical reading, and other foundational academic skills. As part of this course students will participate in a series of tutorials that will ~~introduce them to essential elements of a holistic student experience~~ (such as ~~career exploration, health and wellness, and co-curricular engagement~~). [24L, 12T]

After: This interdisciplinary course encourages students to take ownership of their education through a focus on the process of learning how to learn and by cultivating the habits of mind for lifelong achievement and success. Students will explore theories of learning and research on the strategies students should employ to reach deep understanding. "Science of Learning" is designed to help students develop their critical thinking, university-level oral and written communication, critical reading, and other foundational academic skills. As part of this course students will participate in a series of tutorials that will help them build foundations for academic success (such as understanding the value of higher education, developing a growth mindset, and finding passion). [24L, 12T]

Rationale: Updated language to reflect the new ONE tutorial model.

Course #39 utm197H5 utmONE Scholars: Humans in Nature: Interactions and Impacts

Before: This course will explore how humans have utilized the natural world and the impacts it has had on both the global environment and human societies. We will focus on topics such as human and natural history, conservation, sustainability, resource exploitation, domestication, GMOs, and our fascination with nature. The course will include a field ~~component~~ in our campus environment. ~~As part of this course students will participate in a series of tutorials that will introduce them to essential elements of a holistic student experience (such as career exploration, health and wellness, and co-curricular engagement)~~. [24S]

After: This course will explore how humans have utilized the natural world and the impacts it has had on both the global environment and human societies. We will focus on topics such as human and natural history, conservation, sustainability, resource exploitation, domestication, GMOs, and our fascination with nature. The course will include a field walk in our campus environment. [24S]

Rationale: Removed language that was part of the old utmONE course, this course is now a Scholars course. Additionally changed component to walk to better reflect the work being done in the course.

Changes in Course Name

Course #1 ANT241H5 Anthropology and the Indigenous Peoples of Turtle Island (North America)

Before: *Aboriginal* Peoples of *North America*

After: *Anthropology and the Indigenous* Peoples of *Turtle Island (North America)*

Rationale: This course has been in the anthropology curriculum as "Aboriginal Peoples of North America", but it has not been taught for many years. The course traditionally was a survey course of the Indigenous groups across the continent. This new revision will update the course content in order to respond to the issues of Indigeneity in a Post-Secondary environment. This coincides with the University of Toronto's response to the Truth and Reconciliation Calls to Action on Education. This course revision will include participation from Indigenous communities and scholars.
RATIONALE for Contact Hours change: Last year, this course was changed from a "Y" to an "H" in order to be consistent with all our courses being a half-year "H" course. We missed changing the contact hours from [48L] to [24L].

Course #2 MGM320H5 Financial Statement Analysis and Interpretation

Before: Financial *Reporting*

After: Financial *Statement Analysis and Interpretation*

Rationale: New course name more accurately reflects the concepts and theories covered in MGM320H5.

Course #3 SOC325H5 Law and Social Theory

Before: *Developments in* Law and *Society*

After: Law and *Social Theory*

Rationale: Change reflects new focus.

Course #4 SOC432H5 Contemporary Issues in Genocide and State Violence

Before: *Sociology of* Genocide

After: *Contemporary Issues in* Genocide *and State Violence*

Rationale: We are adding an introductory course on the Sociology of Genocide at the 200-level, in order to meet high demand and satisfy wait-lists. The 400-level course will deal with advanced subject matter, focusing in more depth on theory and using those ideas to consider recent case studies.

Course #5 SOC475H5 Sociology of Legal Careers

Before: Sociology of *Law and Lawyers*

After: Sociology of *Legal Careers*

Rationale: Changes better reflect course focus.

Course #6 WRI392H5 Communicating Research

Before: Research *and Writing*

After: *Communicating* Research

Rationale: The title more accurately reflects how the course involves not only research based writing, but how that writing is effectively communicated in order to develop professional skills across different forms and topics.

Courses - Other Changes

Course #1 ANT241H5 Anthropology and the Indigenous Peoples of Turtle Island (North America)

Before: Course Exclusion:

After: Course Exclusion: **ANT241Y5**

Rationale: This course has been in the anthropology curriculum as "Aboriginal Peoples of North America", but it has not been taught for many years. The course traditionally was a survey course of the Indigenous groups across the continent. This new revision will update the course content in order to respond to the issues of Indigeneity in a Post-Secondary environment. This coincides with the University of Toronto's response to the Truth and Reconciliation Calls to Action on Education. This course revision will include participation from Indigenous communities and scholars.
RATIONALE for Contact Hours change: Last year, this course was changed from a "Y" to an "H" in order to be consistent with all our courses being a half-year "H" course. We missed changing the contact hours from [48L] to [24L].

Course #2 ANT335H5 Anthropology of Gender

Before: Prerequisite: **ANT204H5/ANT207H5**

After: Prerequisite: **ANT204H5/ANT206H5/ANT207H5**

Rationale: Any of the 200-level core social science could serve as a pre-requisite including ANT206H5 which was missing as part of the list.

Course #3 ANT368H5 World Religions and Ecology

Before: Prerequisite: **ANT204H5/ANT207H5/RLG101H5**

After: Prerequisite: **ANT204H5/ANT207H5/RLG101H5/ENV100Y5**

Rationale: The Department of Geography lists on pg 198-201 of the Academic Calendar, that ANT368H5 and ANT370H5 can be taken by their students to fulfill their program requirements. These 300-level ANT courses have 200-level Anthropology pre-requisites. Often times, geography students would not have these anthropology pre-requisites. They would need to petition and get approval from the anthropology department before being allowed to take these courses. Every year this causes unnecessary administrative work on both sides. Anthropology would like to allow these students in the Geography programs to take ANT368H5 and/or ANT370H5. All geography students must take ENV100Y5 in their first year, so by adding ENV100Y5 to our list of pre-req, it would allow the geography students into the course without having to petition. Both the instructor of this course and the department of Geography support this proposal.

Course #4 ANT370H5 Environment, Culture and Film

Before: Prerequisite: **ANT204H5/ANT207H5**

After: Prerequisite: **ANT204H5/ANT207H5/ENV100Y5**

Rationale: The Department of Geography lists on pg 198-201 of the Academic Calendar, that ANT368H5 and ANT370H5 can be taken by their students to fulfill their program requirements. These 300-level ANT courses have 200-level Anthropology pre-requisites. Often times, geography students would not have these anthropology pre-requisites. They would need to petition and get approval from the anthropology department before being allowed to take these courses. Every year this causes unnecessary administrative work on both sides. Anthropology would like to allow these students in the Geography programs to take ANT368H5 and/or ANT370H5. All geography students must take ENV100Y5 in their first year, so by adding ENV100Y5 to our list of pre-req, it would allow the geography students into the course without having to petition. Both the instructor of this course and the department of Geography support this proposal.

Course #5 ANT463H5 Anthropologies of Water: On Meaning, Value, and Futures

Before: Distribution: SSc EXP

After: Distribution: SSc EXP **INTLO**

Rationale: When the course was first added last year, the course description was too long. We are tightening it up this year. As well, we are deleted the notation on "Limited Enrollment and Application Process" to reflect what is actually being done in the department.

Course #6 ANT464H5 The End of Coal: An Ethnographic Approach

Before: Distribution: SSc EXP

After: Distribution: SSc EXP **INTLO**

Rationale: When the course was first added last year, the course description was too long. We are tightening it up this year. As well, we are deleting the notation on "Limited Enrollment and Application Process" to reflect what is actually being done in the department.

Course #7 CCT218H5 Introduction to Information and Society

Before: Distribution: SSc

After: Distribution: SSc **EXP**

Rationale: Students in CCT218 worked closely with representatives from the Ontario Government throughout the term. The government functioned as a "client", with student interacting with government data and government representatives. The exercises and assignments in the course mimicked an iterative design process where student teams met with the government, then presented ideas and solicited feedback from appropriate officials, and finally presented the results of the design work in a public presentation. CCT218 provided students with the experience of working outside the classroom and interacting with potential partners in a "real world" situation - providing them with invaluable experience and helping to grow their networks.

Course #8 CCT302H5 Developing and Managing Communication Campaigns and Projects

Before: Prerequisite: **CCT222H5**, minimum of 8.0 credits.

After: Prerequisite: **A** minimum of 8.0 credits.

Rationale: CCT222H5 has been removed as a prerequisite as it is not relevant to the material being taught in this course.

Course #9 CCT304H5 Visual Communication and Digital Environments

Before: Prerequisite: **CCT204H5**, CCT210H5/CCT213H5

After: Prerequisite: CCT210H5/CCT213H5

Rationale: CCT204 has been removed as a prerequisite as it no longer applies to how this course is taught.

Course #10 CCT336H5 Comics and Digital Culture (SH)

Before: Course Exclusion: **CCT300H5**

After: Course Exclusion:

Rationale: Removed CCT300 Critical Analysis of Media as co-requisite as this course is not similar to CCT336.

Course #11 CCT419H5 Exploring User Experience, Cultural Theory and Gamification through Board Games

Before: Prerequisite: **CCT210H5, CCT218H5, CCT380H5/382H5**

After: Prerequisite: **CCT210H5/CCT218H5/CCT380H5/382H5, completion of 8.0 credits.**

Rationale: Not all of the current prerequisites are required except for one, in addition to completion of 8.0 credits.

Course #12 ECO303H5 World Economic History After 1914

Before: Course Exclusion:

After: Course Exclusion: **ECO341H1, ECO342Y1**

Rationale: Added exclusions for STG courses.

Course #13 ECO324H5 Economic Development

Before: Course Exclusion: ECO352H5S: Special Topics Economics of Poverty (20161)

After:

Course Exclusion: **ECO324Y5, ECO324Y1, ECO324H1**, ECO352H5S: Special Topics Economics of Poverty (20161)

Rationale: Re-weighted from Y to H.

Course #14 ECO333H5 Urban Economics

Before: Course Exclusion:

After: Course Exclusion: **ECO333Y5**

Rationale: Re-weighted course from Y to H.

Course #15 ECO349H5 Money, Banking & Financial Markets

Before: Course Exclusion: **ECO349H1**

After: Course Exclusion: **ECO349H1, ECO348H5, students who have taken ECO352H5 Special Topics: Fundamentals of Money, Banking and Financial Markets are not eligible for this course.**

Rationale: Added exclusions - new course and special topics. Missed in previous round.

Course #16 ECO439H5 The Economics of Cities & Regions: Productivity, Technology & Jobs

Before: Course Exclusion:

After: Course Exclusion: **ECO439Y5, ECO433H1**

Rationale: Re-weighted from Y to H.

Course #17 MAT133Y5 Calculus and Linear Algebra for Commerce

Before: Course Exclusion: **MAT134Y5, MAT135Y5, MAT137Y5**, MAT157Y5, MAT133Y1, **MAT135Y1, MAT135H1, MAT136H1**, MAT137Y1, MAY157Y1, MATA30H3, MATA31H3, MATA32H3, **MATA33H3, MATA35H3**, MATA36H3, MATA37H3

After: Course Exclusion: **MAT132H5, MAT134H5, MAT135H5, MAT136H5, MAT134Y5, MAT135Y5, MAT137Y5**, MAT157Y5, MAT133Y1, **MAT135Y1, MAT135H1, MAT136H1**, MAT137Y1, MAY157Y1, MATA30H3, MATA31H3, MATA32H3, **MATA33H3, MATA35H3**, MATA36H3, MATA37H3

Rationale: MAT134Y5 will be replaced by MAT132H5 and MAT134H5. MAT135Y5 will be replaced by MAT135H5 and MAT136H5.

Course #18 MGT330H5 Investments

Before: Prerequisite: **MGT338H5**

After: Prerequisite: **MGT338H5, MGT339H5 as prerequisite or co-requisite**

Rationale: The concepts and theories covered in MGT339H5 are important for students to understand to ensure they are successfully able to master the concepts covered in MGT330H5.

Course #19 MGT423H5 Canadian Income Taxation I

Before: Prerequisite: **MGT322H5/323H5/339H5**

After: Prerequisite: **MGT220H5, MGT393H5/MGM390H5**

Rationale: Prerequisites were changed based on feedback from Accounting faculty members. The concepts and theories covered in MGT220H5 and MGT393H5/MGM390H5 would be important for students to understand to ensure they are successfully able to master the concepts covered in MGT423H5.

Course #20 MGT438H5 Futures and Options Markets

Before: Recommended Preparation:

After: Recommended Preparation: **MGT330H5**

Rationale: The concepts and theories covered in MGT330H5 would be helpful for students to understand to ensure they are successfully able to master the concepts covered in MGT438H5.

Course #21 MGT439H5 International Finance

Before: Course Exclusion: **ECO365H5**, MGFC50H3, RSM437H1 **Recommended** Preparation:

After: Course Exclusion: MGFC50H3, RSM437H1
Recommended Preparation: **MGT330H5**

Rationale: 1) The concepts and theories covered in MGT330H5 would be helpful for students to understand to ensure they are successfully able to master the concepts covered in MGT439H5.
2) ECO365H5 was removed as an exclusion as this course is very different from the contents covered in MGT439H5. Historically there was a greater degree of overlap hence the exclusion requirement.

Course #22 MGT441H5 Financial Modeling

Before: Prerequisite: **MGT338H5**, 339H5

After: Prerequisite: **MGT330H5, 338H5**, 339H5

Rationale: MGT330H5 Investments has now been included as a prerequisite for this course as per feedback from Faculty. The concepts covered in MGT330H5 will better prepare students to succeed in mastering Financial Modelling.

Course #23 SOC100H5 Introduction to Sociology

Before: Course Exclusion: SOC101Y5, SOC100H1, SOC101Y1, SOC102H1, SOC103H1, SOCA01H3, **SOCA02H3**

After: Course Exclusion: SOC101Y5, SOC100H1, SOC101Y1, SOC102H1, SOC103H1, SOCA01H3, **SOCA02H3, SOCA03Y3**

Rationale: UTSC's SOCA01H3 and SOCA02H3 are discontinued courses, and has been replaced by SOCA03Y3 in 2017-2018. All 3 courses should appear under the exclusions.

Course #24 SOC325H5 Law and Social Theory

Before: Prerequisite: **SOC205H5/SOC231H5, SOC209H5, SOC221H5**

After: Prerequisite: **SOC100H5; SOC209H5**

Rationale: Prerequisites revised in order for students in the SOC minor to take course.

Course #25 SOC410H5 Senior Seminar in Inequality

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.

Rationale: To align prereqs with other similar 400-level SOC courses

Course #26 SOC411H5 Senior Seminar in Social Institutions

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.

Rationale: To align prereqs with other similar 400-level SOC courses

Course #27 SOC412H5 Senior Seminar in the Sociology of Work

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, P.I.
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.
Rationale: To align prereqs with other similar 400-level SOC courses

Course #28 SOC413H5 Senior Seminar in the Sociology of Gender

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, P.I.
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.
Rationale: To align prereqs with other similar 400-level SOC courses

Course #29 SOC414H5 Senior Seminar in Political Sociology

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, P.I.
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.
Rationale: To align prereqs with other similar 400-level SOC courses
Removed inaccurate topic info from description

Course #30 SOC416H5 Senior Seminar in the Sociology of Culture

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, P.I.
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.
Rationale: To align prereqs with other similar 400-level SOC courses

Course #31 SOC417H5 Senior Seminar in the Sociology of Globalization

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, P.I.
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.
Rationale: To align prereqs with other similar 400-level SOC courses

Course #32 SOC418H5 Senior Seminar in the Sociology of Health

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, P.I.
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.
Rationale: To align prereqs with other similar 400-level SOC courses

Course #33 SOC432H5 Contemporary Issues in Genocide and State Violence

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level.
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, **SOC206H5**, 1.0 SOC credit at the 300 level.
Rationale: We are adding an introductory course on the Sociology of Genocide at the 200-level, in order to meet high demand and satisfy wait-lists. The 400-level course will deal with advanced subject matter, focusing in more depth on theory and using those ideas to consider recent case studies.

Course #34 WRI365Y5 Editing: Principles and Practice

Before: Course Exclusion: **None**

After: Course Exclusion: **WRI365H5**

Rationale: WRI365H5 is an exclusion to WRI365Y5 as both courses contain the same content with the instructor reinforcing the content by applying skills to different forms of writing, texts, and publications over two semesters rather than one.

Course #35 WRI392H5 Communicating Research

Before: Prerequisite: Completion of **2.0** WRI credits

After: Prerequisite: Completion of **1.5** WRI credits

Rationale: For the last three years, we have accepted students with 1.5 WRI credits and found that this has been sufficient preparation to take this course.

Course #36 WRI430H5 Journalistic Investigation

Before: Prerequisite: 1.5 WRI credits **and P.I.**

After: Prerequisite: **WRI378H5 and** 1.5 WRI credits

Rationale: The pre-requisite of WRI378H5 Introduction to Journalism has been added as it will be an additional course students needs to take in preparation for WRI430H5. With the addition of WRI378 as a pre-requisite, permission of instructor is no longer needed so that has been removed.

Social Sciences/ICCIT

(September Report)

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SUMMARY OF COURSE CHANGES

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Anthropology	0	0	0	2	2	5
Communication, Culture, Information and Technology	0	0	2	4	0	23
Concurrent Teacher Education	0	0	0	0	0	0
Diaspora and Transnational Studies	0	0	0	0	0	0
Economics	0	1	0	2	8	7
Education Studies	0	0	0	0	0	0
Environment	0	0	0	0	0	2
Erindale Courses	0	0	0	0	0	0
Forensic Science	0	0	0	2	0	0
Geography	0	0	0	1	0	3
Institute for Management & Innovation	0	0	0	0	0	6
Language Studies	0	0	0	0	0	0
Linguistics	0	0	0	0	0	1
Management	0	0	0	0	0	7
Mathematics	0	0	0	0	0	0
Political Science	0	2	0	5	17	8
Professional Writing and Communication	0	0	0	0	0	1
Sociology	0	0	3	10	4	82
Student Development and Transition	0	0	0	1	0	14
Women and Gender Studies	0	0	0	0	0	0

New Programs

NONE

Programs - Resource Implications

Program #1 ERMAJ0727 Criminology, Law and Society (Arts)

Resource implications: None

Program #2 ERMAJ1013 Sociology (Arts)

Resource implications: None

Program #3 ERMAJ1111 Commerce (Arts)

Resource implications: None

Program #4 ERMAJ1478 Economics (Arts, B.Com.)

Resource implications: None.

Program #5 ERMAJ2015 Political Science (Arts)

Resource implications: none

Program #6 ERMAJ2431 Management

Resource implications: None

Program #7 ERMIN1013 Sociology (Arts)

Resource implications: None

Program #8 ERMIN1478 Economics (Arts, B.Com.)

Resource implications: None

Program #9 ERSPE0137 Economics (Commerce)

Resource implications: None.

Program #10 ERSPE0727 Criminology, Law and Society (Arts)

Resource implications: None

Program #11 ERSPE0751 Economics and Political Science (Arts)

Resource implications: None

Program #12 ERSPE1013 Sociology (Arts)

Resource implications: None

Program #13 ERSPE1384 International Affairs (Arts)

Resource implications: None

Program #14 ERSPE1478 Economics (Arts, B.Com.)

Resource implications: None.

Program #15 ERSPE1704 Commerce: Accounting (BCom)

Resource implications: None

Program #16 ERSPE1882 Human Resource Management

Resource implications: None

Program #17 ERSPE2015 Political Science (Arts)

Resource implications: none

Program #18 ERSPE2034 Commerce: Finance (BCom)

Resource implications: None

Program #19 ERSPE2273 Commerce (BCom)

Resource implications: None

Program #20 ERSPE2380 Commerce: Marketing (BCom)

Resource implications: None

Program #21 ERSPE2431 Management

Resource implications: None

Program #22 ERSPE2722 Financial Economics (Science)

Resource implications: None.

Deleted Programs

NONE

Programs - Other Changes

Program #1 ERMAJ0727 Criminology, Law and Society (Arts)

Rationale for change: To refine the admissions language and expectations in order to clarify the requirements for students. SOC222H5 reference change required as SOC222H5 required for 300-level courses. New Group A and B courses added to reflect new and re-numbered courses.

Before: Limited Enrolment: ~~Students applying at the end of first year (4.0 credits) must have a grade of at least 67 in SOC100H5 and a CGPA of at least 2.0. Students who do not earn a grade of at least 67 in SOC100H5 and a CGPA of at least 2.0 at the end of first year (4.0 credits) must have a grade of at least 70 in each of 2 half SOC courses (1.0 credits) at the 200 level and a CGPA of at least 2.0.~~

Higher Years Please ~~be aware of the~~ upper-year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in 300- and 400-level courses. ~~Students without prerequisites can be removed at any time. No waivers will be granted.~~

Students must enroll in SOC205H5, ~~SOC209H5 and~~ SOC221H5 upon entering the ~~program~~ and observe the following program requirements:

- SOC205H5, SOC209H5, SOC221H5 (required for most 300-level SOC courses)
- ~~SOC222H5 (required for most 400-level SOC courses)~~
- 4.5 additional credits of which 2.0 credits must be at the 300/400 level; of these 4.5 credits, 3.0 must be from Group A, and 1.5 from Group A or B (see section below for details).
- Optional Courses 3.0 credits ~~must be selected~~ from Group A and an additional 1.5 credits from Group A or Group B.

Group A:

SOC206H5, SOC208H5, SOC211H5, SOC216H5, SOC219H5, ~~SOC300H5~~, SOC301H5, SOC303H5, SOC306H5, SOC310H5, SOC311H5, ~~SOC313H5~~, SOC316H5, SOC320H5, SOC322H5, SOC323H5, SOC325H5, SOC326H5, SOC327H5, SOC328H5, SOC330H5, SOC338H5, SOC346H5, SOC351H5, SOC357H5, SOC371H5, SOC378H5, SOC379H5, SOC382H5, SOC393H5, SOC394H5, SOC401H5, SOC403H5, SOC420H5, SOC421H5, SOC423H5, SOC429H5, SOC432H5, SOC440H5, SOC446H5, SOC447H5, SOC448H5, SOC450H5, SOC456H5, SOC475H5, SOC493H5, SOC494H5

~~With department approval only:~~ SOC299Y5, SOC399Y5, SOC480Y5, SOC499Y5

Group B:

ANT205H5, ~~209H5, 306H5, 352H5, 354H5, 369H5, 439H5~~
FSC239Y5, FSC271H5, FSC360H5, FSC406H5
PHL246H5, PHL265H5, PHL271H5, PHL274H5, PHL275H5, PHL277Y5, PHL365H5, PHL370H5, PHL374H5, PHL376H5
POL208Y5, POL214Y5, POL310Y5, POL340Y5, POL343Y5
PSY220H5, PSY230H5, PSY240H5, PSY270H5, PSY328H5, PSY340H5, PSY341H5, PSY344H5, PSY346H5, PSY440H5
SOC231H5, SOC253H5, SOC263H5, SOC275H5, SOC318H5, SOC332H5, SOC342H5, SOC359H5, SOC364H5, SOC380H5, SOC425H5, SOC457H5, SOC460H5, ~~SOC463H5~~
WGS215H5, WGS365H5, WGS373H5, WGS420H5

After:

Limited Enrolment: Admission is based on the following criteria:

- Credits: Students must have a minimum of 4.0 credits.
 - Prerequisite Course(s): Students must have a final mark of 67% in their first successful attempt at UTM SOC100H5 or a final mark of 70% in each of two 0.5 credit UTM SOC courses at the 200-level or above.
 - Cumulative Grade Point Average (CGPA): The Department of Sociology determines the CGPA requirement each admission period in relation to the number of applicants and it is never below 2.00. Note: Meeting the minimum requirements does not guarantee admission.
- Higher Years Please note upper-year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in 300- and 400-level courses.

Students must enroll in SOC205H5, SOC209H5, SOC221H5 and SOC222H5 upon entering the program, and observe the following program requirements:

- SOC205H5, SOC209H5, SOC221H5 and SOC222H5 (required for most 300-level SOC courses)

- 4.5 additional credits of which 2.0 credits must be at the 300/400 level; of these 4.5 credits, 3.0 must be from Group A, and 1.5 from Group A or B (see section below for details).

Optional Courses **Select** 3.0 credits from Group A and an additional 1.5 credits from Group A or Group B.

Group A:

SOC206H5, SOC208H5, SOC211H5, SOC216H5, SOC219H5, SOC301H5, SOC303H5, SOC306H5, SOC310H5, SOC311H5, SOC316H5, SOC320H5, SOC322H5, SOC323H5, **SOC324H5**, SOC325H5, SOC326H5, SOC327H5, SOC328H5, SOC330H5, **SOC337H5**, SOC338H5, SOC346H5, SOC351H5, SOC357H5, **SOC365H5**, **SOC366H5**, SOC371H5, SOC378H5, SOC379H5, SOC382H5, SOC393H5, SOC394H5, SOC401H5, SOC403H5, SOC420H5, SOC421H5, SOC423H5, SOC429H5, SOC432H5, SOC440H5, SOC446H5, SOC447H5, SOC448H5, SOC450H5, SOC456H5, SOC475H5, SOC493H5, SOC494H5

Group A with Department Approval Only:

SOC299H5, SOC299Y5, **SOC399H5**, SOC399Y5, SOC480Y5, **SOC499H5**, SOC499Y5

Group B:

ANT205H5, **ANT209H5**, **ANT306H5**, **ANT352H5**, **ANT354H5**, **ANT369H5**, **ANT439H5**
FSC239Y5, FSC271H5, FSC360H5, FSC406H5
PHL246H5, PHL265H5, PHL271H5, PHL274H5, PHL275H5, PHL277Y5, PHL365H5, PHL370H5, PHL374H5, PHL376H5
POL208Y5, POL214Y5, POL310Y5, POL340Y5, POL343Y5
PSY220H5, PSY230H5, PSY240H5, PSY270H5, PSY328H5, PSY340H5, PSY341H5, PSY344H5, PSY346H5, PSY440H5
SOC231H5, SOC253H5, SOC263H5, SOC275H5, **SOC302H5**, SOC318H5, SOC332H5, SOC342H5, SOC359H5, SOC364H5, SOC380H5, SOC425H5, **SOC455H5**, SOC457H5, SOC460H5, **SOC463H5**, **SOC476H5**
WGS215H5, WGS365H5, WGS373H5, WGS420H5

Program #2 ERMAJ1013 Sociology (Arts)

Rationale for change: To refine the admissions language and expectations in order to clarify the requirements for students. SOC222H5 reference change required as SOC222H5 required for 300-level courses.

Before: Limited Enrolment: ~~Students applying at the end of first year (4.0 credits) must have a grade of at least 67 in SOC100H5 and a CGPA of at least 2.0. Students who do not earn a grade of at least 67 in SOC100H5 and a CGPA of at least 2.0 at the end of first year (4.0 credits) must have a grade of at least 70 in each of 2 half SOC courses (1.0 credits) at the 200 level and a CGPA of at least 2.0.~~

Higher Years Please ~~be aware of the~~ upper-year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in 300- and 400-level courses. **~~Students without prerequisites can be removed at any time. No waivers will be granted.~~**

Students must enroll in ~~SOC221H5~~ and SOC231H5 upon entering the ~~program~~ and observe the following program requirements:

- ~~SOC221H5~~ and SOC231H5 (required for most 300-level ~~SOC courses~~)
- ~~SOC222H5 (required for most 400-level SOC courses)~~
- 5.0 additional SOC credits, of which 1.0 credit must be at the 300 level and 1.0 credit must be at the 400 level.

After: Limited Enrolment: **Admission is based on the following criteria:**
- **Credits:** Students must have a **minimum of 4.0 credits.**
- **Prerequisite Course(s):** Students **must have a final mark of 67% in their first successful attempt at UTM SOC100H5 or a final mark of 70% in each of two 0.5 credit UTM SOC courses at the 200 level or above.**
- **Cumulative Grade Point Average (CGPA):** **The Department of Sociology determines the CGPA requirement each admission period in relation to the number of applicants and it is never below 2.00. Note: Meeting the minimum requirements does not guarantee admission.**
Higher Years Please **note** upper-year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in 300- and 400-level courses.

Students must enroll in SOC221H5, SOC222H5 and SOC231H5 upon entering the program and observe the following program requirements:

- SOC221H5, SOC222H5 and SOC231H5 (required for most 300-level SOC courses)
- 5.0 additional SOC credits, of which 1.0 credit must be at the 300 level and 1.0 credit must be at the 400 level.

Program #3 ERMAJ1034 CCIT (Arts)

Rationale for change: MGD courses were originally planned for the Digital Enterprise Management Specialist (DEM) and Management students and were not intended for CCIT Major students. We want to correct the calendar error.

Before:

Third and Higher Years (4.0 credits required)

Minimum of 4 half credit courses taught at UTM from any 300/400 level **CCT/MGD/VCC** course. One of these half credits must be at the 400 level.

Minimum of 4 half credit courses taught at Sheridan from any 300/400 level CCT course. One of these half credits must be at the 400 level.

After:

Third and Higher Years (4.0 credits required)

Minimum of 4 half credit courses taught at UTM from any 300/400 level **CCT/VCC** course. One of these half credits must be at the 400 level.

Minimum of 4 half credit courses taught at Sheridan from any 300/400 level CCT course. One of these half credits must be at the 400 level.

Program #4 ERMAJ1111 Commerce (Arts)

Rationale for change: Increased average for MAT 133/135 to be in line with ECO 220 requirements. Updated math codes to reflect division of MAT 135 into MAT 135 and MAT 136.

Before:

Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses: ECO100Y5 (63%); MGT120H5 (63%); MGM101H5 (63%); MAT133Y5/MAT135Y5 **(50%)** in a minimum of 4.0 credits.

- Cumulative Grade Point Average (CGPA): Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.

- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits: Students applying to Commerce with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T.

- The combined CGPA of all courses taken at another institution

plus U of T courses must meet the minimum cut off

for the year in which you are applying. Application for admission to the program for all students is made during the Subject POST request period in March/April.

First Year MGM101H5; MGT120H5; ECO100Y5; **MAT133Y5/135Y5 or equivalent**

After:

Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses: ECO100Y5 (63%); MGT120H5 (63%); MGM101H5 (63%); MAT133Y5/MAT135Y5 **(63%)** in a minimum of 4.0 credits.

- Cumulative Grade Point Average (CGPA): Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.

- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits: Students applying to Commerce with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T.

- The combined CGPA of all courses taken at another institution

plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for all students is made during the Subject POST request period in March/April.

First Year MGM101H5; MGT120H5; ECO100Y5;

MAT133Y5/(MAT135H5,MATH136H5)/MAT 135Y5 (or equivalent)

Program #5 ERMAJ1425 Environmental Management (Arts)

Rationale for change: updated course codes

Before:

Second Year: 3.0 credits

- Environmental Management Core: ENV201H5

- Environmental Policy Core: **JPE250Y5**

- Social Science/Humanities Core: 0.5 credit chosen from this list: ANT241H5; ENG259H5; ENV205H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR265H5, GGR267H5, GGR287H5, GGR288H5; JPE250Y5; PHL274H5, PHL284H5

- Science Core: 0.5 credit chosen from this list: ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;

- Quantitative, Digital, and Analytical Methods Core: 0.5 credit chosen from this list: GGR272H5, GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5; or another program-relevant 200/300-level Research Methods course, with permission of the Program Advisor

After:

Second Year: 3.0 credits

- Environmental Management Core: ENV201H5

- Environmental Policy Core: **JPE251H5 + JPE252H5 (formerly JPE250Y5)**

- Social Science/Humanities Core: 0.5 credit chosen from this list: ANT241H5; ENG259H5; ENV205H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR265H5, GGR267H5, GGR287H5, GGR288H5; JPE250Y5; PHL274H5, PHL284H5

- Science Core: 0.5 credit chosen from this list: ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;

- Quantitative, Digital, and Analytical Methods Core: 0.5 credit chosen from this list: GGR272H5, GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5; or another program-relevant 200/300-level Research Methods course, with permission of the Program Advisor

Program #6 ERMAJ1478 Economics (Arts, B.Com.)

Rationale

for change: Change due to: MAT135Y5/(MAT135H5,MAT136H5), MAT134Y5/(MAT132H5,MAT134H5)

Before:

Limited Enrolment: Enrolment in the Major program is limited to students with 63% in ECO100Y5,

MAT133Y5(63%)/134Y5/135Y5/137Y5, and a CGPA of 2.0.

First Year ECO100Y5(63%); **MAT133Y5(63%)/134Y5/135Y5/137Y5**

Second Year ECO200Y5/204Y5/206Y5, **202Y5/208Y5/209Y5, 220Y5/227Y5/**

STA(250H1,257H5/256H5)/STA(257H5/256H5,261H5/260H5)/

STA(257H5/256H5,248H5/258H5)

Higher Years 2.0 additional 300/400 level ECO credits, 1.0 of which must include as prerequisites two of ECO200Y5/204Y5/206Y5,

202Y5/208Y5/209Y5, 220Y5/227Y5/STA(250H1,257H5/256H5)/STA(257H5/256H5,261H5/260H5)

STA(257H5/256H5,248H5/258H5)

After:

Limited Enrolment: Enrolment in the Major program is limited to students with 63% in ECO100Y5,

MAT133Y5(63%)/MAT134Y5/(MAT132H5,MAT134H5)/MAT135Y5/(MAT135H5,MAT136H5), and a CGPA of 2.0.

First Year ECO100Y5(63%);

MAT133Y5(63%)/MAT134Y5/(MAT132H5,MAT134H5)/MAT135Y5/(MAT135H5,MAT136H5)

Second Year ECO200Y5/204Y5/206Y5, **ECO202Y5/208Y5/209Y5, ECO220Y5/227Y5/**

STA(250H1,257H5/256H5)/STA(257H5/256H5,261H5/260H5)/

STA(257H5/256H5,248H5/258H5)

Higher Years 2.0 additional 300/400 level ECO credits, 1.0 of which must include as prerequisites two of ECO200Y5/204Y5/206Y5,

**ECO202Y5/208Y5/209Y5,
ECO220Y5/227Y5/STA(250H1,257H5/256H5)/STA(257H5/256H5,261H5/260H5)/
STA(257H5/256H5,248H5/258H5)**

Program #7 ERMAJ1666 Geography (Arts)

Rationale for change: updated course list - removed GGR380H5, this course is no longer offered.

Before:

Third/Fourth Year 3.5 credits from the following:
ENV311H5; GGR313H5, GGR318H5, GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5,
GGR353H5, GGR361H5, GGR363H5, GGR365H5, GGR370H5, **GGR380H5**, GGR385H5,
GGR389H5, GGR415H5, GGR418H5, GGR419H5, GGR420H5, GGR426H5, GGR461H5, GGR489H5;
JGE378H5

After:

Third/Fourth Year 3.5 credits from the following:
ENV311H5; GGR313H5, GGR318H5, GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5,
GGR353H5, GGR361H5, GGR363H5, GGR365H5, GGR370H5, GGR385H5, GGR389H5, GGR415H5,
GGR418H5, GGR419H5, GGR420H5, GGR426H5, GGR461H5, GGR489H5; JGE378H5

Program #8 ERMAJ2015 Political Science (Arts)

Rationale for change: updated to include new courses

Before:

- POL200Y5, POL 214Y5
- 1.0 credit from each of two the following three fields:
- Comparative Politics - POL203Y5, 204Y5, 218Y5, 354Y5, 360H5, 361H5, 362H5, 363H5, 300Y5, 302Y5,
303Y5, 304Y5, 309Y5, 332Y5, 440Y5, 443H5, 438H5
- International Relations - POL208Y5, 310Y5, 327Y5, 340Y5, 343Y5, 486Y5, 487H5
- Public Policy and Public Administration - POL316Y5, 317Y5, 336Y5, 346Y5, 353Y5, 355Y5, 368Y5,
369Y5; ENV 250Y5, 3551Y5, 359Y5, 452H5; JPE250Y5; JEP 356H5, 351H5, 452H5
- 3.0 additional POL credits

After:

- POL200Y5, POL 214Y5
- 1.0 credit from each of two the following three fields:
- Comparative Politics - POL203Y5, 204Y5, 218Y5, 354Y5, 360H5, 361H5, 362H5, 363H5, 300Y5, 302Y5,
303Y5, 304Y5, 309Y5, 332Y5, 440Y5, 443H5, 438H5
- International Relations - POL208Y5, 310Y5, 327Y5, 340Y5, 343Y5, 486Y5, 487H5
- Public Policy and Public Administration - POL316Y5, 317Y5, **317H5**, 336Y5, 346Y5, 353Y5, 355Y5,
368Y5, 369Y5; ENV 250Y5, 3551Y5, 359Y5, 452H5; JPE250Y5; **251H5, 252H5**; JEP 356H5,
351H5, 452H5
- 3.0 additional POL credits

Program #9 ERMAJ2431 Management

Rationale for change: Updating minimum Math percentage requirements to be consistent with Commerce. Updated Math codes to reflect division of MAT 135 into MAT 135 and MAT 136.

Before:

Limited Enrolment: Note: The following enrolment requirements will be in effect for students enrolling in Spring 2019. For students enrolling in the Spring 2018 enrolment period, consult the requirements stated in the 2017-18 Calendar. Enrolment in this program is limited to students who meet the following criteria:
- Prerequisite courses ECO100Y5 (63%); MGM101H5 (63%); MGM102H5 (63%); MAT133Y5/MAT135Y5
(50%) in a minimum of 4.0 credits.
- Cumulative Grade Point Average (CGPA) Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.
- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits Students applying to Management with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.
- The combined CGPA of all courses taken at another institution plus U of T courses must meet the

minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POST request periods in March/April. Contact Management Department for dates.

First year For students who began studies prior to September 2018 (2.0 credits):
MGM101H5; MGM102H5; ECO100Y5;

For students who began studies in September 2018 and onwards (3.0 credits): MGM101H5; MGM102H5;
ECO100Y5; **MAT133Y5/MAT135Y5** (or equivalent)

After:

Limited Enrolment: Note: The following enrolment requirements will be in effect for students enrolling in Spring 2019. For students enrolling in the Spring 2018 enrolment period, consult the requirements stated in the 2017-18 Calendar. Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite courses ECO100Y5 (63%); MGM101H5 (63%); MGM102H5 (63%); MAT133Y5/MAT135Y5 **(63%)** in a minimum of 4.0 credits.

- Cumulative Grade Point Average (CGPA) Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.

- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits Students applying to Management with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.

- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POST request periods in March/April. Contact Management Department for dates.

First year For students who began studies prior to September 2018 (2.0 credits):
MGM101H5; MGM102H5; ECO100Y5;

For students who began studies in September 2018 and onwards (3.0 credits): MGM101H5; MGM102H5;
ECO100Y5; **MAT133Y5/(MAT135H5,MATH136H5)/MAT 135Y5** (or equivalent)

Program #10 ERMIN1013 Sociology (Arts)

Rationale for change:

To refine the admissions language and expectations in order to clarify the requirements for students.

Before:

Limited Enrolment: ~~Students applying at the end of first year (4.0 credits) must have a grade of at least 65 in SOC100H5 and a CGPA of at least 2.0. Students who do not earn a grade of at least 65 in SOC100H5 and a CGPA of at least 2.0 at the end of first year (4.0 credits) must have a grade of at least 67 in each of 2 half SOC courses (1.0 credits) at the 200 level and a CGPA of at least 2.0.~~

Higher Years Please ~~be aware of the~~ upper-year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in upper-level courses.

~~Students without prerequisites can be removed at any time. No waivers will be granted.~~

3.5 SOC credits, of which 1.0 credit must be at the 300 ~~level~~ where options include:

- SOC301H5
- SOC310H5
- SOC317H5
- SOC325H5
- SOC326H5
- SOC352H5
- SOC361H5

After:

Limited Enrolment: Admission is based on the following criteria:

- Credits: Students must have a minimum of 4.0 credits.

- Prerequisite Course(s): Students must have a final mark of 65% in their first successful attempt at UTM SOC100H5 or a final mark of 67% in each of two 0.5 credit UTM SOC courses at the 200 level or above.

- Cumulative Grade Point Average (CGPA): The Department of Sociology determines the CGPA requirement each admission period in relation to the number of applicants and it is never below 2.00. Note: Meeting the minimum requirements does not guarantee admission.

Higher Years Please note upper-year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in upper-level courses.

3.5 SOC credits, of which 1.0 credit must be at the 300 level, where options include:

- SOC301H5
- SOC310H5
- SOC317H5
- SOC325H5
- SOC326H5
- SOC352H5
- SOC361H5

Program #11 ERMIN1425 Environmental Management (Arts)

Rationale for change: updated course codes

Before:

Second Year: 1.5 credits

- Environmental Management Core: ENV201H5
- Social Science/Humanities Core: 0.5 credit chosen from this list: ENG259H5; ENV205H5; GGR202H5; GGR207H5; GGR208H5; GGR209H5; GGR210H5; GGR265H5; GGR267H5; GGR287H5; GGR288H5;

JPE250Y5;

- Science Core: 0.5 credit chosen from this list: ANT214H5; BIO201H5, 205H5, BIO211H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;

After:

Second Year: 1.5 credits

- Environmental Management Core: ENV201H5
- Social Science/Humanities Core: 0.5 credit chosen from this list: ENG259H5; ENV205H5; GGR202H5; GGR207H5; GGR208H5; GGR209H5; GGR210H5; GGR265H5; GGR267H5; GGR287H5; GGR288H5;

JPE251H5, JPE252H5;

- Science Core: 0.5 credit chosen from this list: ANT214H5; BIO201H5, 205H5, BIO211H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;

Program #12 ERMIN1478 Economics (Arts, B.Com.)

Rationale

for Change due to: MAT135Y5/(MAT135H5,MAT136H5), MAT134Y5/(MAT132H5,MAT134H5)

change:

Before:

Limited Enrolment: Enrolment in the Minor program is limited to students with a 63% in ECO100Y5, and **MAT133Y5(63%)/MAT134Y5/135Y5/137Y5.**

First Year ECO100Y5(63%); **MAT133Y5 (63%)/134Y5/135Y5/1375**

After:

Limited Enrolment: Enrolment in the Minor program is limited to students with a 63% in ECO100Y5, and

MAT133Y5(63%)/MAT134Y5/(MAT132H5,MAT134H5)/MAT135Y5/(MAT135H5,MAT136H5,

First Year ECO100Y5(63%); **MAT133Y5(63%)/ MAT134Y5/(MAT132H5,MAT134H5)/**

MAT135Y5/(MAT135H5,MAT136H5)/ MAT137Y5

Program #13 ERSPE0137 Economics (Commerce)

Rationale for change:

Change due to: MAT135Y5/(MAT135H5,MAT136H5), MAT134Y5/(MAT132H5,MAT134H5). Clarification on eligible BCom subject posts.

Before:

Limited Enrolment: This program may only be taken jointly with ~~the~~ Specialist program in Commerce and ~~Finance and~~ leads to a BCom degree. Students must be accepted ~~in the~~ Commerce ~~and Finance~~ (BCom) Program in order to complete this Economics (BCom) program. Enrolment in this program is limited to students with 70% in ECO100Y5 AND (80% in MAT133Y5 or 63% in MAT134Y5/135Y5 or 60% in MAT137Y5) AND 63% in MGT120H5 AND a minimum cumulative GPA which is determined annually. Students must be accepted in ~~ERSPE2273~~ to qualify for this program.

First Year ECO100Y5; ~~MAT133Y5/134Y5/135Y5/137Y5~~; MGT120H5; MGM101H5
Higher Years

- Additional MGT Requirements (5.0 credits)
- MGT223H5, 220H5, 337Y5/(338H5,339H5)
- 1.0 credit from: MGT252H5, 262H5, 353H5, 363H5, 371H5/422H5, 374H5, 393H5
- 1.0 credit in MGT at 400 level
- 1.0 credit in MGT at 200+ level
- No more than 15.0 credits in COM(G), MGD, MGT, MGM and ECO may be counted toward degree. STA248H5/258H5, 257H5, 261H5 count as ECO credits
- Additional ECO Requirements (6.0 credits):
- ECO206Y5, ~~208Y5, 227Y5/STA(257H5/256H5,261H5/260H5)/STA(257H5/256H5,248H5/258H5)~~
- ECO327Y5/375H5
- One Economic History credit from: ECO(302H5,303H5)/322Y5/323Y5
- ECO325H5, ~~326H5~~, plus 0.5 additional ECO credit at the 300+ level
- Writing Component (1.0 credit):
- One credit from the following: ANT204Y5/204H5; CLA (expect 201H5);
- one of (ECO302H5, 303H5, 318H5, 320Y5, 324Y5, 333Y5, 336Y5, 343H5, 344H5, 373Y5, 399Y5, 412Y5, 433H5, 435H5, 439Y5, 456H5, 463H5, 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC300Y5); WRI.

After:

Limited Enrolment: This program may only be taken jointly with a Specialist program in Commerce and leads to a BCom degree. Students must be accepted into a Commerce **Specialist** (BCom) Program in order to complete this Economics (BCom) program. Enrolment in this program is limited to students with 70% in ECO100Y5 AND (80% in MAT133Y5 or 63% in MAT134Y5/135Y5 or **(MAT132H5(63%),MAT134H5(63%)) or (MAT135H5(63%),MAT136H5(63%))** or 60% in MAT137Y5) AND 63% in MGT120H5 AND a minimum cumulative GPA which is determined annually. Students must be accepted in **one of the following Commerce programs** to qualify for this **program: ERSPE2273, ERSPE2034, ERSPE1704.****This program can only be taken jointly with a Commerce Specialist program. Students must be accepted to, or currently enrolled in, a Commerce (BCom) Specialist Program in order to be admitted to this** program.

First Year ECO100Y5;

MAT133Y5/MAT134Y5/(MAT132H5,MAT134H5)/MAT135Y5/(MAT135H5,MAT136H5)/MAT137Y5;

MGT120H5; MGM101H5

Higher Years

- Additional MGT Requirements (5.0 credits)

- MGT223H5, 220H5, 337Y5/(338H5,339H5)
- 1.0 credit from: MGT252H5, 262H5, 353H5, 363H5, 371H5/422H5, 374H5, 393H5
- 1.0 credit in MGT at 400 level
- 1.0 credit in MGT at 200+ level
- No more than 15.0 credits in COM(G), MGD, MGT, MGM and ECO may be counted toward degree. STA248H5/258H5, 257H5, 261H5 count as ECO credits
- Additional ECO Requirements (6.0 credits):

- ECO206Y5, **ECO208Y5,**

ECO227Y5/STA(257H5/256H5,261H5/260H5)/STA(257H5/256H5,248H5/258H5)

- ECO327Y5/375H5

- One Economic History credit from: ECO(302H5,303H5)/322Y5/323Y5

- ECO325H5, **ECO326H5,** plus 0.5 additional ECO credit at the 300+ level

- Writing Component (1.0 credit):

One credit from the following: ANT204Y5/204H5; CLA (expect 201H5);

one of (ECO302H5, 303H5, 318H5, 320Y5, 324Y5, 333Y5, 336Y5, 343H5, 344H5, 373Y5, 399Y5, 412Y5, 433H5, 435H5, 439Y5, 456H5, 463H5, 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC300Y5); WRI.

Program #14 ERSPE0727 Criminology, Law and Society (Arts)

Rationale for change:

To refine the admissions language and expectations in order to clarify the requirements for students. SOC222H5 reference change required as SOC222H5 required for 300-level courses. New Group A and B courses added to reflect new and re-numbered courses.

Before:

Limited Enrolment: ~~Students applying at the end of first year (4.0 credits) must have a grade of at least 70 in SOC100H5 and a CGPA of at least 2.0. Students who do not earn a grade of at least 70 in SOC100H5 and a CGPA of at least 2.0 at the end of first year (4.0 credits) must have a grade of at least 73 in each of 2 half SOC courses (1.0 credits) at the 200 level and a CGPA of at least 2.0.~~

Higher Years Please ~~be aware of the~~ upper-year prerequisite requirements when choosing your courses.

Students must have completed all published prerequisites in order to enroll in 300- and 400-level courses.
~~Students without prerequisites can be removed at any time. No waivers will be granted.~~

Students must enrol in SOC205H5, SOC209H5, ~~SOC221H5~~ and SOC231H5 upon entering the ~~program~~ and observe the following program requirements:

- SOC205H5, SOC209H5, SOC221H5, SOC231H5 (required for most 300-level SOC courses)
 - ~~SOC222H5 (required for SOC350H5, SOC387H5 and most 400-level SOC courses)~~
 - ~~SOC350H5, SOC387H5~~
 - 1.0 credit at the 400 level
 - 5.0 additional credits, of which 2.0 credits must be at the 300/400 level; of these 5.0 credits, 3.5 must be from Group A, and 1.5 must be from Group A or B (see section below for details).
- Optional Courses 3.5 credits ~~must be selected~~ from Group A and an additional 1.5 credits from Group A or Group B.

Group A:

SOC206H5, SOC208H5, SOC211H5, SOC216H5, SOC219H5, ~~SOC300H5~~, SOC301H5, SOC303H5, SOC306H5, SOC310H5, SOC311H5, ~~SOC313H5~~, SOC316H5, SOC320H5, SOC322H5, SOC323H5, SOC325H5, SOC326H5, SOC327H5, SOC328H5, SOC330H5, SOC338H5, SOC346H5, SOC351H5, SOC357H5, SOC371H5, SOC378H5, SOC379H5, SOC382H5, SOC393H5, SOC394H5, SOC401H5, SOC403H5, SOC420H5, SOC421H5, SOC423H5, SOC429H5, SOC432H5, SOC440H5, SOC446H5, SOC447H5, SOC448H5, SOC450H5, SOC456H5, SOC475H5, SOC493H5, SOC494H5

~~With Department approval only:~~ SOC299Y5, SOC399Y5, SOC480Y5, SOC499Y5

Group B:

ANT205H5, ANT209H5, ANT217H5, ANT306H5, ANT352H5, ANT354H5, ANT369H5, ANT439H5
FSC239Y5, FSC271H5, FSC360H5, FSC406H5
PHL246H5, PHL265H5, PHL271H5, PHL274H5, PHL275H5, PHL277Y5, PHL365H5, PHL370H5, PHL374H5, PHL376H5
POL208Y5, POL214Y5, POL310Y5, POL340Y5, POL343Y5
PSY220H5, PSY230H5, PSY240H5, PSY270H5, PSY 328H5, PSY340H5, PSY341H5, PSY344H5, PSY346H5, PSY440H5
SOC253H5, SOC263H5, SOC275H5, SOC318H5, SOC332H5, SOC342H5, SOC359H5, SOC364H5, SOC380H5, SOC425H5, SOC457H5, SOC460H5, ~~SOC463H5~~
WGS215H5, WGS365H5, WGS373H5, WGS420H5

After:

Limited Enrolment: Admission is based on the following criteria:

- Credits: Students must have a minimum of 4.0 credits.
- Prerequisite Course(s): Students must have a final mark of 70% in their first successful attempt at UTM SOC100H5 or a final mark of 73% in each of two 0.5 credit UTM SOC courses at the 200 level or above.
- Cumulative Grade Point Average (CGPA): The Department of Sociology determines the CGPA requirement each admission period in relation to the number of applicants and it is never below 2.00. Note: Meeting the minimum requirements does not guarantee admission. Higher Years Please note upper-year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in 300- and 400-level courses.

Students must enrol in SOC205H5, SOC209H5, SOC221H5, SOC222H5 and SOC231H5 upon entering the program, and observe the following program requirements:

- SOC205H5, SOC209H5, SOC221H5, SOC222H5, SOC231H5 (required for most 300-level SOC courses)
 - SOC350H5, SOC387H5
 - 1.0 credit at the 400 level
 - 5.0 additional credits, of which 2.0 credits must be at the 300/400 level; of these 5.0 credits, 3.5 must be from Group A, and 1.5 must be from Group A or B (see section below for details).
- Optional Courses Select 3.5 credits from Group A and an additional 1.5 credits from Group A or Group B.

Group A:

SOC206H5, SOC208H5, SOC211H5, SOC216H5, SOC219H5, SOC301H5, SOC303H5, SOC306H5, SOC310H5, SOC311H5, SOC316H5, SOC320H5, SOC322H5, SOC323H5, SOC324H5, SOC325H5, SOC326H5, SOC327H5, SOC328H5, SOC330H5, SOC337H5, SOC338H5, SOC346H5, SOC351H5,

SOC357H5, SOC365H5, SOC366H5, SOC371H5, SOC378H5, SOC379H5, SOC382H5, SOC393H5, SOC394H5, SOC401H5, SOC403H5, SOC420H5, SOC421H5, SOC423H5, SOC429H5, SOC432H5, SOC440H5, SOC446H5, SOC447H5, SOC448H5, SOC450H5, SOC456H5, SOC475H5, SOC493H5, SOC494H5

Group A with Department Approval Only:

SOC299H5, SOC299Y5, SOC399H5, SOC399Y5, SOC480Y5, SOC499H5, SOC499Y5

Group B:

ANT205H5, ANT209H5, ANT217H5, ANT306H5, ANT352H5, ANT354H5, ANT369H5, ANT439H5
FSC239Y5, FSC271H5, FSC360H5, FSC406H5
PHL246H5, PHL265H5, PHL271H5, PHL274H5, PHL275H5, PHL277Y5, PHL365H5, PHL370H5,
PHL374H5, PHL376H5
POL208Y5, POL214Y5, POL310Y5, POL340Y5, POL343Y5
PSY220H5, PSY230H5, PSY240H5, PSY270H5, PSY328H5, PSY340H5, PSY341H5, PSY344H5,
PSY346H5, PSY440H5
SOC253H5, SOC263H5, SOC275H5, SOC302H5, SOC318H5, SOC332H5, SOC342H5, SOC359H5,
SOC364H5, SOC380H5, SOC425H5, SOC455H5, SOC457H5, SOC460H5, SOC463H5, SOC476H5
WGS215H5, WGS365H5, WGS373H5, WGS420H5

Program #15 ERSPE0751 Economics and Political Science (Arts)

- Rationale for change:** Change due to: MAT135Y5/(MAT135H5,MAT136H5), MAT134Y5/(MAT132H5,MAT134H5)
- Before:** Limited Enrolment: Enrolment in this program is limited. Students enrolling at the end of first year (4.0 credits) must obtain:
- a mark of at least 70% in 1.0 POL credit and at least 63% in ECO100Y5, MAT133Y5 (63%)/
MAT134Y5/ MAT135Y5/ MAT137Y5 and a minimum Cumulative Grade Point Average of 2.00.
Students enrolling at the end of second year (8.0 credits) must obtain:
- a mark of at least 70% in each of 2.0 POL credits and at least 63% in ECO100Y5, MAT133Y5 (63%)/
MAT134Y5/ MAT135Y5/ MAT137Y5 and a minimum Cumulative Grade Point Average of 2.30
Within an honours degree, the following credits must be included in the program: Economics 7.0 credits
- ECO100Y5; **MAT133Y5/134Y5/135Y5**
- **ECO200Y5/204Y5/206Y5,202Y5/208Y5/209Y5,220Y5/227Y5/**
STA(250H1,257H5/256H5)/STA(257H5/256H5,261H5/260H5)/ STA(257H5/256H5,248H5/258H5)
- ECO(302H5,303H5)/322Y5/323Y5
- 1.0 additional 300/400-level ECO credit Political Science 7.0 credits in POL, including at least 1.0 credit at the 400 level.
- POL200Y5,214Y,309Y5
- 1.0 credit from two of the following three fields: Comparative Politics International Relations Public Policy and Public Administration
- 2.0 additional POL credits
- After:** Limited Enrolment: Enrolment in this program is limited. Students enrolling at the end of first year (4.0 credits) must obtain:
- a mark of at least 70% in 1.0 POL credit and at least 63% in ECO100Y5, MAT133Y5 (63%)/
MAT134Y5/(MAT132H5,MAT134H5)/
MAT135Y5/(MAT135H5,MAT136H5)/ MAT137Y5 and a minimum Cumulative Grade Point Average of 2.00. Students enrolling at the end of second year (8.0 credits) must obtain:
- a mark of at least 70% in each of 2.0 POL credits and at least 63% in ECO100Y5, MAT133Y5 (63%)/
MAT134Y5/(MAT132H5,MAT134H5)/
MAT135Y5/(MAT135H5,MAT136H5)/ MAT137Y5 and a minimum Cumulative Grade Point Average of 2.30 Within an honours degree, the following credits must be included in the program: Economics 7.0 credits
- ECO100Y5; **MAT133Y5/ MAT134Y5/(MAT132H5,MAT134H5)/**
MAT135Y5/(MAT135H5,MAT136H5)
- **ECO200Y5/204Y5/206Y5, ECO202Y5/208Y5/209Y5,**
ECO220Y5/227Y5/ STA(250H1,257H5/256H5)/STA(257H5/256H5,261H5/260H5)/
STA(257H5/256H5,248H5/258H5)
- ECO(302H5,303H5)/322Y5/323Y5
- 1.0 additional 300/400-level ECO credit Political Science 7.0 credits in POL, including at least 1.0 credit at

- the 400 level.
- POL200Y5,214Y,309Y5
- 1.0 credit from two of the following three fields: Comparative Politics International Relations Public Policy and Public Administration
- 2.0 additional POL credits

Program #16 ERSPE1013 Sociology (Arts)

- Rationale for change:** To refine the admissions language and expectations in order to clarify the requirements for students. SOC222H5 reference change required as SOC222H5 required for 300-level courses
- Before:** Limited Enrolment: ~~Students applying at the end of first year (4.0 credits) must have a grade of at least 70 in SOC100H5 and a CGPA of at least 2.0. Students who do not earn a grade of at least 70 in SOC100H5 and a CGPA of at least 2.0 at the end of first year (4.0 credits) must have a grade of at least 73 in each of 2 half SOC courses (1.0 credits) at the 200 level and a CGPA of at least 2.0.~~
Higher Years Please ~~be aware of the~~ upper-year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in 300- and 400-level courses. ~~Students without prerequisites can be removed at any time. No waivers will be granted.~~
- Students must enroll in ~~SOC221H5~~ and SOC231H5 upon entering the ~~program~~ and observe the following program requirements:
- ~~SOC221H5~~ and SOC231H5 (required for most 300-level ~~SOC courses~~)
 - ~~SOC222H5 (required for SOC350H5, SOC387H5 and most 400-level SOC courses)~~
 - SOC350H5 and SOC387H5
 - 1.0 SOC credit at the 400 level, of which 0.5 credit must be a seminar
 - 6.0 additional SOC credits, of which 3.0 credits must be at the 300/400 level.

- After:** Limited Enrolment: Admission is based on the following criteria:
- Credits: Students must have a minimum of 4.0 credits.
 - Prerequisite Course(s): Students must have a final mark of 70% in their first successful attempt at UTM SOC100H5 or a final mark of 73% in each of two 0.5 credit UTM SOC courses at the 200 level or above.
 - Cumulative Grade Point Average (CGPA): The Department of Sociology determines the CGPA requirement each admission period in relation to the number of applicants and it is never below 2.00. Note: Meeting the minimum requirements does not guarantee admission.
- Higher Years Please note upper-year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in 300- and 400-level courses.
- Students must enroll in SOC221H5, SOC222H5 and SOC231H5 upon entering the program, and observe the following program requirements:
- SOC221H5, SOC222H5 and SOC231H5 (required for most 300-level SOC courses)
 - SOC350H5 and SOC387H5
 - 1.0 SOC credit at the 400 level, of which 0.5 credit must be a seminar
 - 6.0 additional SOC credits, of which 3.0 credits must be at the 300/400 level.

Program #17 ERSPE1307 Digital Enterprise Management (Arts)

- Rationale for change:** The new 3rd year program requirements are to replace SH courses. MGD425H5 has been added to the MGD electives to give students more choices.
- Before:**
- Third and Higher Years
- CCT319H5, 321H5, 322H5, 324H5, 355H5, **356H5**, 361H5
 - CCT404H5, 424H5, 461H5, MGD421H5, 426H5, 428H5 and 1.0 credit from CCT401H5, 410H5, MGD415H5, 422H5, 423H5, 427H5, 429H5, 430H5
 - In addition, 2.0 credits from any 300/400 CCT/MGD level courses. Cannot include any courses already used above.
- After:**
- Third and Higher Years
- CCT319H5, 321H5, 322H5, 324H5, **354H5**, 355H5, 361H5

- CCT404H5, 424H5, 461H5, MGD421H5, 426H5, 428H5 and 1.0 credit from CCT401H5, 410H5, MGD415H5, 422H5, 423H5, **425H5**, 427H5, 429H5, 430H5
- In addition, 2.0 credits from any 300/400 CCT/MGD level courses. Cannot include any courses already used above.

Program #18 ERSPE1384 International Affairs (Arts)

- Rationale for change:** Change due to: MAT135Y5/(MAT135H5,MAT136H5),MAT134Y5/(MAT132H5,MAT134H5) Error correction: "POL375H5" removed because this was actually a typing error from a previous session when an ECO course, ECO327Y5, was replaced with ECO375H5. Clarification on requirement D "list of credits" by reordering and changing "/" to "," to indicate a list of options because some are half-credit courses.
- Before:** Limited Enrolment: Enrolment in this program is limited to students who have 63% in ECO100Y5; 1.0 introductory language credit, a CGPA of ~~2.0 and MAT133Y5 (63%) MAT134Y5 MAT135Y5 MAT137Y5.A~~. 7.0 credits are required from the following list: ECO100Y5; ~~MAT133Y5/134Y5/135Y5;~~ ECO200Y5/204Y5/206Y5, ~~202Y5/208Y5/209Y5,220Y5/227Y5,364H5,365H5;~~ POL208Y5 B. 4.0 language credits in the same discipline. C. 3.0 credits from: ~~ENV311H5,GGR325H5,333H5,365H5;HIS311Y5/HIS311H5; POL302Y5,327Y5/375H5,340Y5,343Y5,475H5~~ D. 1.0 credit from: ~~ECO400Y5/406H5/411H5/412Y5/433H5/435H5/436H5/439Y5/456H5/460H5/461H5/463H5;~~ a 400-level language ~~course. The following 400-level St. George courses will also fulfill this requirement: ECO419H1, 459H1, POL454Y1~~ or a 400-level course from a cognate discipline approved by the ~~faculty advisor~~. Eligible Language components available at U of T Mississauga: French: FSL205Y5, FSL305Y5, FSL405H5, FSL406H5, FSL466H. NOTE: Students exempted from lower level courses may replace them with a higher level language courses in FRE (FRE283H5, FRE382H5, FRE383H5) German: GER100Y5, 200Y5, 300Y5, 330H5, 370H5 (300/400 level German courses not always available at UTM.) Italian: ITA100Y5, 200Y5, 231H5, 232H5, 315Y5, 350Y5, 371Y5, 413Y5, 437Y5, 420Y5 Spanish: SPA100Y5, 220Y5, 259H5, 320Y5, 323H5 Chinese: CHI100Y5, 200Y5 (or CHI201Y5/(CHI201H5,CHI202H5)), 301Y5, 310H5, 311H5, 408H5 Note: Other languages can be considered with the approval of the Department. Students without pre- and co-requisites or written permission of the instructor can be deregistered from courses at any time.
- After:** Limited Enrolment: Enrolment in this program is limited to students who have 63% in ECO100Y5; 1.0 introductory language credit, MAT133Y5 (63%) MAT134Y5/(MAT132H5,MAT134H5)/ MAT135Y5/(MAT135H5,MAT136H5)/ MAT137Y5, and a CGPA of 2.00.A. 7.0 credits are required from the following list: ECO100Y5; MAT133Y5/MAT134Y5/(MAT132H5,MAT134H5)/135Y5/(MAT135H5,MAT136H5); ECO200Y5/204Y5/206Y5, ECO202Y5/208Y5/209Y5, ECO220Y5/227Y5, ECO364H5, ECO365H5; POL208Y5 B. 4.0 language credits in the same discipline. C. 3.0 credits from: ENV311H5,GGR325H5,GGR333H5, GGR365H5; HIS311Y5/HIS311H5; POL302Y5, POL327Y5, POL340Y5, POL343Y5, POL475H5 D. 1.0 credit from: ECO400Y5,406H5,411H5,412Y5,433H5,435H5,436H5,439Y5,456H5,460H5,461H5,463H5, ECO419H1,459H1, POL454Y1, a 400-level language course; or a 400-level course from a cognate discipline approved by the Faculty Advisor. Eligible Language components available at U of T Mississauga: French: FSL205Y5, FSL305Y5, FSL405H5, FSL406H5, FSL466H. NOTE: Students exempted from lower level courses may replace them with a higher level language courses in FRE (FRE283H5, FRE382H5, FRE383H5) German: GER100Y5, 200Y5, 300Y5, 330H5, 370H5 (300/400 level German courses not always available at UTM.) Italian: ITA100Y5, 200Y5, 231H5, 232H5, 315Y5, 350Y5, 371Y5, 413Y5, 437Y5, 420Y5 Spanish: SPA100Y5, 220Y5, 259H5, 320Y5, 323H5 Chinese: CHI100Y5, 200Y5 (or CHI201Y5/(CHI201H5,CHI202H5)), 301Y5, 310H5, 311H5, 408H5 Note: Other languages can be considered with the approval of the Department. Students without pre- and co-requisites or written permission of the instructor can be deregistered from courses at any time.

Program #19 ERSPE1425 Environmental Management (Arts)

- Rationale for change:** updated course codes
- Before:**
- Second Year: 4.5 credits
 - Environmental Management Core: ENV201H5
 - Environmental Policy Core: **JPE250Y5**
 - Social Science/Humanities Core: 1.0 credits chosen from this list: ANT241H5; ENG259H5; ENV205H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR265H5, GGR267H5, GGR287H5, GGR288H5; PHL274H5, PHL284H5
 - Science Core: 1.0 credit chosen from this list: ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5, ERS202H5, ERS203H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;
 - Quantitative, Digital, and Analytical Methods Core: 1.0 credit chosen from this list: GGR272H5,

GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5, STA221H5

After:

Second Year: 4.5 credits
- Environmental Management Core: ENV201H5
- Environmental Policy Core: **JPE251H5 + JPE252H5 (formerly JPE250Y5)**
- Social Science/Humanities Core: 1.0 credits chosen from this list: ANT241H5; ENG259H5; ENV205H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR265H5, GGR267H5, GGR287H5, GGR288H5; PHL274H5, PHL284H5
- Science Core: 1.0 credit chosen from this list: ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5, ERS202H5, ERS203H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;
- Quantitative, Digital, and Analytical Methods Core: 1.0 credit chosen from this list: GGR272H5, GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5, STA221H5

Program #20 ERSPE1478 Economics (Arts, B.Com.)

Rationale for change:

Change due to: MAT135Y5/(MAT135H5,MAT136H5), MAT134Y5/(MAT132H5,MAT134H5)

Before:

Limited Enrolment: Enrolment in this program is limited to students with ECO100Y5(70%); ~~MAT(133Y5(80%) + 233H5(63%)) or MAT(134Y5(63%) + 223H5(63%)) or MAT(135Y5(63%) + 223H5(63%)) or MAT(137Y5(60%) + 223H5(63%)); ECO206Y5(60%); ECO208Y5(60%); ECO227Y5(60%)/STA(256H5(60%),258H5(60%)/260H5(60%)).~~ **Students** should apply for this program after second year once they have completed the prerequisites listed ~~above.~~ **Specialist** Programs Note:
- Economics Specialist Program ERSPE1478 leads to an Honours BA degree.
- Economics (Commerce and Finance) Specialist Program ERSPE0137 can only be taken jointly with the Specialist program in ~~Commerce and Finance, and~~ thus leads to a BCom degree.
- Enrolment in Economics ~~(Commerce and Finance)~~ Specialist Program ERSPE0137 Program is open only to those who have been admitted to the BCom degree program.
- ECO205Y5, ECO244Y5, and ECO261H5 cannot be used as requirements for this program.
First Year ECO100Y5; ~~MAT133Y5/134Y5/135Y5/137Y5;~~ MAT223H5/233H5
Higher Years
- ECO206Y5, 208Y5, 227Y5/STA(256H5,258H5/260H5), ECO(302H5,303H5)/322Y5/323Y5, ~~326H5, 327Y5/375H5~~
- 5.0 additional 300+ level ECO credits, including at least 1.0 at the 400 level

After:

Limited Enrolment: Enrolment in this program is limited to students with ECO100Y5(70%); (MAT135Y5(63%) + MAT223H5(63%)) or ((MAT135H5(63%),MAT136H5(63%)) + MAT223H5(63%)) or (MAT133Y5(80%) + MAT233H5(63%)) or (MAT134Y5(63%) + MAT223H5(63%)) or ((MAT132H5(63%) + MAT134H5(63%)) + MAT223H5(63%)) or (MAT137Y5(60%) + MAT223H5(63%));
ECO206Y5(60%);
ECO208Y5(60%);
ECO227Y5(60%)/STA(256H5(60%),258H5(60%)/260H5(60%)). **Students** should apply for this program after second year once they have completed the prerequisites listed above. Note: After first year, students are recommended to apply for the Economics Major program (ERMAJ1478). **Specialist** Programs Note:
- Economics Specialist Program ERSPE1478 leads to an Honours BA degree.
- Economics (Commerce and Finance) Specialist Program ERSPE0137 can only be taken jointly with the Specialist program in Commerce, and thus leads to a BCom degree.
- Enrolment in Economics (Commerce) Specialist Program ERSPE0137 Program is open only to those who have been admitted to the BCom degree program.
- ECO205Y5, ECO244Y5, and ECO261H5 cannot be used as requirements for this program.
First Year ECO100Y5;
MAT133Y5/MAT134Y5/(MAT132H5,MAT134H5)/MAT135Y5/(MAT135H5,MAT136H5)/MAT137Y5;
MAT223H5/233H5
Higher Years
- ECO206Y5, 208Y5, 227Y5/STA(256H5,258H5/260H5), ECO(302H5,303H5)/322Y5/323Y5, ECO325H5, ECO326H5, ECO327Y5/375H5
- 5.0 additional 300+ level ECO credits, including at least 1.0 at the 400 level

Program #21 ERSPE1666 Geography (Arts)

Rationale for change:

updated course options, removed GGR380H5, this course is no longer offered.

Before:

Third Year 4.5 credits from the following:
ENV311H5; GGR313H5, GGR318H5, GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5,
GGR353H5, GGR361H5, GGR363H5, GGR365H5, GGR370H5, **GGR380H5**, GGR385H5,
GGR389H5; JGE378H5

After:

Third Year 4.5 credits from the following:
ENV311H5; GGR313H5, GGR318H5, GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5,
GGR353H5, GGR361H5, GGR363H5, GGR365H5, GGR370H5, GGR385H5, GGR389H5; JGE378H5

Program #22 ERSPE1704 Commerce: Accounting (BCom)

Rationale for change: Removed out of date Eco courses that counted towards writing requirements. Increased average for MAT 133/135 to be in line with ECO 220 requirements. Removed old note - 15 credit cap has been modified. Math codes updated to reflect division of MAT 135 into MAT 135 and MAT 136.

Before: Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses: ECO100Y5 (63%); MGM101H5 (63%); MGT120H5 (63%); MAT133Y5/MAT135Y5 **(50%)** in a minimum of 4.0 credits.

- Cumulative Grade Point Average (CGPA): Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.

- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits: Students applying to Commerce with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T.

- The combined CGPA of all courses taken at another institution

plus U of T courses must meet the minimum cut off

for the year in which you are applying. Application for admission to the program for all students is made

during the Subject POSt request period in **March/April. Note: Neither MGM102H5**

nor MGT130H5 will count as a credit towards the Accounting

Specialist.

First Year (3.0 credits) MGM101H5; MGT120H5; ECO100Y5; **MAT133Y5/135Y5** (or equivalent)

Writing Requirements Writing Requirements (2.0 credit) from:

ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/ 336Y5/ 373Y5/ 399Y5/ **412Y5/**

433Y5/ 439Y5/ **318H5/** 343H5/ 344H5/ **352H5/** 406H5/ 411H5/ 435H5/ 456H5/ 463H5/ 475H5);

ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL;

RLG; SOC (excluding SOC350H5); WRI

Writing courses must be in the English Language.

After:

Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses: ECO100Y5 (63%); MGM101H5 (63%); MGT120H5 (63%); MAT133Y5/MAT135Y5 **(63%)** in a minimum of 4.0 credits.

- Cumulative Grade Point Average (CGPA): Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.

- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits: Students applying to Commerce with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T.

- The combined CGPA of all courses taken at another institution

plus U of T courses must meet the minimum cut off

for the year in which you are applying. Application for admission to the program for all students is made

during the Subject POSt request period in **March/April.**

First Year (3.0 credits) MGM101H5; MGT120H5; ECO100Y5;

MAT133Y5/(MAT135H5,MATH136H5)/MAT 135Y5 (or equivalent)

Writing Requirements Writing Requirements (2.0 credit) from:

ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/ 336Y5/ 373Y5/ 399Y5/ 439Y5/

343H5/ 344H5/ 406H5/ 411H5/ 435H5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except

245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI

Writing courses must be in the English Language.

Program #23 ERSPE1815 Commerce: Human Resource Management (BCom)

Rationale for change: Removed out of date Eco courses that were counted as writing credits. Updated math codes to reflect division of MAT 135 into MAT 135 and MAT 136.

Before:

First Year (3 credits) MGM101H5; MGT120H5; ECO100Y5; **MAT133Y5/135Y5** (or equivalent)
Writing Requirements (2 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/
324Y5/ 333Y5/ 336Y5/ 343H5/ 344H5/ 373Y5/ 399Y5/ **412Y5/ 433H5/** 435H5/ 439Y5/ 456H5/
463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5,
347H5); POL; RLG; SOC (excluding SOC300Y); WRI
Writing credits must be in the English language.

After:

First Year (3 credits) MGM101H5; MGT120H5; ECO100Y5;
MAT133Y5/(MAT135H5,MATH136H5)/MAT 135Y5 (or equivalent)
Writing Requirements (2 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/
324Y5/ 333Y5/ 336Y5/ 343H5/ 344H5/ 373Y5/ 399Y5/ 435H5/ 439Y5/ 456H5/ 463H5/ 475H5); ENG; FAH;
HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC
(excluding SOC300Y); WRI
Writing credits must be in the English language.

Program #24 ERSPE1882 Human Resource Management

Rationale for change: Updating minimum Math percentage requirements to be consistent with Commerce.

Before:

Limited Enrolment: Note: The following enrolment requirements will be in effect for students enrolling in Spring 2019. For students enrolling in the Spring 2018 enrolment period, consult the requirements stated in the 2017-18 Calendar. Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses:

ECO100Y5 (63%); MGM101H5 (63%); MGM102H5 (63%); MAT133Y5/MAT135Y5 **(50%)** in a minimum of 4.0 credits.

- Cumulative Grade Point Average (CGPA):

Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.

- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits

Students applying to Management with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.

- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POST request periods in March/April. Contact Management Department for dates.

After:

Limited Enrolment: Note: The following enrolment requirements will be in effect for students enrolling in Spring 2019. For students enrolling in the Spring 2018 enrolment period, consult the requirements stated in the 2017-18 Calendar. Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses:

ECO100Y5 (63%); MGM101H5 (63%); MGM102H5 (63%); MAT133Y5/MAT135Y5 **(63%)** in a minimum of 4.0 credits.

- Cumulative Grade Point Average (CGPA):

Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.

- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits

Students applying to Management with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.

- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POST request periods in March/April. Contact Management Department for dates.

Program #25 ERSPE2015 Political Science (Arts)

Rationale for change: updated to include new courses

Before:

- POL200Y5, 208Y5, 214Y5, 218Y5, 242Y, 320Y5
- 1.0 credit in the field of Public Policy and Public Administration: POL316Y, 317Y5, 336Y5, 346Y, 353Y5, 355Y5, 368Y, 369Y; ENV 250Y, 3551Y, 359Y, 452H; JPE 250Y; JEP 356H, 351H, 452H
- 3.0 additional POL courses

After:

- POL200Y5, 208Y5, 214Y5, 218Y5, 242Y, 320Y5
- 1.0 credit in the field of Public Policy and Public Administration: POL316Y, 317Y5, **317H5**, 336Y5, 346Y, 353Y5, 355Y5, 368Y, 369Y; ENV 250Y, 3551Y, 359Y, 452H; JPE 250Y; **251H5, 252H5**, JEP 356H, 351H, 452H
- 3.0 additional POL courses

Program #26 ERSPE2034 Commerce: Finance (BCom)

Rationale for change: Removed out of date Eco courses that were counted as writing credits. Increased average for MAT 133/135 to be in line with ECO 220 requirements. Updated Math codes to reflect division of MAT 135 into MAT 135 and MAT 136.

Before: Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses: ECO100Y5 (63%); MGT120H5 (63%); MGM101H5 (63%); MAT133Y5/MAT135Y5 **(50%)** in a minimum of 4.0 credits.
- Cumulative Grade Point Average (CGPA): Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.
- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits: Students applying to Commerce with transfer credits must meet these requirements:
- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T.
- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for all students is made during the Subject POST request period in **March/April**.
- First Year: (3 credits) MGM101H5; MGT120H5; ECO100Y5; **MAT133Y5/135Y5** (or equivalent) Writing Requirements (2.0 credits) ANT204H5; CLA (except 201H5); 1.0 credits of (ECO320Y5/ 322Y5/ 323Y5/ 336Y5/ 373Y5/ 399Y5/ **412Y5/ 433Y5/ 439Y5/ 318H5/** 343H5/ **344H5/ 352H5/ 406H5/** 411H5/ 435H5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI Writing courses must be in the English language.

After: Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses: ECO100Y5 (63%); MGT120H5 (63%); MGM101H5 (63%); MAT133Y5/MAT135Y5 **(63%)** in a minimum of 4.0 credits.
- Cumulative Grade Point Average (CGPA): Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.
- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits: Students applying to Commerce with transfer credits must meet these requirements:
- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T.
- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for all students is made during the Subject POST request period in **March/April. The prerequisite for ECO375 is a minimum of 70% obtained within ECO 220.**

First Year: (3 credits) MGM101H5; MGT120H5; ECO100Y5;

MAT133Y5/(MAT135H5,MATH136H5)/MAT 135Y5 (or equivalent)

Writing Requirements (2.0 credits) ANT204H5; CLA (except 201H5); 1.0 credits of (ECO320Y5/ 322Y5/ 323Y5/ 336Y5/ 373Y5/ 399Y5/ **/439Y5/** 343H5/ **344H5/406H5/** 411H5/ 435H5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI
Writing courses must be in the English language.

Program #27 ERSPE2273 Commerce (BCom)

Rationale for change: Removed out of date Eco courses that were counted as writing credits. Increased average for MAT 133/135 to be in line with ECO 220 requirements. Changed Math codes to reflect division of MAT 135Y into 2 half courses - MAT135 and MAT136.

Before: Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses: ECO100Y5 (63%); MGM101H5 (63%); MGT120H5 (63%); MAT133Y5/MAT135Y5 **(50%)** in a minimum of 4.0 credits.

- Cumulative Grade Point Average (CGPA): Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.

- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits: Students applying to Commerce with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T.

- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for all students is made during the Subject POST request period in March/April.

First year (3.0 credits) MGM101H5; MGT120H5; ECO100Y5; **MAT133Y5/MAT135Y5** (or equivalent)

Writing Requirements (2.0 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/ 336Y5/ 373Y5/ 399Y5/ **412Y5/ 433Y5/** 439Y5/ **318H5/** 343H5/ **344H5/ 352H5/ 406H5/** 411H5/ 435H5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI.
Writing courses must be in the English language.

After: Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses: ECO100Y5 (63%); MGM101H5 (63%); MGT120H5 (63%); MAT133Y5/MAT135Y5 **(63%)** in a minimum of 4.0 credits.

- Cumulative Grade Point Average (CGPA): Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.

- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits: Students applying to Commerce with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T.

- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for all students is made during the Subject POST request period in March/April.

First year (3.0 credits) MGM101H5; MGT120H5; ECO100Y5;

MAT133Y5/(MAT135H5,MATH136H5)/MAT 135Y5 (or equivalent)

Writing Requirements (2.0 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/ 336Y5/ 373Y5/ 399Y5/ 439Y5/ 343H5/ **344H5/406H5/** 411H5/ 435H5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI.
Writing courses must be in the English language.

Program #28 ERSPE2380 Commerce: Marketing (BCom)

Rationale for change: Removed out of date Eco courses that were counted as writing credits. Increased average for MAT 133/135 to be in line with ECO 220 requirements. Updated math codes to reflect division of MAT 135 into MAT 135 and MAT 136.

Before:

Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses: ECO100Y5 (63%); MGT120H5 (63%); MGM101H5 (63%); MAT133Y5/MAT135Y5 **(50%)** in a minimum of 4.0 credits.
- Cumulative Grade Point Average (CGPA): Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.
- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits: Students applying to Commerce with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T.
- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for all students is made during the Subject POST request period in March/April.

First Year: (3 credits) MGM101H5, MGT120H5, ECO100Y5, **MAT133Y5/135Y5** (or equivalent)
 Writing Requirements: (2 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/ 336Y5/ 373Y5/ 399Y5/ **412Y5/ 433Y5/** 439Y5/ **318H5/** 343H5/ 344H5/ **352H5/** 406H5/ 411H5/ 435H5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI
 Writing credits must be in the English language.

After:

Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses: ECO100Y5 (63%); MGT120H5 (63%); MGM101H5 (63%); MAT133Y5/MAT135Y5 **(63%)** in a minimum of 4.0 credits.
- Cumulative Grade Point Average (CGPA): Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.
- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits: Students applying to Commerce with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T.
- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for all students is made during the Subject POST request period in March/April.

First Year: (3 credits) MGM101H5, MGT120H5, ECO100Y5, **MAT133Y5/(MAT135H5,MATH136H5)/MAT 135Y5** (or equivalent)
 Writing Requirements: (2 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/ 336Y5/ 373Y5/ 399Y5/ 439Y5/ 343H5/ 344H5/ 406H5/ 411H5/ 435H5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI
 Writing credits must be in the English language.

Program #29 ERSPE2431 Management

Rationale for change: Updating minimum Math percentage requirements to be consistent with Commerce.

Before:

Limited Enrolment: Enrolment Requirements:

Note: The following enrolment requirements will be in effect for students enrolling in Spring 2019. For students enrolling in the Spring 2018 enrolment period, consult the requirements stated in the 2017-18 Calendar. Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses: ECO100Y5 (63%); MGM101H5 (63%); MGM102H5 (63%); MAT133Y5/MAT135Y5 **(50%)** in a minimum of 4.0 credits.
- Cumulative Grade Point Average (CGPA) Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.
- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits Students applying to Management with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.
- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POST request periods in March/April. Contact Management Department for dates.

After: Limited Enrolment: Enrolment Requirements:
 Note: The following enrolment requirements will be in effect for students enrolling in Spring 2019. For students enrolling in the Spring 2018 enrolment period, consult the requirements stated in the 2017-18 Calendar. Enrolment in this program is limited to students who meet the following criteria:
 - Prerequisite Courses: ECO100Y5 (63%); MGM101H5 (63%); MGM102H5 (63%); MAT133Y5/MAT135Y5 **(63%)** in a minimum of 4.0 credits.
 - Cumulative Grade Point Average (CGPA) Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.
 - Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits Students applying to Management with transfer credits must meet these requirements:
 - The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.
 - The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POST request periods in March/April. Contact Management Department for dates.

Program #30 ERSPE2722 Financial Economics (Science)

Rationale for change: Added Math admission option MAT133Y5 (80%) + MAT233H5 (63%), and added 63% in MAT233H5 to the MAT135Y5 requirement. This now aligns with other Economics subject posts. Minimum grade requirements set to align with ECO Specialist program (ERSPE1478). Edited for: MAT135Y5/(MAT135H5,MAT136H5), MAT134Y5/(MAT132H5,MAT134H5) and removed % requirements from "First Year" listing to match other Calendar entries.

Before: Limited Enrolment: Enrolment in this program is limited to students with 70% in ~~ECO100Y1/100Y5~~, 63% in ~~MAT134Y5/135Y1/135Y5~~ or ~~60%~~ in ~~MAT137Y1/137Y5/157Y1~~, ~~70%~~ in ~~ECO206Y1/206Y5~~, ~~70%~~ in ~~ECO208Y1/208Y5~~, ~~70%~~ in ~~ECO227Y1/227Y5/STA(257H1(70%), 261H1(70%))/STA(256H5(70%), 260H5(70%))~~. There will be a limited number of spaces available for which students can apply after completion of at least 8 full credits (including prerequisites listed above) and a CGPA of 3.3, or with the approval of the Chair or Associate Chair of the Economics Department. Students enrolled in this program cannot simultaneously be enrolled in any other Economics specialist, joint specialist, major or minor program, or in the Commerce and Finance Program. Note: Some required courses may be offered on one campus in any given year. Students registered at either the UTM or St. George campus may have to attend lectures on the other campus in such ~~cases. 13~~ full ~~credits~~ including at least 1.0 credit at the 400 level. First Year ~~ECO100Y5/100Y1~~; ~~63%~~ in ~~MAT134Y5~~ or ~~63%~~ in ~~MAT135Y1/135Y5~~ or ~~60%~~ in ~~MAT137Y1/137Y5/157Y1~~
 Higher Years
 - ~~ECO206Y5/206Y1~~
 - ~~ECO208Y5/208Y1~~
 - ~~ECO227Y5/227Y1/STA(257H1,261H1)/STA(257H5/256H5,261H5/260H5)~~
 - ~~ECO326H5/326H1; ECO326H5/326H1~~
 - ~~ECO327Y5*/375H5/ECO(375H1)*~~
 - ~~ECO358H5/358H1; ECO359H5/359H1~~
 - ~~5-5~~ additional full 300+ ECO credits of which at least 1.5 credits must be chosen from ~~ECO348H5/349H5/349H1,356H1,434H5,440H5,456H5,460H5,461H5/461H1,462H1,463H5,475H5~~. Not more than one full credit may be in Economic History.

~~* MAT223H5/223H1/224H5/240H1 is strongly recommended as preparation for ECO327Y5/375H5/375H1. Students taking one of these credits can have that course count in lieu of one half of a 300+ ECO credit required for this program.~~

After: Limited Enrolment: Enrolment in this program is limited to students with 70% in ECO100Y5: (63% in MAT135Y5/(MAT135H5(63%).MAT136H5(63%)) + 63% in MAT223H5) or (63% in MAT134Y5/(MAT132H5(63%).MAT134H5(63%)) + 63% in MAT223H5) or (60% in MAT137Y5/MAT157Y1) or (80% in MAT133Y5 and 63% in MAT233H5): 70% in ECO206Y5; 70% in ECO208Y5; 70% in ECO227Y5 or (STA256H5(70%).STA260H5(70%)) or (STA257H1(70%).STA261H1(70%)). There will be a limited number of spaces available for which students can apply after completion of at least 8 full credits (including prerequisites listed above) and a CGPA of 3.3, or with the approval of the Chair or Associate Chair of the Economics Department. Students enrolled in this program cannot simultaneously be enrolled in any other Economics specialist, joint specialist, major or minor program, or in the Commerce and Finance Program. Note: Some required courses may be offered on one campus in any given year. Students registered at either the UTM or St. George campus may have to attend lectures on the other campus in such cases. This program is intended for students planning careers in finance. It prepares students for jobs in banks, investment services, insurance companies, and finance

departments of corporations and government agencies. This program will also prepare students for graduate studies in Economics or Financial Economics. Many courses in the program have a technical or analytical focus. This program has a stronger focus on courses related to Financial Economics than the Economics Specialist program (ERSPE1478). 13 full credits, including at least 1.0 credit at the 400 level.

First Year ECO100Y5; (MAT135Y5 + MAT223H5) or (MAT135H5 + MAT136H5 + MAT223H5) or (MAT134Y5 + MAT223H5) or (MAT132H5 + MAT134H5 + MAT223H5) or MAT137Y5/157Y1 or (MAT133Y5 + MAT233H5)

Higher Years

- ECO206Y5

- ECO208Y5

- ECO227Y5/STA(257H1,261H1)/STA(257H5/256H5,261H5/260H5)

- ECO325H5; ECO326H5

- ECO375H5/ECO327Y5

- ECO358H5; ECO359H5

- 5.0 additional full 300+ ECO credits of which at least 1.5 credits must be chosen from ECO348H5/349H5, ECO356H1, ECO434H5, ECO440H5, ECO456H5, ECO460H5, ECO461H5, ECO462H1, ECO463H5, ECO475H5. Not more than one full credit may be in Economic History.

Program #31 Combined Specialist in Environmental Management and MScSM

Rationale for change:

Before:

Second Year

- Environmental Management Core: ENV201H5

- Environmental Policy Core: **JPE250Y5**

- Social Science/ Humanities Core: 1.0 credits chosen from this list: ANT241H5; ENG259H5; ENV205H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR265H5, GGR267H5, GGR287H5, GGR288H5; PHL274H5, PHL284H5

- Science Core: 1.0 credit chosen from this list: ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5, ERS202H5, ERS203H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;

- Quantitative, Digital, and Analytical Methods Core: 1.0 credit chosen from this list: GGR272H5, GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5, STA221H5

After:

Second Year

- Environmental Management Core: ENV201H5

- Environmental Policy Core: **JPE251H5 + JPE252H5 (formerly JPE250Y5)**

- Social Science/ Humanities Core: 1.0 credits chosen from this list: ANT241H5; ENG259H5; ENV205H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR265H5, GGR267H5, GGR287H5, GGR288H5; PHL274H5, PHL284H5

- Science Core: 1.0 credit chosen from this list: ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5, ERS202H5, ERS203H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;

- Quantitative, Digital, and Analytical Methods Core: 1.0 credit chosen from this list: GGR272H5, GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5, STA221H5

Program #32 Combined Major in Environmental Management and MScSM

Rationale for change: updated course codes

Before:

Second Year

- Environmental Management Core: ENV201H5

- Environmental Policy Core: **JPE250Y5**

- Social Science/ Humanities Core: 0.5 credit chosen from this list: ANT241H5; ENG259H5; ENV205H5, GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR265H5, GGR267H5, GGR287H5, GGR288H5; JPE250Y5; PHL274H5, PHL284H5

- Science Core: 0.5 credit chosen from this list: ANT214H5, BIO201H5, BIO205H5, BIO211H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;

- Quantitative, Digital, and Analytical Methods Core: 0.5 credit chosen from this list: GGR272H5, GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5; or another program-relevant 200/300-level research methods course, with permission of the Program Advisor

After:

Second Year

- Environmental Management Core: ENV201H5

- Environmental Policy Core: ***JPE251H5 + JPE252H5 (formerly JPE250Y5)***

- Social Science/ Humanities Core: 0.5 credit chosen from this list: ANT241H5; ENG259H5; ENV205H5, GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR265H5, GGR267H5, GGR287H5, GGR288H5; JPE250Y5; PHL274H5, PHL284H5

- Science Core: 0.5 credit chosen from this list: ANT214H5, BIO201H5, BIO205H5, BIO211H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;

- Quantitative, Digital, and Analytical Methods Core: 0.5 credit chosen from this list: GGR272H5, GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5; or another program-relevant 200/300-level research methods course, with permission of the Program Advisor

New Courses

Course #1 ANT299H5 Research Opportunity Program EXP (SSc,SCI,EXP)

Description:	This courses provides a richly rewarding opportunity for students in their second year to work in the research project of a professor in return for 299H5 course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities (Page 21) for more details.
Exclusion:	ANT299Y5
Rationale:	As announced from the Office of the Dean at the April 2018 meeting, "H" courses for ROP are allowed.
No. Hours Instruction:	
Offered at St George:	No
Revived Course:	No

Course #2 ANT399H5 Research Opportunity Program EXP (SSc,SCI,EXP)

Description:	This course provides senior undergraduate students who have developed some knowledge of a discipline and its research methods an opportunity to work in the research project of a professor in return for course credit. Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early March. For details see Experiential and International Opportunities (Page 21).
Exclusion:	ANT399Y5
Rationale:	As announced from the Office of the Dean at the April 2018 meeting, "H" courses for ROP are allowed.
No. Hours Instruction:	
Offered at St George:	No
Revived Course:	No

Course #3 CCT212H5 Hacker Culture (SSc)

Description:	By subverting and re-appropriating technologies, hackers influence both the evolution of computing and the politics of digital media. Hacking contributes to shaping the future of entrepreneurship, free speech, surveillance, and intellectual property. The course will examine the cultural, social, and legal facets of hacking in fields ranging from software production to political activism and the hacker underground. It will be based on social science research on hackers as well as concrete examples of data re-appropriation and technology modification. [24L]
Prerequisite:	CCT109H5, CCT110H5
Rationale:	This course is part of a collection of courses that provides ICCIT students with further options within an innovative field and integrate research interests into undergraduate teaching.
No. Hours Instruction:	[24L]
Offered at St George:	No
Revived Course:	No

Course #4 CCT331H5 Social Media and Society (SSc)

Description:	This course introduces students to critical approaches to social media drawing from theories and fields including software studies, platform studies, critical theory and political economy. The course provides students with tools and theories to analyze and understand current social media connectivity, and how social media platforms function as socio-cultural systems. [24L]
Prerequisite:	CCT218H5/CCT222H5
Rationale:	Most of our students use social media on daily basis (over 79% of Canadians between the ages of 16-26 are on social media). Our students also already find jobs/internships as social media content producers, social media

platform developers, and some of them are semi-professional bloggers/vloggers making a living with social media while studying. This course is designed to answer to the question: how to critically analyze and understand social media connectivity beyond the daily user experience when it is becoming increasingly challenging the more these sites intertwine with our daily lives? This means, for example, analyzing the interfaces, business logics, terms of services, and the construction of user experiences of and on these sites. Hence, on one hand, this course is aimed at helping the students to understand what social media is and how it operates beyond the surface level (personal and professional) and on the other to educate the students to see social medias potential societal impacts. Furthermore, studies of social media have now after the US presidential elections gained a vast popular interest, and especially critical approaches are growing rapidly as an academic field of research.

No. Hours Instruction: 24L
Offered at St George: No
Revived Course: No

Course #5 CCT354H5 Digital Marketing: Planning, Executing and Evaluating (DEM) (SSc)

Description: This course examines digital marketing strategies and the role of online and mobile advertising platforms. Students will explore how emerging technologies are used to facilitate B2B and B2C transactions. A number of domains will be covered (search, display, programmatic trading, mobile, social, etc.) to give students a comprehensive understanding of both existing marketing strategies and emerging trends. This class will emphasize the strengths and weaknesses of various approaches to digital marketing while helping students develop a greater understanding of the different elements of marketing campaigns from formulation and implementation to integration and assessment. [24L]

Exclusion: CCT356H5
Prerequisite: CCT322H5
Rationale: This course replaces CCT356H5 part of the Sheridan offerings, and will be restricted to DEM students at UTM.
No. Hours Instruction: 24L
Offered at St George: No
Revived Course: No

Course #6 CCT475H5 Integrated Learning in Digital Media, Communication, and Technology (SSc)

Description: This capstone project course requires students to reflect on the experiences they gained during their two work placements connected with the *Professional Experience Certificate in Digital Media, Communication, and Technology*, and develop a comprehensive case study that integrates theories learning within their ICCIT studies with workplace applications. [24L]

Prerequisite: CCT273H5, CCT373H5
Rationale: This course is part of the 2.0 credit requirement for *The Professional Experience Certificate in Digital Media, Communication and Technology*. The course will focus on the integration of workplace experiences with the student's program of study.

No. Hours Instruction: [24L]
Offered at St George: No
Revived Course: No

Course #7 ECO399H5 Research Opportunity Program EXP (SSc,EXP)

Description: This course provides senior undergraduate students who have developed some knowledge of a discipline and its research methods, an opportunity to work in the research project of a professor in return for course credit. Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. Project descriptions for participating faculty members for the following summer and fall/winter sessions are posted on the ROP website (www.utm.utoronto.ca/428.0.html) in mid-February and students are invited to apply at that time. See also Experiential and International Opportunities <link>.

Prerequisite: Minimum of 10.0 credits completed.
Rationale: Addition of a half-course option to complement existing ROP full-credit course offering.

No. Hours
Instruction:
Offered at St No
George:
Revived Course: No

Course #8 ECO401Y5 Special Topics in Economics EXP (SSc,EXP)

Description: This course covers special topics in Economics at an advanced level. Content relates to instructor's area of interest, thus the course varies in focus from year to year. Students require specific prerequisites for each course. Details are available from the student advisor or departmental web site. [48L]

Rationale: Required to fill gap in 400-level special topics course.

No. Hours 48
Instruction:

Offered at St No
George:

Revived Course: No

Limited Enrolment

Course #9 ECO402H5 Special Topics in Economics EXP (SSc,EXP)

Description: This course covers a special topic in Economics. Content relates to instructor's area of interest, thus the course varies in focus from year to year. Students require specific prerequisites for each course. Details are available from the student advisor or departmental web site. [24L]

Rationale: Required to fill gap in 400-level special topics course.

No. Hours 24
Instruction:

Offered at St No
George:

Revived Course: No

Limited Enrolment

Course #10 FSC420H5 Field and Lab Methods in Forensic Psychology EXP (SSc,EXP)

Description: This course introduces students to field practices and research procedures in Forensic Psychology. The topics in field practice may include, but are not limited to: administering risk assessment; conducting semi-structured patient interviews; fitness to stand trial assessment; mental health diagnostics; psychological profiling in criminal investigation; administering patient records; trial preparation. The tasks related to research procedures may include, but are not limited to: research literature searches and citation management; writing ethics proposals; data collection, annotation, analysis, and storage; writing abstracts, critical analysis, and methods; writing peer-review responses; formalizing and executing research theory, hypotheses and design. [12L, 36P]

Prerequisite: FSC220H5; PSY344H5

Rationale: Following the self study for the external review, there was a recognition that students in the forensic psychology stream were not being sufficiently being prepared for graduate work in this field and are lacking in experiential opportunity, which this course will provide.

No. Hours [12L, 36P]
Instruction:

Offered at St No
George:

Revived Course: No

Course #11 FSC430H5 Seminar in Forensic Science (SSc,SCI)

Description: Key themes in forensic science will be addressed, informed by the various interdisciplinary perspectives of students enrolled in the Forensic Science Minor. [36S]

Prerequisite: FSC360H5

Rationale: This will be the capstone experience for students in the minor program allowing them to explore the ways in which forensic science can inform their primary field of expertise and vice-versa.

No. Hours
Instruction:
Offered at St No
George:
Revived Course: No

Course #12 GGR362H5 Exploring Urban Neighbourhoods (SSc)

Description: With a majority of the world's population living in urban areas, nearly all of the problems and possibilities of society and human-environment relations are becoming urban questions. The city is the setting in which broad social, cultural, political, and economic processes unfold, mediated and shaped by local context. Our focus in this course is the internal structure of the city. We examine the ways in which local experiences and conditions of urban life are shaped by social differentiation and processes of change. Our examination includes considerations of race, class, gender, and ethnicity in the context of urban life as a way of exploring how identity and place shape one another. We consider different theoretical frameworks that researchers utilise to make sense of both the persistence of old problems and the emergence of new ones. Instruction will adopted a blended approach in which students will connect the concepts covered in class discussion through field work based exploration of local urban neighbourhoods. [24P]

Prerequisite: 8.0 credits

Rationale: The course compliments existing urban courses offered by the department and provides students with an opportunity for rich experiential learning activities. Through the blended approach students will complete 5 field days, increasing their options for meeting the field requirements of a major in human geography. As the course will run during the fall term and will be based on campus, it will not require ancillary fees or the time commitment away from campus of a typical geography field course, thus providing more flexibility for students while not adding to their financial burden.

No. Hours 24P
Instruction:
Offered at St No
George:
Revived Course: No

Course #13 JPE251H5 Introduction to Canadian Environmental Law and Policy I (SSc)

Description: This course serves as an introduction to environmental policy and law in Canada. The primary intent is to provide an overview of the political context in which environmental policy and law is made and implemented. The emphasis in this course will be on environmental policy. The course begins with an outline of the Canadian parliamentary system and policymaking process. A series of case studies, from biodiversity to climate change, are then explored as a way to see the policy process in action. [24L][11T]

Exclusion: JPE 250Y5, POL 250Y5, ENV 250Y5, ENV320H1

Prerequisite: 3.5 credits JPE/POL/ENV

Rationale: Converting existing JPE 250Y5 into two half courses, JPE 251H5 and JPE 252H5. Also, our external review report strongly suggested to offer more half courses at the 2nd year level

No. Hours 24 L
Instruction:
Offered at St No
George:
Revived Course: No

Course #14 JPE252H5 Introduction to Canadian Environmental Law and Policy II (SSc)

Description: This course builds on the themes and concepts introduced in JPE251H5. The primary intent is to provide an overview of the political context in which environmental policy and law is made and implemented. The emphasis in this course will be on environmental law. [24L][11T]

Exclusion: JPE 250Y5, POL 250Y5, ENV 250Y5, ENV 320H1

Prerequisite: JPE 251H5

Rationale: Converting existing JPE 250Y5 into two half courses, JPE 251H5 and JPE 252H5. Also, our external review report strongly suggested to offer more half courses at the 2nd year level

No. Hours 24L
Instruction:
Offered at St No
George:

Revived Course: No

this course will be taught by Professor Andrea Olive or another full time faculty member

Course #16 POL317H5 Comparative Public Policy and Administration (SSc)

Description: Major theories and concepts in the fields of public administration and public policy, drawing on the experience of advanced industrialized nations. [24L]

Exclusion: POL317Y5

Prerequisite: POL203Y/218Y/302Y/309Y/353Y

Rationale: Professor who normally teaches this course as a "Y" course, will be teaching it as an "H" course in the future.

No. Hours Instruction: 24

Offered at St George: No

Revived Course: No

Course #17 POL399H5 Research Opportunity Program (SSc)

Description: This course provides a richly rewarding opportunity for students in their third year to work in the research project of a professor in return for POL399H course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.

Exclusion: students are not allowed to take POL 399Y5 and POL 399H5 concurrently

Prerequisite: 1.0 POL credit

Rationale:

No. Hours Instruction:

Offered at St George: No

Revived Course: No

Course #18 POL401Y5 Senior Major Research Paper (SSc)

Description: This course provides students with the basic skills and knowledge necessary to complete a major independent research paper. The course will have a broad theme (power, equality, justice, federalism, etc.) and students will pursue a research project of their own interest that relates to the course theme. This Y course will meet weekly in the first semester and every other week in the winter semester. Under the course instructors supervision, students will identify potential research questions, acquire methodological and research skills appropriate for addressing the research questions, and conduct primary research. Students will present their paper in an open forum late in the second term. This course is intended for students with a strong academic background who intend to pursue graduate studies. [48L]

Prerequisite: Enrollment limited to POL Specialists, Joint Specialists and POL Majors with at least 6.0 POL credits and P.I.
Rationale: The intent of this 'capstone' course is to provide students with the basic skills and knowledge necessary to complete a major independent research paper. We were also encouraged by our external reviewers, last spring, to add such a course.
No. Hours Instruction: 48L
Offered at St George: No
Revived Course: No

Restrictions:

- 1) 400-series POL courses are limited to POL Specialists and Joint Specialist and POL Majors;
- 2) No POL Specialist may take more than 2.0 POL credits at the 400-level (1.0 for Joint Specialists).
- 3) 3.3 minimum CGPA and permission of instructor(s)

Course #19 POL499H5 Research Opportunity Program (SSc)

Description: This course provides a richly rewarding opportunity for students in their third year to work in the research project of a professor in return for POL499H course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.
Exclusion: students are not allowed to take POL 499Y5 and POL 499H5 concurrently
Prerequisite: 2.0 POL credit
Rationale: adding .5 credit at the 400 level ROP option to enhance experiential learning offerings for students (now permitted by Dean's office)
No. Hours Instruction:
Offered at St George: No
Revived Course: No

Course #20 POL499Y5 Research Opportunity Program (SSc)

Description: This course provides a richly rewarding opportunity for students in their third year to work in the research project of a professor in return for POL499Y5 course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.
Exclusion: students are not allowed to take POL 499Y5 and POL 499H5 concurrently
Prerequisite: 2.0 POL credits
Rationale: adding 1.0 credit at the 400 level ROP option to enhance experiential learning offerings for students
No. Hours Instruction:
Offered at St George: No
Revived Course: No

Course #21 SOC299H5 Research Opportunity Program EXP (SSc,EXP)

Description: This course provides a richly rewarding opportunity for students in their second year to work in the research project of a professor in return for SOC299H5 course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.
Exclusion: Students may not take SOC299H5 and SOC299Y5 concurrently.
Prerequisite: SOC100H5, 2nd Year Standing, P.I.

Rationale: Adding 0.5 credit 200-level ROP option to enhance experiential learning offerings for students (now permitted by Dean's Office)

No. Hours Instruction:

Offered at St George: No

Revived Course: No

Course #22 SOC302H5 Indigenous-Canada Relations (SSc)

Description: This course analyzes Indigenous-Canada relations. Topics may include nationhood, diplomatic relations, trade, military relationships, assimilation/civilization policy, land claims, self-government, and/or education. [24L]

Exclusion: Fall 2018 SOC345H5F

Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5

Rationale: A lecture course on Indigenous-Canada Relations provides vital grounding for students in the historical contexts and contemporary dynamics of relations between Indigenous people and the Canadian state and its other inhabitants. To be taught by new faculty member(s).

No. Hours Instruction: 24L

Offered at St George: No

Revived Course: No

Course #23 SOC324H5 Carceral Feminisms: Race, Gender and State Violence (SSc)

Description: This course explores how different strains of feminism shape practices of punishment. Course topics may include: intersectional debates in the regulation of domestic violence, gender-responsive policing, state regulation of gender-based violence, and prison abolition theory and praxis. [24L]

Exclusion: Winter 2019 SOC447H5S

Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5

Rationale: This is an important subfield of criminology and we currently offer no courses at this level that touch on this area of study. To be offered by new faculty member.

No. Hours Instruction: 24L

Offered at St George: No

Revived Course: No

Course #24 SOC336H5 Special Topics in Sociology (SSc)

Description: This course explores a particular area within sociology. Topics vary from year to year and are noted on the timetable once confirmed. [24L]

Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5

Rationale: Additional special topic course to accommodate new faculty and/or topic.

No. Hours Instruction: 24L

Offered at St George: No

Revived Course: No

Course #25 SOC337H5 Special Topics in Criminology, Law and Society (SSc)

Description: This course will explore a particular area within criminology, law and society. Topics vary from year to year and are noted on the timetable once confirmed. [24L]

Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5

Rationale: Additional special topic course to accommodate new faculty and/or topic.

No. Hours Instruction: 24L

Offered at St George: No
Revived Course: No

Course #26 SOC366H5 Special Topics in Criminology (SSc)

Description: This course will explore a particular area within criminology. Topics vary from year to year and are noted on the timetable once confirmed. [24L]
Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5
Rationale: Additional special topic course to accommodate new faculty and/or topic.
No. Hours Instruction: 24L
Offered at St George: No
Revived Course: No

Course #27 SOC399H5 Research Opportunity Program EXP (SSc,EXP)

Description: This course provides a richly rewarding opportunity for students in their third or fourth year to work in the research project of a professor in return for SOC399H5 course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.
Exclusion: Students may not take SOC399H5 and SOC399Y5 concurrently.
Prerequisite: SOC221H5, SOC222H5, 3rd Year Standing, P.I.
Rationale: Adding 0.5 credit 300-level ROP option to enhance experiential learning offerings for students (now permitted by Dean's Office)
No. Hours Instruction:
Offered at St George: No
Revived Course: No

Course #28 SOC415H5 Senior Seminar in Indigenous Studies (SSc)

Description: This course offers an in-depth examination of selected topics in Indigenous Studies. [24S]
Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level
Rationale: A senior seminar in Indigenous Studies allows students at an advanced stage in their degree more focused learning in a topic related to Indigenous Studies. The small seminar dynamic makes it easier to bring in guest speakers who can then more directly engage with students, to professionally develop their Indigenous Studies-based research and writing, and/or to plan community-engaged research projects. To be taught by new faculty member(s).
No. Hours Instruction: 24S
Offered at St George: No
Revived Course: No

Course #29 SOC455H5 Comparative Indigenous Politics (SSc)

Description: Using a comparative approach, this course explores the politics of Indigeneity in settler colonial contexts. It centers critical analyses of settler colonialism and decolonization, and focuses on examples from Canada, the USA, New Zealand, and Australia to examine the differences and similarities between Indigenous peoples and politics in these places. [24L]
Exclusion: 20189 SOC445H5F LE0101 & 20191 SOC445H5S L0102
Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level
Rationale: The department is proposing this course as the first in a series of core course offerings in Indigenous Studies. It will complement Dr. Adese's 300-level course on Indigenous-Canada Relations to expand our students

understanding of the history and politics of Indigeneity in other settler colonial contexts. This Indigenous studies-centered course will equip students with the foundational theories used by scholars in the field to help them better understand why settler colonialism is a distinct form of colonialism, and why global Indigenous politics matters today. Course to be taught by new faculty member(s).

No. Hours Instruction: 24L
Offered at St George: No
Revived Course: No

Course #30 SOC499H5 Research Opportunity Program EXP (SSc,EXP)

Description: This course provides a rewarding opportunity for students in their fourth year to undertake relatively advanced work in the research project of a professor in return for SOC499H5 course credit. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.

Exclusion: Students may not take SOC499H5 and SOC499Y5 concurrently.

Prerequisite: SOC221H5, SOC222H5, 4th Year Standing, P.I.

Rationale: Adding 0.5 credit 400-level ROP option to enhance experiential learning offerings for students (now permitted by Dean's Office)

No. Hours Instruction:
Offered at St George: No
Revived Course: No

Course #31 utm119H5 utmONE: Lights, Camera, Culture: Exploration of Cinema EXP (HUM,SSc,EXP)

Description: This course will explore how cinematic movies represent time capsules. They tell stories that embody historical events, describe political ideas, represent race and gender roles, disseminate propaganda, display economic class difference, demonstrate the technological sophistication of its day, capture styles of fashion, music and art, and propagate culturally important ideas. As movies are watched by everyone across the whole socioeconomic spectrum (both historically and currently), students will have an opportunity to evaluate and discuss how this powerful form of media has had and will continue to play an important role in representing and shaping society. As part of this course students will participate in a series of tutorials that will introduce them to essential elements of a holistic student experience (such as career exploration, health and wellness, and co-curricular engagement).

Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: utmONE is designed to offer transitional courses on a rotating basis to our incoming students.

No. Hours Instruction: 24L, 12T
Offered at St George: No
Revived Course: No

Courses - Resource Implications

Course #2 ANT299H5 Research Opportunity Program

Resource implications: None.

Course #3 ANT299Y5 Research Opportunity Program

Resource implications: None.

Course #4 ANT362H5 Language in Culture and Society

Resource implications: None.

Course #5 ANT399H5 Research Opportunity Program

Resource implications: None.

Course #6 ANT399Y5 Research Opportunity Program

Resource implications: None.

Course #7 ANT463H5 Anthropologies of Water: On Meaning, Value, and Futures

Resource implications: None.

Course #8 ANT464H5 The End of Coal: An Ethnographic Approach

Resource implications: None.

Course #9 ANT499H5 Advanced Independent Research

Resource implications: None.

Course #10 CCT212H5 Hacker Culture

Resource implications: The course will be taught by faculty.

Course #11 CCT273H5 Professional Practice and Communication

Resource implications: None

Course #12 CCT285H5 Immersive Environment Design

Resource implications: None

Course #13 CCT301H5 Design for Online Cultures

Resource implications: None

Course #14 CCT305H5 Design and Implementation of Multimedia Documents (SH)

Resource implications: None

Course #15 CCT308H5 Advanced Research Methodologies

Resource implications: None

Course #16 CCT311H5 Game Design and Theory (SH)

Resource implications: None

Course #17 CCT312H5 Interactive Story Telling for Game Development (SH)

Resource implications: None

Course #18 CCT319H5 Economics and the Digital Firm (DEM)

Resource implications: None

Course #19 CCT331H5 Social Media and Society

Resource implications: The course will be taught by faculty. Depending on enrolment a TA will be required for grading.

Course #20 CCT333H5 Social Innovation(SH)

Resource implications: None.

Course #21 CCT335H5 Technology and the City

Resource implications: None

Course #22 CCT354H5 Digital Marketing: Planning, Executing and Evaluating (DEM)

Resource implications: UTM faculty will teach the course.

Course #23 CCT355H5 Trends in Digital Innovation (DEM)

Resource implications: TA resource implications to conduct tutorials.

Course #24 CCT356H5 Foundations of Digital Marketing (SH)

Resource implications: None

Course #25 CCT365H5 Surveillance

Resource implications: None

Course #26 CCT372H5 Knowledge Media Design: Contexts and Practices

Resource implications: None

Course #27 CCT374H5 Critical Histories of Information Technologies

Resource implications: None

Course #28 CCT376H5 Introduction to Modelling Information

Resource implications: None

Course #29 CCT384H5 Inclusive Design and Social Responsibility (SH)

Resource implications: None

Course #30 CCT414H5 Special Topics in Knowledge, Media and Design

Resource implications: None

Course #31 CCT419H5 User Experience Design - UXD and Board Games

Resource implications: None

Course #32 CCT471H5 Knowledge Representation and Reasoning

Resource implications: None

Course #33 CCT475H5 Integrated Learning in Digital Media, Communication, and Technology

Resource implications: The course will be taught by faculty.

Course #34 CCT480H5 User Experience Analysis - UXA

Resource implications: None

Course #35 CCT481H5 Augmented Places and Social Media Spaces

Resource implications: None

Course #36 CCT485H5 User Experience Design - UXD

Resource implications: None

Course #37 ECO200Y5 Microeconomic Theory

Resource implications: None.

Course #38 ECO202Y5 Macroeconomic Theory and Policy

Resource implications: None.

Course #39 ECO204Y5 Microeconomic Theory and Applications (for Commerce)

Resource implications: None.

Course #40 ECO206Y5 Microeconomic Theory

Resource implications: None.

Course #41 ECO208Y5 Macroeconomic Theory

Resource implications: None.

Course #42 ECO209Y5 Macroeconomic Theory and Policy

Resource implications: None.

Course #43 ECO220Y5 Quantitative Methods in Economics

Resource implications: None. Based on actual practice.

Course #44 ECO227Y5 Quantitative Methods in Economics

Resource implications: None.

Course #45 ECO315H5 Economics of Poverty

Resource implications: None.

Course #46 ECO359H5 Financial Economics II

Resource implications: None.

Course #47 ECO362H5 Economic Growth: Theory and Evidence

Resource implications: None.

Course #48 ECO383H5 Introduction to Empirical Methods of Microeconomics

Resource implications: None.

Course #49 ECO399H5 Research Opportunity Program

Resource implications: None. ROP courses do not factor into teaching load.

Course #50 ECO401Y5 Special Topics in Economics

Resource implications: None. No impact on teaching loads; no specific classroom needs; no additional administrative tasks.

Course #51 ECO402H5 Special Topics in Economics

Resource implications: None. No impact on teaching loads; no specific classroom needs; no additional administrative tasks.

Course #52 ECO433H5 Family Economics

Resource implications: None.

Course #53 ECO435H5 Growth and Development of the Chinese Economy

Resource implications: None.

Course #54 ECO460H5 Introduction to Financial Risk Management

Resource implications: None.

Course #55 ENV201H5 Environmental Management

Resource implications: none

Course #56 ENV430H5 Advanced Environmental Law and Policy

Resource implications: none

Course #57 FSC420H5 Field and Lab Methods in Forensic Psychology

Resource implications: 140 hours per section- fits our existing rationale for a lab course with no tech support.

Course #58 FSC430H5 Seminar in Forensic Science

Resource implications: This will be taught by regular faculty on a rotating basis.

Course #59 GGR252H5 Retail Geography

Resource implications: none

Course #60 GGR322H5 GIS and Population Health

Resource implications: none

Course #61 GGR362H5 Exploring Urban Neighbourhoods

Resource implications: none - course will be incorporated into existing faculty member's teaching load.

Course #62 GGR387H5 Food and Globalization

Resource implications: none

Course #63 IMI201H5 Fundamentals of Marketing

Resource implications: No resource implications. Clarifying mode of delivery.

Course #64 IMI202H5 Principles of Human Resource Management

Resource implications: No resource implications. Clarifying mode of delivery.

Course #65 IMI301H5 Essentials of Finance

Resource implications: No resource implications. Clarifying mode of delivery.

Course #66 IMI302H5 Managing Projects, Operations & Preparing a Business Plan

Resource implications: No resource implications. Clarifying mode of delivery.

Course #67 IMI303H5 Technology Strategy

Resource implications: No resource implications. Clarifying mode of delivery.

Course #68 IMI400H5 Innovation and Entrepreneurship

Resource implications: No resource implications - Removed tutorial contact hours

Course #69 JAL253H5 Language and Society

Resource implications: none

Course #70 JPE251H5 Introduction to Canadian Environmental Law and Policy I

Resource implications: This course will be taught by Professor Andrea Olive

Course #71 JPE252H5 Introduction to Canadian Environmental Law and Policy II

Resource implications: none

Course #72 MGM301H5 Analysis for Decision and Control

Resource implications: None

Course #74 MGT200H5 Presentation Skills for Management

Resource implications: None

Course #75 MGT415H5 Special Topics in Management

Resource implications: None

Course #76 MGT435H5 Financial Market Trading

Resource implications: None

Course #77 MGT441H5 Financial Modeling

Resource implications: None

Course #78 MGT455H5 Marketing Consulting: Models for Analysis

Resource implications: None

Course #79 MGT458H5 Big Data and Marketing Analysis

Resource implications: None

Course #80 POL111H5 Canada in Comparative Perspective

Resource implications: none

Course #81 POL112H5 Democracy in Theory and Practice

Resource implications: none

Course #82 POL113H5 Ideas and Ideologies

Resource implications: none

Course #83 POL114H5 Politics in the Global World

Resource implications: none

Course #84 POL115H5 Evidence and Argument in the Study of Politics

Resource implications: none

Course #85 POL200Y5 Political Theory

Resource implications: none

Course #86 POL203Y5 Politics and Government of the United States

Resource implications: none

Course #87 POL208Y5 Introduction to International Relations

Resource implications: none

Course #88 POL214Y5 Canadian Government and Politics

Resource implications: none

Course #89 POL218Y5 Introduction to Comparative Politics

Resource implications: none

Course #90 POL242Y5 Methods

Resource implications: none - practicals are currently in computer labs

Course #91 POL301H5 Topics in Political Theory

Resource implications: none

Course #92 POL304Y5 Politics of South Asia

Resource implications: none

Course #93 POL305H5 Topics in International Relations

Resource implications: none

Course #94 POL305Y5 Topics in International Relations

Resource implications: none

Course #95 POL309Y5 The State, Planning and Markets

Resource implications: none

Course #96 POL310Y5 Managing International Military Conflict

Resource implications: none

Course #97 POL316Y5 Contemporary Canadian Federalism

Resource implications: none

Course #98 POL317H5 Comparative Public Policy and Administration

Resource implications: none

Course #99 POL320Y5 Modern Political Thought

Resource implications: none

Course #100 POL322Y5 Enlightenment and Theocracy

Resource implications: none

Course #101 POL327Y5 Comparative Foreign Policy

Resource implications: none

Course #102 POL336Y5 Ontario Politics

Resource implications: none

Course #103 POL399H5 Research Opportunity Program

Resource implications: noone

Course #104 POL399Y5 Research Opportunity Program

Resource implications: none

Course #105 POL401Y5 Senior Major Research Paper

Resource implications: this 'capstone' course will be co-taught by existing faculty members, Professor Andrea Olive and Professor Ed Schatz

Course #106 POL404Y5 Political Thought from Freud to Foucault

Resource implications: none

Course #107 POL438H5 Topics in Comparative Politics

Resource implications: none

Course #108 POL499H5 Research Opportunity Program

Resource implications: none

Course #109 POL499Y5 Research Opportunity Program

Resource implications: none

Course #110 SOC202H5 Cultural Sociology

Resource implications: None

Course #111 SOC205H5 Theories in Criminology

Resource implications: none

Course #112 SOC209H5 Introduction to Criminology, Law and Society

Resource implications: None

Course #113 SOC221H5 The Logic of Social Inquiry

Resource implications: none

Course #114 SOC222H5 Measuring the Social World

Resource implications: None

Course #115 SOC231H5 Classical Sociological Theory

Resource implications: None

Course #116 SOC299H5 Research Opportunity Program

Resource implications: None - existing full-time faculty. Financial & Resource Implications Form for New Courses emailed to Rosa Ciantar.

Course #117 SOC299Y5 Research Opportunity Program

Resource implications: None

Course #118 SOC302H5 Indigenous-Canada Relations

Resource implications: Proposed course will be taught by new full-time faculty Jennifer Adese and will require TA support. Financial & Resource Implications Form emailed to Rosa Ciantar.

Course #119 SOC303H5 White-collar and Corporate Crime

Resource implications: None

Course #120 SOC306H5 Education and Social Control

Resource implications: NONE

Course #121 SOC309H5 Sociology of Mass Communication

Resource implications: NONE

Course #122 SOC311H5 Special Topics in Law

Resource implications: NONE

Course #123 SOC316H5 Crime Prevention and Security

Resource implications: NONE

Course #124 SOC317H5 Shopping and Society

Resource implications: NONE

Course #125 SOC318H5 Sociology of Mental Health and Mental Disorders

Resource implications: NONE

Course #126 SOC320H5 Criminal Justice Organizations

Resource implications: NONE

Course #127 SOC322H5 Criminal Justice and Inequality

Resource implications: NONE

Course #128 SOC323H5 Law and Society

Resource implications: NONE

Course #129 SOC324H5 Carceral Feminisms: Race, Gender and State Violence

Resource implications: Proposed course will be taught by new full-time faculty Susila Gurusami and will require TA support. Financial & Resource Implications Form emailed to Rosa Ciantar.

Course #130 SOC325H5 Law and Social Theory

Resource implications: None

Course #131 SOC327H5 Drugs and the Modern World

Resource implications: NONE

Course #132 SOC328H5 Drugs in the City

Resource implications: NONE

Course #133 SOC330H5 Criminology and Immigration

Resource implications: NONE

Course #134 SOC332H5 Race and Ethnicity in Canada

Resource implications: NONE

Course #135 SOC334H5 Aging and Society

Resource implications: NONE

Course #136 SOC335H5 Political Sociology

Resource implications: NONE

Course #137 SOC336H5 Special Topics in Sociology

Resource implications: Proposed course will be taught by new and existing full-time faculty and will require TA support. Financial & Resource Implications Form emailed to Rosa Ciantar.

Course #138 SOC337H5 Special Topics in Criminology, Law and Society

Resource implications: Proposed course will be taught by new and existing full-time faculty and will require TA support. Financial & Resource Implications Form emailed to Rosa Ciantar.

Course #139 SOC338H5 Legal Developments in Criminology

Resource implications: NONE

Course #140 SOC340H5 Social Change

Resource implications: NONE

Course #141 SOC341H5 Contemporary Issues in the Sociology of Work

Resource implications: NONE

Course #142 SOC342H5 Sociology of Scandals

Resource implications: NONE

Course #143 SOC343H5 Urban Sociology

Resource implications: NONE

Course #144 SOC344H5 Sociological Approaches to Social Psychology

Resource implications: NONE

Course #145 SOC345H5 Special Topics in Sociology

Resource implications: NONE

Course #146 SOC346H5 Special Topics in Criminology, Law and Society

Resource implications: NONE

Course #147 SOC347H5 Sociology of Masculinities

Resource implications: NONE

Course #148 SOC349H5 Sociology of Food

Resource implications: NONE

Course #149 SOC350H5 Quantitative Analysis

Resource implications: None

Course #150 SOC351H5 Politics and Violence: Spot the Difference

Resource implications: NONE

Course #151 SOC354H5 Global Sociology

Resource implications: NONE

Course #152 SOC355H5 Sociology of the Professions

Resource implications: NONE

Course #153 SOC356H5 Population and Society

Resource implications: NONE

Course #154 SOC357H5 The Legal Profession

Resource implications: NONE

Course #155 SOC359H5 Gendered Identities

Resource implications: NONE

Course #156 SOC362H5 Sex, Gender and Work

Resource implications: NONE

Course #157 SOC364H5 New Directions in Social Inequality

Resource implications: NONE

Course #158 SOC365H5 Special Topics in Criminology

Resource implications: None

Course #159 SOC366H5 Special Topics in Criminology

Resource implications: Proposed course will be taught by new and existing full-time faculty and will require TA support. Financial & Resource Implications Form emailed to Rosa Cianciar.

Course #160 SOC371H5 Sociology of Punishment

Resource implications: NONE

Course #161 SOC375H5 Sociology of International Migration

Resource implications: NONE

Course #162 SOC378H5 Law, Crime and Justice

Resource implications: NONE

Course #163 SOC379H5 Sociology of Crime

Resource implications: NONE

Course #164 SOC380H5 Gender, Politics and Society

Resource implications: NONE

Course #165 SOC384H5 Media Ethics and Policy: Controversies in Mass Communication

Resource implications: NONE

Course #166 SOC387H5 Qualitative Analysis

Resource implications: NONE

Course #167 SOC391H5 Independent Research in Sociology

Resource implications: none

Course #168 SOC392H5 Independent Research in Sociology

Resource implications: None

Course #169 SOC393H5 Independent Research in Criminology, Law and Society

Resource implications: None

Course #170 SOC394H5 Independent Research in Criminology, Law and Society

Resource implications: None

Course #171 SOC399H5 Research Opportunity Program

Resource implications: None - existing full-time faculty. Financial & Resource Implications Form for New Courses emailed to Rosa Cianciar.

Course #172 SOC399Y5 Research Opportunity Program

Resource implications: None

Course #173 SOC401H5 Doing Public Sociology

Resource implications: None

Course #174 SOC403H5 Prisons, Punishment & Surveillance Across the Globe

Resource implications: None

Course #175 SOC404H5 Special Topics in Social Policy

Resource implications: None

Course #176 SOC410H5 Senior Seminar in Inequality

Resource implications: None

Course #177 SOC411H5 Senior Seminar in Social Institutions

Resource implications: None

Course #178 SOC412H5 Senior Seminar in the Sociology of Work

Resource implications: None

Course #179 SOC413H5 Senior Seminar in the Sociology of Gender

Resource implications: None

Course #180 SOC414H5 Senior Seminar in Political Sociology

Resource implications: None

Course #181 SOC415H5 Senior Seminar in Indigenous Studies

Resource implications: Proposed course will be taught by new full-time faculty Jennifer Adese. Financial & Resource Implications Form emailed to Rosa Ciantar.

Course #182 SOC416H5 Senior Seminar in the Sociology of Culture

Resource implications: None

Course #183 SOC417H5 Senior Seminar in the Sociology of Globalization

Resource implications: None

Course #184 SOC418H5 Senior Seminar in the Sociology of Health

Resource implications: None

Course #185 SOC420H5 Senior Seminar in Punishment

Resource implications: None

Course #186 SOC421H5 Senior Seminar in Criminology

Resource implications: None

Course #187 SOC434H5 Race, Class, Gender in the Global South

Resource implications: NONE

Course #188 SOC439H5 Research Project in Sociology

Resource implications: None

Course #189 SOC440H5 Research Project in Criminology, Law and Society

Resource implications: None

Course #190 SOC444H5 Advanced Topics in Sociology

Resource implications: None

Course #191 SOC445H5 Advanced Topics in Sociology

Resource implications: None

Course #192 SOC446H5 Advanced Topics in Criminology, Law and Society

Resource implications: None

Course #193 SOC447H5 Advanced Topics in Criminology, Law and Society

Resource implications: None

Course #194 SOC448H5 Advanced Topics in Criminology, Law and Society

Resource implications: none

Course #195 SOC450H5 Walls to Bridges: Carceral Seminar

Resource implications: None

Course #196 SOC455H5 Comparative Indigenous Politics

Resource implications: Proposed course will be taught by new full-time faculty Robin Gray and will require TA support. Financial & Resource Implications Form emailed to Rosa Ciantar.

Course #197 SOC467H5 Peel Social Lab Seminar: Translating Research for the Wider Public

Resource implications: None

Course #198 SOC480Y5 Internship in Sociology, Criminology, Law and Society

Resource implications: None

Course #199 SOC485H5 Investigation through Study Abroad

Resource implications: None

Course #200 SOC491H5 Independent Research in Sociology

Resource implications: None

Course #201 SOC492H5 Independent Research in Sociology

Resource implications: None

Course #202 SOC493H5 Independent Research in Criminology, Law and Society

Resource implications: None

Course #203 SOC494H5 Independent Research in Criminology, Law and Society

Resource implications: None

Course #204 SOC499H5 Research Opportunity Program

Resource implications: None - existing full-time faculty. Financial & Resource Implications Form for New Courses emailed to Rosa Ciantar.

Course #205 SOC499Y5 Research Opportunity Program

Resource implications: None

Course #206 WRI340H5 Critical Reading and Listening

Resource implications: None

Course #207 utm111H5 utmONE: Tools of the Trade

Resource implications: None

Course #208 utm112H5 utmONE: Power of Expression

Resource implications: None

Course #209 utm114H5 utmONE: Technology and Innovation: Historical, Social and Economic Perspectives

Resource implications: None

Course #210 utm115H5 utmONE: Communication Among Cultures

Resource implications: None

Course #211 utm116H5 utmONE: Happiness

Resource implications: None

Course #212 utm117H5 utmONE: Individualism, The Development Of An Idea

Resource implications: None

Course #213 utm118H5 utmONE: Science of Learning

Resource implications: None

Course #214 utm119H5 utmONE: Lights, Camera, Culture: Exploration of Cinema

Resource implications: None as this would replace an existing offering

Course #215 utm190H5 utmONE Scholars: The Drama of Politics

Resource implications: None

Course #216 utm191H5 utmONE Scholars: Science Meets Society

Resource implications: None

Course #217 utm192H5 utmONE Scholars: Language, Culture, and Mind

Resource implications: None

Course #218 utm193H5 utmONE Scholars: Nations Colliding?

Resource implications: None

Course #219 utm194H5 utmONE Scholars: Religion and Politics

Resource implications: None

Course #220 utm196H5 utmONE Scholars: Building Global Justice

Resource implications: None

Course #221 utm197H5 utmONE Scholars: Humans in Nature: Interactions and Impacts

Resource implications: None

Deleted Courses

Course #1 CCT309H5 Research Methods

Rationale: This course was required for the former IDM program and is no longer necessary. We have a similar course (CCT308H5) Advanced Research Methodologies.

Course #2 CCT413H5 Work Integrated Learning

Rationale: This course was required for the IDM specialist program that was cancelled.

Course #3 SOC304H5 Comparative Social Policy

Rationale: Course no longer taught

Course #4 SOC313H5 Crime in Canadian Society

Rationale: Course no longer taught

Course #5 SOC333H5 Sociology of Health Care and Health Policy

Rationale: Course no longer taught

Renumbered Courses

Course #1 GGR387H5 Food and Globalization

Before: ***GGR287H5***

After: ***GGR387H5***

Rationale: Changed course from GGR287H5 to GGR387H5 for a better fit with our curriculum.

Course #2 SOC365H5 Special Topics in Criminology

Before: ***SOC300H5***

After: ***SOC365H5***

Rationale: To correct numbering error in initial submission

Course #3 SOC434H5 Race, Class, Gender in the Global South

Before: ***SOC400H5***

After: ***SOC434H5***

Rationale: To correct numbering error in initial submission (course has not been offered yet)

Courses - Description Changes

Course #2 ANT362H5 Language in Culture and Society

Before: ~~Main currents in anthropological thinking about language and social interaction. It aims to introduce students to representative writings and ways for working. Lectures will work through main figures and schools with emphasis on explaining technical concepts and analytic paradigms.~~ [24L]

After: The course aims to introduce students to theoretical questions and contemporary research in linguistic anthropology. Topics include language ideologies, language and media, language and embodiment, as well as core theories in linguistic anthropology. [24L]

Rationale: The new text is a more accurate description of what the course aims to do and what topics the student may expect in the course.

Course #3 CCT355H5 Trends in Digital Innovation (DEM)

Before: This course ~~focuses~~ on foundational information technology systems used in organizations and the ~~role~~ people, ~~process, context~~ and technology play in ~~defining an organization's~~ information ~~ecology. It will explore issues of change management and reformatting~~ business ~~models to leverage technological, economic and environmental change.~~ [36L]

After: This course focuses on the foundational and emergent information technology systems used in organizations and the roles people, processes, and technology play in information ecologies. Managers of 21st century organizations must familiarize themselves with a variety of software and hardware systems that continually reshape business practices, organizational structures, and social relations. This course allows students to develop a greater understanding of the significance of these technologies in contemporary institutional contexts. [24L, 12T]

Rationale: The description change reflects the changes to technology and innovation that inform the course content.

Course #4 CCT480H5 User Experience Analysis - UX

Before: The course investigates how people interact with digital systems to ~~enable the production of quality design from the perspective of the user. The~~ course examines how interactive systems are ~~conceptualized, designed, implemented,~~ and deployed to meet users' ~~needs~~. Students will ~~be also~~ acquire the capacity to evaluate systems and to critically assess different HCI ~~methods and approaches. It begins by developing an understanding of usability and focuses on enabling students to acquire an understanding of the user-centred design process (e.g. user studies, prototyping, and evaluation).~~ [36P]

After: The course investigates how people interact with interactive digital systems from an evaluation and formal testing perspective, and introduces students to the methods of User Experience Assessment and User Experience Analysis (UXA). This studio-based experiential course examines how interactive systems are implemented and deployed to meet users' needs, with a focus on formal Human Computer Interaction (HCI) evaluation methods. Students will acquire the capacity to evaluate systems and to critically assess different HCI and UX validation methods which are based on industry approaches carried out by User Research Analysis. [36P]

Rationale: The course changes are to meet the need to establish a 3-course Human-Computer Interaction core offering, as emerging from consultations with one of our faculty members.

Course #5 ECO206Y5 Microeconomic Theory

Before: A rigorous mathematical treatment of the basic tools of economic analysis regarding consumer and producer theory. Applications may include but are not limited to: choice under uncertainty, oligopoly, industrial organization, pricing,

resource allocation, intertemporal consumption, labour supply, externalities, public goods, income distribution and welfare economics. This course is a requirement for certain Specialist Programs and is strongly recommended for students contemplating graduate school. [48L, 24T]

After: A rigorous mathematical treatment of the basic tools of economic analysis regarding consumer and producer theory. Applications may include but are not limited to: choice under uncertainty, oligopoly, industrial organization, pricing, **resource** allocation, intertemporal consumption, labour supply, externalities, public goods, income distribution and welfare economics. This course is a requirement for certain Specialist Programs and is strongly recommended for students contemplating graduate school. [48L, 24T]

Rationale:

Course #6 ECO220Y5 Quantitative Methods in Economics

Before: An introduction to the use of statistical analysis, including such topics as elementary probability theory, sampling distributions, tests of hypotheses, estimation; analysis of variance and regression analysis. Emphasis is placed on applications in economics and business problems. [48L, **24T**]

After: An introduction to the use of statistical analysis, including such topics as elementary probability theory, sampling distributions, tests of hypotheses, estimation; analysis of variance and regression analysis. Emphasis is placed on applications in economics and business problems. [48L, **16T, 10P**]

Rationale: No actual change to course. Some tutorials are held in computer labs. Based on request from Office of the Registrar, we are redistributing some tutorial hours to practicum hours, to represent actual practice.

Course #7 ECO227Y5 Quantitative Methods in Economics

Before: This course deals more rigorously with the topics included in ECO220Y5. It is a requirement for certain Specialist Programs and is strongly recommended to adequately prepare students for **ECO327Y5**. This course is also recommended for students contemplating graduate school. [48L, 24T]

After: This course deals more rigorously with the topics included in ECO220Y5. It is a requirement for certain Specialist Programs and is strongly recommended to adequately prepare students for **ECO375H5/ECO327Y5**. This course is also recommended for students contemplating graduate school. [48L, 24T]

Rationale:

Course #8 ECO433H5 Family Economics

Before: Introduces students to the study of the family within the modern economics. Topics include: market production vs. home production; gender wage differentials in labour markets; monogamy, polygamy and marriage markets; non-altruistic behaviour within families; fertility and the demand for children; divorce; and the life cycle of the family. Concepts are applied to **current** topics within the development and labour literatures. [24L]

After: Introduces students to the study of the family within the modern economics. Topics include: market production vs. home production; gender wage differentials in labour markets; monogamy, polygamy and marriage markets; non-altruistic behaviour within families; fertility and the demand for children; divorce; and the life cycle of the family. Concepts are applied to **current** topics within the development and labour literatures. [24L]

Rationale: Typo correction.

Course #9 ENV201H5 Environmental Management

Before: (Formerly GGR234H5) Environmental management builds on topics discussed in ENV100 and GGR111/112, by focusing on conceptual frameworks and specific tools that can be used to formulate environmental management goals and support decision-making. Case studies will be used throughout to highlight different approaches, focusing primarily on Canadian examples. Topics include ecosystem and adaptive management, environment impact assessments, and the role of stakeholders. [24L **12T**]

After: (Formerly GGR234H5) Environmental management builds on topics discussed in ENV100 and GGR111/112, by focusing on conceptual frameworks and specific tools that can be used to formulate environmental management goals and support decision-making. Case studies will be used throughout to highlight different approaches, focusing primarily on Canadian examples. Topics include ecosystem and adaptive management, environment impact assessments, and the role of stakeholders. [24L **9T**]

Rationale: reduced tutorial hours from 12 to 9 to reflect actual number of tutorial hours.

Course #10 GGR252H5 Retail Geography

Before: The ~~problem~~ of retail ~~location~~. ~~The spatial structure~~ of consumer ~~demand~~ and ~~retail facilities~~. ~~Shopping centres~~ and retail ~~chains~~. ~~Techniques~~ for ~~site selection~~ and ~~trade area evaluation~~, ~~location strategies~~, ~~retail planning~~. ~~This course fulfills 1 field day~~. [24L]

After: Commercial activities are a significant and visible part of our social system. We are what we consume, and our consumption priorities describe our society. Consumption practices are mediated through the action of retailers and the preference of consumers. The course examines the organization of the retail economy and considers relationships between retail practices and environmental, ethical and social justice concerns. Likewise it explores how social, environmental and ethical beliefs of consumers influence their purchasing practices, the connections between consumer behaviour and the practices of retailers and the possibilities for developing a retail economy that better aligns with societal concerns for social justice, ethical production and environmental sustainability. [24L]

Rationale: The course has been revised to place a greater emphasis on sustainable consumption to better align with the academic goals of the department and UTM. The change in the course description reflects the change in content.

Course #11 GGR322H5 GIS and Population Health

Before: The purpose of this course will be to develop an appreciation for the conceptual and methodological intersections that exist between geographical information systems and population health. While population health can include incidence and prevalence of disease and ill-health, as well as concerns about service provision, this course will focus mainly on disease, injury, illness more broadly. The course will include both lectures, where foundational concepts will be introduced and related to practical lab sessions, where students will gain experience using GIS to map and study health information. Topics will include: spatial databases for population health, mapping health data, analyzing the spatial clustering of disease and/or injury, mapping and analyzing environmental and social risk factors. **Assessment will involve completion of three laboratory assignments, a mid-term test, and a final exam.** [24L, 12P]

After: The purpose of this course will be to develop an appreciation for the conceptual and methodological intersections that exist between geographical information systems and population health. While population health can include incidence and prevalence of disease and ill-health, as well as concerns about service provision, this course will focus mainly on disease, injury, illness more broadly. The course will include both lectures, where foundational concepts will be introduced and related to practical lab sessions, where students will gain experience using GIS to map and study health information. Topics will include: spatial databases for population health, mapping health data, analyzing the spatial clustering of disease and/or injury, mapping and analyzing environmental and social risk factors. [24L, 12P]

Rationale: removed the statement regarding course assessment as it is not necessary and changes depending on who is teaching the course: "Assessment will involve completion of three laboratory assignments, a mid-term test, and a final exam."

Course #12 MGM301H5 Analysis for Decision and Control

Before: (Formerly MGM200H5). Students will be introduced to a variety of techniques for analyzing data for the purposes of decision and control. Topics covered include mathematical modelling, decision analysis and operations management. **[24L, 12T]**

After: (Formerly MGM200H5). Students will be introduced to a variety of techniques for analyzing data for the purposes of decision and control. Topics covered include mathematical modelling, decision analysis and operations management. **[24P, 12P]**

Rationale:

Course #13 MGT415H5 Special Topics in Management

Before: Topics and issues in Management. Content in any given year will depend on the instructor. **[24L]**

After: Topics and issues in Management. Content in any given year will depend on the instructor. **[36L]**

Rationale:

Course #14 MGT435H5 Financial Market Trading

Before: This LKC FLC-lab-based course will provide a hands-on introduction to the functioning of security markets and the trading of financial instruments. Students will learn how the market prices financial securities, how to use finance theory to develop trading strategies, and how to identify and manage risks of trading strategies. Cases will cover various securities, such as fixed income securities, equities, futures and options. Students will further learn how to deal with various kinds of risks,

such as liquidity risk, market risk, downside risk, crash risk, and credit risk. **[24L]**

After: This LKC FLC-lab-based course will provide a hands-on introduction to the functioning of security markets and the trading of financial instruments. Students will learn how the market prices financial securities, how to use finance theory to develop trading strategies, and how to identify and manage risks of trading strategies. Cases will cover various securities, such as fixed income securities, equities, futures and options. Students will further learn how to deal with various kinds of risks, such as liquidity risk, market risk, downside risk, crash risk, and credit risk. **[36P]**

Rationale: Changed L and T to P. Course is in a lab.

Course #15 MGT441H5 Financial Modeling

Before: This course studies applications in corporate finance, investments and risk management. Finance lab software tools will be used to work through problems on topics such as Capital Budgeting and Valuation, Portfolio Analysis, Firm Valuation, Valuing Securities and Risk Management. **[24L, 12P]**

After: This course studies applications in corporate finance, investments and risk management. Finance lab software tools will be used to work through problems on topics such as Capital Budgeting and Valuation, Portfolio Analysis, Firm Valuation, Valuing Securities and Risk Management. **[24P, 12P]**

Rationale: Corrected typo. Changed P to T for tutorials. Changed L and T to P. Course is in a lab.

Course #16 MGT455H5 Marketing Consulting: Models for Analysis

Before: This course reviews the science side of marketing by studying multiple models used by companies and consulting firms in the different steps of the marketing process. The marketing consulting approach provides a deeper understanding of the process that supports marketing management decisions. This is of benefit not only for students following a marketing consulting path, but also for students joining marketing departments of Canadian firms. To enhance the learning experience the course will be strongly based on software applications that offer hands on exposure to real life corporate applications. **[24L]**

After: This course reviews the science side of marketing by studying multiple models used by companies and consulting firms in the different steps of the marketing process. The marketing consulting approach provides a deeper understanding of the process that supports marketing management decisions. This is of benefit not only for students following a marketing consulting path, but also for students joining marketing departments of Canadian firms. To enhance the learning experience the course will be strongly based on software applications that offer hands on exposure to real life corporate applications. **[24P]**

Rationale: Changed L and T to P. Course is in a lab.

Course #17 MGT458H5 Big Data and Marketing Analysis

Before: Recent advances in computer technology have led to an explosion in the amount of data available for companies to use for market research. In order to be effective as a marketing manager today, it is necessary to understand how to apply cutting edge statistical models to large databases, such as scanner data, loyalty program data, or internet marketing data, and to be able to obtain managerial insights from model results. This course will introduce students to marketing analytics driven by big data, using applications from real world business problems. **[24L]**

After: Recent advances in computer technology have led to an explosion in the amount of data available for companies to use for market research. In order to be effective as a marketing manager today, it is necessary to understand how to apply cutting edge statistical models to large databases, such as scanner data, loyalty program data, or internet marketing data, and to be able to obtain managerial insights from model results. This course will introduce students to marketing analytics driven by big data, using applications from real world business problems. **[24P]**

Rationale: Changed L to P. Course is in a lab.

Course #18 POL111H5 Canada in Comparative Perspective

Before: Examines major facets of Canadian government and politics within a broad comparative context asking what is different or unique about Canada and what resembles political systems elsewhere in the world, primarily western industrialized countries. Comparative analysis is used to foster a deeper understanding of Canada and its politics. **[24L, 12T]**

After: Examines major facets of Canadian government and politics within a broad comparative context asking what is different or unique about Canada and what resembles political systems elsewhere in the world, primarily western industrialized countries. Comparative analysis is used to foster a deeper understanding of Canada and its politics. **[24L, 11T]**

Rationale: changed 12 tutorial sections to 11 tutorial sections, as tutorials will begin after second lecture.

Course #19 POL112H5 Democracy in Theory and Practice

Before: Examines current ideas about what constitutes 'democracy' and how real-world political systems measure up to democratic ideals. Through examination of formal government institutions and informal political practices, assessments will be made of the strengths and weaknesses in modern democracies. Case studies may be drawn from Canada or from other countries which claim to be democratic. [24L, **12T**]

After: Examines current ideas about what constitutes 'democracy' and how real-world political systems measure up to democratic ideals. Through examination of formal government institutions and informal political practices, assessments will be made of the strengths and weaknesses in modern democracies. Case studies may be drawn from Canada or from other countries which claim to be democratic. [24L, **11T**]

Rationale: changed 12 tutorial sections to 11 tutorial sections, as tutorials will begin after second lecture.

Course #20 POL113H5 Ideas and Ideologies

Before: In this course students are introduced to basic concepts in politics such as authority, sovereignty, legitimacy, citizenship, jurisdiction, civil rights and civil liberties. These concepts are then used to examine the fundamental differences between major political ideologies, such as democracy, liberalism, socialism, fascism, conservatism, anarchism and communism. [24L, **12T**]

After: In this course students are introduced to basic concepts in politics such as authority, sovereignty, legitimacy, citizenship, jurisdiction, civil rights and civil liberties. These concepts are then used to examine the fundamental differences between major political ideologies, such as democracy, liberalism, socialism, fascism, conservatism, anarchism and communism. [24L, **11T**]

Rationale: changed 12 tutorial sections to 11 tutorial sections, as tutorials will begin after second lecture.

Course #21 POL114H5 Politics in the Global World

Before: Examines the politics of globalization in its various forms (economics, cultures, environmental and military) as well as the consequences of, management of and resistance to, globalization. Address topics such as whether globalization challenges the capacity of national societies and their governments to deal with global issues such as the environment, redistribution of wealth, security and human rights, both within countries and across borders. [24L, **12T**]

After: Examines the politics of globalization in its various forms (economics, cultures, environmental and military) as well as the consequences of, management of and resistance to, globalization. Address topics such as whether globalization challenges the capacity of national societies and their governments to deal with global issues such as the environment, redistribution of wealth, security and human rights, both within countries and across borders. [24L, **11T**]

Rationale: changed 12 tutorial sections to 11 tutorial sections, as tutorials will begin after second lecture.

Course #22 POL115H5 Evidence and Argument in the Study of Politics

Before: To understand politics in our information-abundant world, we need ways to make sense of the political information that surrounds us. In this course, we ask what makes for good evidence and what makes for convincing argument. We do so by raising a series of weekly topics on which there is a mass of available information - topics like climate change, political correctness, populism, and democracy promotion, among others - and discussing fundamentally different perspectives on each topic. In the end, students will develop a fuller sense of what constitutes a well-argued and evidence-supported analysis of the political. (24L, **12T**)

After: To understand politics in our information-abundant world, we need ways to make sense of the political information that surrounds us. In this course, we ask what makes for good evidence and what makes for convincing argument. We do so by raising a series of weekly topics on which there is a mass of available information - topics like climate change, political correctness, populism, and democracy promotion, among others - and discussing fundamentally different perspectives on each topic. In the end, students will develop a fuller sense of what constitutes a well-argued and evidence-supported analysis of the political. (24L, **11T**)

Rationale: changed 12 tutorial sections to 11 tutorial sections, as tutorials will begin after second lecture.

Course #23 POL200Y5 Political Theory

Before: The development of political thought to the 17th century. Among the theorists examined are Plato, Aristotle, Machiavelli, Hobbes and Locke. [48L, **24T**]

After: The development of political thought to the 17th century. Among the theorists examined are Plato, Aristotle, Machiavelli, Hobbes and Locke. [48L, **23T**]

Rationale: changed 24 tutorial sections to 23 tutorial sections, as tutorials will begin after second lecture.

Course #24 POL203Y5 Politics and Government of the United States

Before: A comparative study of the development of American government and the main elements of the American political tradition; the structure and functioning of executives, legislatures, courts, bureaucracies, parties and pressure groups in federal and state government; characteristic processes of American politics such as voting, bargaining and regulation; and resultant patterns of public policy. [48L][24T]

After: A comparative study of the development of American government and the main elements of the American political tradition; the structure and functioning of executives, legislatures, courts, bureaucracies, parties and pressure groups in federal and state government; characteristic processes of American politics such as voting, bargaining and regulation; and resultant patterns of public policy. [48L][23T]

Rationale: changed 24 tutorial sections to 23 tutorial sections, as tutorials will begin after second lecture.

Course #25 POL208Y5 Introduction to International Relations

Before: Themes: What causes war? How can peace be achieved and sustained? What is the nature of international society and order? What trends are emerging in international affairs as we begin a new century? The main goal of the course is to provide the conceptual and theoretical tools to understand and study world affairs in order to address these questions. Will critically assess the nature and role of actors, institutions, and political and economic forces in shaping world events. [48L, **24T**]

After: Themes: What causes war? How can peace be achieved and sustained? What is the nature of international society and order? What trends are emerging in international affairs as we begin a new century? The main goal of the course is to provide the conceptual and theoretical tools to understand and study world affairs in order to address these questions. Will critically assess the nature and role of actors, institutions, and political and economic forces in shaping world events. [48L, **23T**]

Rationale: changed 24 tutorial sections to 23 tutorial sections, as tutorials will begin after second lecture.

Course #26 POL214Y5 Canadian Government and Politics

Before: Canada's political system: its key governmental institutions, especially cabinet and Parliament; federalism; the Charter of Rights and Freedoms; political parties and voting behaviour; ideologies and political culture, public opinion and pressure groups; regionalism and Quebec. Useful as a general course on Canada and as a foundation for more specialized study. [48L, **24T**]

After: Canada's political system: its key governmental institutions, especially cabinet and Parliament; federalism; the Charter of Rights and Freedoms; political parties and voting behaviour; ideologies and political culture, public opinion and pressure groups; regionalism and Quebec. Useful as a general course on Canada and as a foundation for more specialized study. [48L, **23T**]

Rationale: changed 24 tutorial sections to 23 tutorial sections, as tutorials will begin after second lecture.

Course #27 POL218Y5 Introduction to Comparative Politics

Before: An introduction to the main themes, concepts and methods in comparative politics. Comparative politics compares the ways people and institutions interact, in different countries and regions of the world (including both developing and developed), to produce what we call "politics." The course brings to bear different interpretive frameworks (political culture, political economy, identity politics, and institutional analysis) to help us understand this interaction. Topics include: the formation, development and eventual decay of political institutions such as the nation-state, political regimes, parties, party systems and local governments; the ideas and interests shaping political behaviour; and the reasons why, and the ways in which, groups mobilize politically. [48L][24T]

After: An introduction to the main themes, concepts and methods in comparative politics. Comparative politics compares the ways people and institutions interact, in different countries and regions of the world (including both developing and developed), to produce what we call "politics." The course brings to bear different interpretive frameworks (political culture, political economy, identity politics, and institutional analysis) to help us understand this interaction. Topics include: the formation, development and eventual decay of political institutions such as the nation-state, political regimes, parties, party systems and local governments; the ideas and interests shaping political behaviour; and the reasons why, and the ways in which, groups mobilize politically. [48L][23T]

Rationale: changed 24 tutorial sections to 23 tutorial sections, as tutorials will begin after second lecture.

Course #28 POL242Y5 Methods

Before: This course offers an introduction to political science research methods. The course will cover basic approaches to political science, the choices that researchers have to make when designing their research and basic methods of analysis for both qualitative and quantitative data. Topics include: validity and reliability, levels of measurement, questionnaire design, experiments, elite interviews, participant observation and policy **evaluation.[48L][24T]**

After: This course offers an introduction to political science research methods. The course will cover basic approaches to political science, the choices that researchers have to make when designing their research and basic methods of analysis for both qualitative and quantitative data. Topics include: validity and reliability, levels of measurement, questionnaire design, experiments, elite interviews, participant observation and policy **evaluation.[48L][24P]**

Rationale: tutorials changed to practicals per Dean's office request

Course #29 POL320Y5 Modern Political Thought

Before: The development of political thought in the 18th and 19th centuries, including Rousseau, Burke, Hume, Kant, Hegel, the English Utilitarians (Bentham and J.S. Mill), Marx and Nietzsche. **[48L][24T]**

After: The development of political thought in the 18th and 19th centuries, including Rousseau, Burke, Hume, Kant, Hegel, the English Utilitarians (Bentham and J.S. Mill), Marx and Nietzsche. **[48L][23T]**

Rationale: updated to align prerequisite with St. George equivalent

Course #30 POL399Y5 Research Opportunity Program

Before: This course provides a richly rewarding opportunity for students in their third year to work in the research project of a professor in return for **399Y** course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.

After: This course provides a richly rewarding opportunity for students in their third year to work in the research project of a professor in return for **POL399Y** course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.

Rationale: exclusion updated to reflect addition of POL399H5

Course #31 POL438H5 Topics in Comparative Politics

Before:

After: **Restrictions: 1) 400-series POL courses are limited to POL Specialists and Joint Specialits: 2) No POL Specialist may take more than 2.0 POL credits at the 400-level (1.0 for Joint Specialists).**

Rationale: added restrictions - noticed they weren't there before

Course #32 SOC202H5 Cultural Sociology

Before: **Formerly SOC302H5:** This course introduces students to the field of cultural sociology, which seeks to understand how ideas, meanings, values and beliefs are created, and how they are also implicated in foundational sociological issues such as inequality, identity, social change, and social organization. These linkages are examined through topics such as popular culture, the mass media, science, religion, art, language, knowledge, public opinion, food, advertising and consumerism. [24L]

After: This course introduces students to the field of cultural sociology, which seeks to understand how ideas, meanings, values and beliefs are created, and how they are also implicated in foundational sociological issues such as inequality, identity, social change, and social organization. These linkages are examined through topics such as popular culture, the mass media, science, religion, art, language, knowledge, public opinion, food, advertising and consumerism. [24L]

Rationale: Reference to SOC302H5 no longer required in the course description.

Course #33 SOC205H5 Theories in Criminology

- Before:** **Formerly SOC305H5:** This course will cover major theoretical paradigms in the field of criminology included, among others, classical, positivist, strain, control, social learning, critical, feminist, postmodern and critical race theories. [24L, 12T]
- After:** This course will cover major theoretical paradigms in the field of criminology included, among others, classical, positivist, strain, control, social learning, critical, feminist, postmodern and critical race theories. **Students are required to take this course upon entry to the Criminology, Law and Society Major and Specialist programs.** [24L, 12T]
- Rationale:** Reference to SOC305H5 no longer required in the course description. To align the description with those for department's other required courses. Students are required to take this course upon entry to the Criminology, Law and Society Major and Specialist programs.
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Course #34 SOC209H5 Introduction to Criminology, Law and Society

- Before:** An introduction to sociological and criminological analyses of "crime", law, and the operation of the Canadian criminal justice system. Emphasis on law and criminal justice and how it is shaped by social, political, and economic considerations. [36L]
- After:** An introduction to sociological and criminological analyses of "crime", law, and the operation of the Canadian criminal justice system. Emphasis on law and criminal justice and how it is shaped by social, political, and economic considerations. **Students are required to take this course upon entry to the Criminology, Law and Society Major and Specialist programs if they have not already done so.** [36L]
- Rationale:** To align the description with those for department's other required courses. If they have not already done so, students are required to take this course upon entry to the Criminology, Law and Society Major and Specialist programs.
-

Course #35 SOC221H5 The Logic of Social Inquiry

- Before:** Logic of Social Inquiry compares the logic of quantitative and qualitative research. Key topics include the relationship between theory and research, conceptualization and measurement of sociological concepts and sampling strategies in the quantitative and qualitative traditions. Students are introduced to a range of data collection methods. Students are **strongly encouraged** to take this course upon entry to the Major **or** Specialist programs. [24L, 12T]
- After:** Logic of Social Inquiry compares the logic of quantitative and qualitative research. Key topics include the relationship between theory and research, conceptualization and measurement of sociological concepts and sampling strategies in the quantitative and qualitative traditions. Students are introduced to a range of data collection methods. Students are **required** to take this course upon entry to the **Sociology and Criminology, Law and Society** Major **and** Specialist programs. [24L, 12T]
- Rationale:** Students are required to take this course upon entry to the Sociology and Criminology, Law and Society Major and Specialist programs.
-

Course #36 SOC222H5 Measuring the Social World

- Before:** This course addresses how we are able to measure social concepts such as social characteristics, social attitudes, and social actions. Descriptive statistics and their presentation in tables and graphs will be presented in some detail. A very basic introduction to inferential statistics and sampling will also be presented. **This course is recommended for students in their second year.** [24L, 12P]
- After:** This course addresses how we are able to measure social concepts such as social characteristics, social attitudes, and social actions. Descriptive statistics and their presentation in tables and graphs will be presented in some detail. A very basic introduction to inferential statistics and sampling will also be presented. **Students are required to take this course upon entry to the Sociology and Criminology, Law and Society Major and Specialist programs.** [24L, 12P]
- Rationale:** Students are required to take this course upon entry to the Sociology and Criminology, Law and Society Major and Specialist programs.
-

Course #37 SOC231H5 Classical Sociological Theory

- Before:** This course presents a discussion and analysis of classical sociological theory including such luminaries as Marx, Durkheim and Weber among others. [24L]
- After:** This course presents a discussion and analysis of classical sociological theory including such luminaries as Marx, Durkheim and Weber among others. ***Students are required to take this course upon entry to the Sociology Major and Specialist programs and the Criminology, Law and Society Specialist program.*** [24L]
- Rationale:** To align the description with those for department's other required courses. Students are required to take this course upon entry to the Criminology, Law and Society Students are required to take this course upon entry to the Sociology Major and Specialist programs and the Criminology, Law and Society Specialist program.
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Course #38 SOC311H5 Special Topics in Law

- Before:** This course will provide an in-depth exploration of a specific topic in law. Topics ***will*** vary from year to ***year. See department website for details.*** [24L]
- After:** This course will provide an in-depth exploration of a specific topic in law. Topics vary from year to ***year and are noted on the timetable once confirmed.*** [24L]
- Rationale:** Housekeeping change to reflect current practice
-

Course #39 SOC317H5 Shopping and Society

- Before:** ***Formerly SOC217H5:*** This course provides an overview of the Sociology of Consumption. The study of consumption provides an entry point for examining the intersection between culture, economics, and the environment. Potential topics include the following: the shopping experience, consumption as status, the environmental impact of consumerism, fashion cycles, and identity construction through consumption. [24L]
- After:** This course provides an overview of the Sociology of Consumption. The study of consumption provides an entry point for examining the intersection between culture, economics, and the environment. Potential topics include the following: the shopping experience, consumption as status, the environmental impact of consumerism, fashion cycles, and identity construction through consumption. [24L]
- Rationale:** Housekeeping change; former course code no longer required.
-

Course #40 SOC338H5 Legal Developments in Criminology

- Before:** This course will survey new legal developments in the field of criminology and criminal law. It will explore the intersections between criminal law and other forms of regulation in society. ***Topics will vary from year to year. See department website for details.*** [24L]
- After:** This course will survey new legal developments in the field of criminology and criminal law. It will explore the intersections between criminal law and other forms of regulation in society. [24L]
- Rationale:** Housekeeping change to reflect current practice
-

Course #41 SOC345H5 Special Topics in Sociology

- Before:** This course explores a particular area within sociology. Topics ***will*** vary from year to ***year. See department website for details.*** [24L]
- After:** This course explores a particular area within sociology. Topics vary from year to ***year and are noted on the timetable once confirmed.*** [24L]
- Rationale:** Housekeeping change to reflect current practice
-

Course #42 SOC346H5 Special Topics in Criminology, Law and Society

- Before:** This course will explore a particular area within ***crime*** and ***law.*** Topics ***will*** vary from year to ***year. See department website for details.*** [24L]
- After:** This course will explore a particular area within ***criminology, law*** and ***society.*** Topics vary from year to ***year and are noted on the timetable once confirmed.*** [24L]

Rationale: Housekeeping change to reflect current practice and course

Course #43 SOC350H5 Quantitative Analysis

Before: The course is a continuation of SOC222H5 (Measuring the Social World)) and introduces students to more advanced applications of regression analysis. In addition to producing and interpreting regression models, this course also focuses on diagnostic tools for addressing outliers and multicollinearity, as well as regression with categorical independent variables and dependent variables (including a basic introduction to logistic regression). This course is mainly project based. Students will develop their own research questions and hypotheses and use statistical software to analyze data in order to provide evidence for their hypotheses. [24L, 12P]

After: The course is a continuation of SOC222H5 (Measuring the Social World)) and introduces students to more advanced applications of regression analysis. In addition to producing and interpreting regression models, this course also focuses on diagnostic tools for addressing outliers and multicollinearity, as well as regression with categorical independent variables and dependent variables (including a basic introduction to logistic regression). This course is mainly project based. Students will develop their own research questions and hypotheses and use statistical software to analyze data in order to provide evidence for their hypotheses. **All students in the Sociology and Criminology, Law and Society Specialist programs are required to take this course.** [24L, 12P]

Rationale: All students in the Sociology and Criminology, Law and Society Specialist programs are required to take this course. To align course description with those of other required courses.

Course #44 SOC365H5 Special Topics in Criminology

Before: This course will explore a particular area within criminology. Topics **will** vary from year to **year. See department website for details.** [24L]

After: This course will explore a particular area within criminology. Topics vary from year to **year and are noted on the timetable once confirmed.** [24L]

Rationale: Housekeeping change to reflect current practice

Course #45 SOC378H5 Law, Crime and Justice

Before: This course draws on case law to explore a particular area within law and justice. Topics will vary from year to year. **See department website for details.** [24L]

After: This course draws on case law to explore a particular area within law and justice. Topics will vary from year to year. [24L]

Rationale: Housekeeping change to reflect current practice

Course #46 SOC387H5 Qualitative Analysis

Before: This course surveys various qualitative methods sociologists use. Students gain insight into the craft of sociology through reading examples of the different qualitative methods, discussing the theories behind the methods, and by conducting hands-on research exercises. The objective of this course is to learn to evaluate qualitative sociological work and to know how to design and conduct a qualitative research project. [24L, **12T**]

After: This course surveys various qualitative methods sociologists use. Students gain insight into the craft of sociology through reading examples of the different qualitative methods, discussing the theories behind the methods, and by conducting hands-on research exercises. The objective of this course is to learn to evaluate qualitative sociological work and to know how to design and conduct a qualitative research project. **All students in the Sociology and Criminology, Law and Society Specialist programs are required to take this course.** [24L, **12P**]

Rationale: All students in the Sociology and Criminology, Law and Society Specialist programs are required to take this course. To align course descriptions with those of other required courses.

Course #47 SOC391H5 Independent Research in Sociology

Before: ~~To enrol, a student must submit a specific proposal and obtain the approval of both the instructor and the Associate Chair.~~ Intended for Sociology Specialists and Majors who ~~have completed at least 8.0 credits, and who wish to explore in depth a particular subject area in Sociology.~~ Students must ~~have completed the~~

~~required second-year method and theory courses (SOC221H5, SOC222H5, SOC231H5) and have attained a 70% average in SOC courses.~~ Students may take a maximum of 2.0 credits of independent studies. ~~Not more than 1.0 credit may be taken with the same instructor.~~

After: Intended for Sociology Specialists and Majors who wish to explore a specific Sociology topic in depth. To enrol, a student must prepare a proposal form in consultation with a faculty supervisor and submit the signed form to the academic counsellor. Students may take a maximum of 2.0 credits of independent studies.

Rationale: Housekeeping change to reflect current practice

Course #48 SOC392H5 Independent Research in Sociology

Before: ~~To enrol, a student must submit a specific proposal and obtain the approval of both the instructor and the Associate Chair.~~ Intended for Sociology Specialists and Majors who ~~have completed at least 8.0 credits and who wish to explore in depth a particular subject area in Sociology.~~ Students must ~~have completed the required second-year method and theory courses (SOC221H5, SOC222H5, SOC231H5), and have attained a 70% average in SOC courses.~~ Students may take a maximum of 2.0 credits of independent studies. ~~Not more than 1.0 credit may be taken with the same instructor.~~

After: Intended for Sociology Specialists and Majors who wish to explore a specific Sociology topic in depth. To enrol, a student must prepare a proposal form in consultation with a faculty supervisor and submit the signed form to the academic counsellor. Students may take a maximum of 2.0 credits of independent studies.

Rationale: Housekeeping change to reflect current practice

Course #49 SOC393H5 Independent Research in Criminology, Law and Society

Before: ~~To enrol, a student must submit a specific proposal and obtain the approval of both the instructor and the Associate Chair.~~ Intended for Criminology, Law and Society Specialists and Majors who ~~have completed at least 8.0 credits and who wish to explore in depth a particular subject area in Criminology, Law and Society.~~ ~~In order to enrol, students must have attained an average of at least 70% in SOC courses.~~ Students may take a maximum of 2.0 ~~credits, or its equivalent,~~ of independent studies. ~~No more than 1.0 credit may be taken with the same instructor.~~

After: Intended for Criminology, Law and Society Specialists and Majors who wish to explore a specific Criminology, Law and Society topic in depth. To enrol, a student must prepare a proposal form in consultation with a faculty supervisor and submit the signed form to the academic counsellor. Students may take a maximum of 2.0 credits of independent studies.

Rationale: Housekeeping change to reflect current practice and course focus

Course #50 SOC394H5 Independent Research in Criminology, Law and Society

Before: ~~To enrol, a student must submit a specific proposal and obtain the approval of both the instructor and the Associate Chair.~~ Intended for Criminology, Law and Society Specialists and Majors who ~~have completed at least 8.0 credits and who wish to explore in depth a particular subject area in Criminology, Law and Society.~~ ~~In order to enrol, students must have attained an average of at least 70% in SOC courses.~~ Students may take a maximum of 2.0 ~~credits, or its equivalent,~~ of independent studies. ~~No more than 1.0 credit may be taken with the same instructor.~~

After: Intended for Criminology, Law and Society Specialists and Majors who wish to explore a specific Criminology, Law and Society topic in depth. To enrol, a student must prepare a proposal form in consultation with a faculty supervisor and submit the signed form to the academic counsellor. Students may take a maximum of 2.0 credits of independent studies.

Rationale: House keeping change to reflect practice and course focus

Course #51 SOC401H5 Doing Public Sociology

Before: In this seminar course, students learn to communicate insights based in sociological research to a broader audience, beyond the university. Student design and execute projects (essays, creating a podcast or video, and/or public speaking) on sociological topics of their choosing related to law and/or crime. The course also provides students with guidance on how to locate sociological research through library resources and how to incorporate that research into their public sociology projects. [24S]

After: In this seminar course, students learn to communicate insights based in sociological research to a broader audience, beyond the university. Student design and execute projects (essays, creating a podcast or video, and/or public speaking) on sociological topics of their choosing related to law and/or crime. The course also provides students with guidance on how to locate sociological research through library resources and how to incorporate that research into their public sociology projects. **Priority may be given to Criminology, Law and Society**

students. [24S]

Rationale: To correct EXP omission in initial course proposal.

Course #52 SOC404H5 Special Topics in Social Policy

Before: This lecture course will explore a particular area within Social Policy. Topics **will** vary from year to **year.** [24L]

After: This lecture course will explore a particular area within Social Policy. Topics vary from year to **year and are noted on the timetable once confirmed.** [24L]

Rationale: Housekeeping change to reflect current practice

Course #53 SOC444H5 Advanced Topics in Sociology

Before: An in-depth examination of selected topics in Sociology. Topics **in this lecture course will** vary from year to **year. See department website for details.** [24L]

After: An in-depth examination of selected topics in Sociology. Topics vary from year to **year and are noted on the timetable once confirmed.** [24L]

Rationale: Housekeeping change to reflect current practice

Course #54 SOC445H5 Advanced Topics in Sociology

Before: An in-depth examination of selected topics in Sociology. Topics **in this lecture course will** vary from year to **year. See department website for details.** [24L]

After: An in-depth examination of selected topics in Sociology. Topics vary from year to **year and are noted on the timetable once confirmed.** [24L]

Rationale: Housekeeping change to reflect current practice

Course #55 SOC446H5 Advanced Topics in Criminology, Law and Society

Before: An in-depth examination of selected topics in ~~crime~~ and ~~law~~. Topics ~~in this lecture course will~~ vary from year to ~~year. See department website for details.~~ [24L]

After: An in-depth examination of selected topics in Criminology, Law and Society. Restricted to Criminology, Law and Society Specialists and Major. Topics vary from year to year and are noted on the timetable once confirmed. [24L]

Rationale: Housekeeping change to reflect current practice and course focus

Course #56 SOC447H5 Advanced Topics in Criminology, Law and Society

Before: An in-depth examination of selected topics in ~~criminology~~. Topics ~~in this lecture course will~~ vary from year to ~~year. See departmental website for information about the current course.~~ [24L]

After: An in-depth examination of selected topics in Criminology, Law and Society. Restricted to Criminology, Law and Society Specialists and Major. Topics vary from year to year and are noted on the timetable once confirmed. [24L]

Rationale: Housekeeping change to reflect current practice and course focus

Course #57 SOC448H5 Advanced Topics in Criminology, Law and Society

Before: An in-depth examination of selected topics in Law and Society. Restricted to Criminology, Law and Society Specialists and Major. Topics vary from year to year and are noted on the timetable once confirmed. [24L]

After: An in-depth examination of selected topics in **Criminology,** Law and Society. Restricted to Criminology, Law and Society Specialists and Major. Topics vary from year to year and are noted on the timetable once confirmed. [24L]

Rationale: Housekeeping change to reflect course focus

Course #58 SOC450H5 Walls to Bridges: Carceral Seminar

Before: Based on the Walls to Bridges Program model, this seminar course matches a group of University of Toronto Mississauga students ("outside" students) with an approximately equal number of incarcerated students ("inside" students) who study together as peers at an off-campus setting. Topics vary from term to **term, but revolve around questions of punishment, prisons, and governance.** All class sessions are held inside the institution (e.g., penitentiary, detention centre, halfway house, etc.). Inside and outside students work together on small teams to develop and present a final project. Interested students should submit an application to the Department of Sociology (see website for **details**). Preference given to eligible Criminology, Law and Society Specialists and Majors. [36S]

After: Based on the Walls to Bridges Program model, this seminar course matches a group of University of Toronto Mississauga students ("outside" students) with an approximately equal number of incarcerated students ("inside" students) who study together as peers at an off-campus setting. Topics vary from term to **term.** All class sessions are held inside the institution (e.g., penitentiary, detention centre, halfway house, etc.). Inside and outside students work together on small teams to develop and present a final project. Interested students should submit an application to the Department of Sociology (see website for **details**), **and an interview may be required.** Preference given to eligible Criminology, Law and Society Specialists and Majors. [36S]

Rationale: Different instructors will teach course, so topics will vary.

Course #59 SOC450H5 Walls to Bridges: Carceral Seminar

Before: Once students are accepted into this course **they must pass** a criminal record check (CPIC) to access the offsite location for classes. **Students** are advised to schedule approximately seven hours for class time (to allow time sufficient time for travel, institution check-in and -out in addition to the seminar time).

After: Once students are accepted into this course a criminal record check (CPIC) **may be required** to access the offsite location for classes. **Students** are advised to schedule approximately seven hours for class time (to allow time sufficient time for travel, institution check-in and -out in addition to the seminar time).

Rationale: Different instructors will teach course, so topics will vary.

Course #60 SOC480Y5 Internship in Sociology, Criminology, Law and Society

Before: Through a part-time, unpaid, 200-hour internship, students apply sociological knowledge gained primarily through previous coursework. Students can seek internship opportunities at municipal social service departments or non-profit agencies providing social services, social movement or community-based organizations working for social change, courts or parole offices, for-profit workplaces, or other organizations. Students must confirm internship arrangements well in advance and secure departmental approval for their internship position prior to the start of ~~term~~. This experiential learning course also includes class meetings, written assignments and oral presentations, as well as an assessment by the internship employer.

After: Through a part-time, unpaid, 200-hour internship, students apply sociological knowledge gained primarily through previous coursework. Students can seek internship opportunities at municipal social service departments or non-profit agencies providing social services, social movement or community-based organizations working for social change, courts or parole offices, for-profit workplaces, or other organizations. Students must confirm internship arrangements well in advance and secure departmental approval for their internship position prior to the start of term (with students and host organizations required to complete institutional documentation in order for the internship to commence). This experiential learning course also includes class meetings, written assignments and oral presentations, as well as an assessment by the internship employer. An application/interview may be required (see Department of Sociology website for details).

Rationale: This course was reintroduced for 2017-18 and we may wish to include an application/interview to facilitate selection and student support. The description now references institutional documentation to clarify requirements.

The "Final Note" revision is a housekeeping change to clarify matters for students.

Course #61 SOC480Y5 Internship in Sociology, Criminology, Law and Society

Before: International students should visit the International Education Centre to ensure they have the appropriate documentation well before the start of the course/internship.

After: International students should visit the International Education Centre to ensure they have the appropriate documentation **required to work in Canada** well before the start of the course/internship.

Rationale: This course was reintroduced for 2017-18 and we may wish to include an application/interview to facilitate selection and student support. The description now references institutional documentation to clarify requirements.

Course #62 SOC485H5 Investigation through Study Abroad

Before: An in-depth examination of selected topics in sociology as part of a UTM Study Abroad experience. During the international experience, students will collect data and observations to use as the basis for a final analytical project. As part of this course, students will have the option of participating in an international learning experience that will have an additional cost and application process. An interview may be required, with priority given to Sociology and Criminology, Law and Society Specialists and Majors.

After: An in-depth examination of selected topics in sociology as part of a UTM Study Abroad experience. **Topics vary from year to year and are noted on the timetable once confirmed.** During the international experience, students will collect data and observations to use as the basis for a final analytical project. As part of this course, students will have the option of participating in an international learning experience that will have an additional cost and application process. An interview may be required, with priority given to Sociology and Criminology, Law and Society Specialists and Majors.

Rationale: Housekeeping change to reflect current practice

Course #63 SOC491H5 Independent Research in Sociology

Before: ~~Open only to students who have completed at least 13.0 credits and have a 70% average in SOC courses. To enrol, a student must submit a specific proposal and obtain the approval of both the instructor and the Associate Chair.~~ Intended for Sociology Specialists and Majors who wish to explore in depth a particular subject area in ~~Sociology~~. ~~Students must have completed the required method and theory courses: SOC221H5, SOC222H5, SOC231H5 (for Specialists and Majors) and SOC350H5, SOC387H5 (for Specialists only).~~ Students may take a maximum of 2.0 credits of independent studies. ~~Not more than 1.0 credit may be taken with the same instructor.~~

After: Intended for Sociology Specialists and Majors who wish to explore a specific Sociology topic in depth. To enrol, a student must prepare a proposal form in consultation with a faculty supervisor and submit the signed form to the academic counsellor. Students may take a maximum of 2.0 credits of independent studies.

Rationale: Housekeeping change to reflect course focus

Course #64 SOC492H5 Independent Research in Sociology

Before: ~~Open only to students who have completed at least 13.0 credits and have a 70% average in SOC courses. To enrol, a student must submit a specific proposal and obtain the approval of both the instructor and the Associate Chair.~~ Intended for Sociology Specialists and Majors who wish to explore in depth a particular subject area in ~~Sociology~~. ~~Students must have completed the required method and theory courses: (SOC221H5, SOC222H5, SOC231H5 (for Specialists and Majors) and SOC350H5, SOC387H5 (for Specialists only).~~ Students may take a maximum of 2.0 credits of independent studies. ~~Not more than 1.0 credit may be taken with the same instructor.~~

After: Intended for Sociology Specialists and Majors who wish to explore a specific Sociology topic in depth. To enrol, a student must prepare a proposal form in consultation with a faculty supervisor and submit the signed form to the academic counsellor. Students may take a maximum of 2.0 credits of independent studies.

Rationale: Housekeeping change to align text among similar courses

Course #65 SOC493H5 Independent Research in Criminology, Law and Society

Before: ~~To enrol, a student must submit a specific proposal and obtain the approval of both the instructor and the Associate Chair.~~ Intended for Criminology, Law and Society ~~who have completed at least 13.0 credits~~ and who wish to explore in depth a ~~particular subject area in~~ Criminology, Law and ~~Society~~. ~~In order to enrol, students must have attained an average of at least 70% in SOC courses.~~ Students may take a maximum of 2.0 credits of independent studies. ~~No more than 1.0 credit may be taken with the same instructor.~~

After: Intended for Criminology, Law and Society Specialists and Majors who wish to explore a specific Criminology, Law and Society topic in depth. To enrol, a student must prepare a proposal form in consultation with a faculty supervisor and submit the signed form to the academic counsellor. Students may take a maximum of 2.0 credits of independent studies.

Rationale: Housekeeping change to align text among similar courses

Course #66 SOC494H5 Independent Research in Criminology, Law and Society

Before:

~~To enrol, a student must submit a specific proposal and obtain the approval of both the instructor and the Associate Chair.~~ Intended for Criminology, Law and Society Specialists and Majors who ~~have completed at least 13.0 credits and who~~ wish to explore ~~in depth~~ a ~~particular subject area in~~ Criminology, Law and ~~Society.~~ ~~In order to enrol, students must have attained an average of at least 70% in SOC courses.~~ Students may take a maximum of 2.0 credits of independent studies. ~~No more than 1.0 credit may be taken with the same instructor.~~

After: Intended for Criminology, Law and Society Specialists and Majors who wish to explore a specific Criminology, Law and Society topic in depth. To enrol, a student must prepare a proposal form in consultation with a faculty supervisor and submit the signed form to the academic counsellor. Students may take a maximum of 2.0 credits of independent studies.

Rationale: Housekeeping change to align text among similar courses

Course #67 WRI340H5 Critical Reading and Listening

Before: ~~Examines the role and responsibility of the communicator across a range of rhetorical settings extending from the private to the public sphere. Drawing on theorists such as Bordieu, Bakhtin, Eco, Fairclough, Foucault, Habermas, Lacan and Lemke for principles of discourse analysis, students learn to recognize, analyze and question the social, political, cultural, ethical and economic dynamics of "text" in order to become critical interpreters of rhetoric across a range of multi-modal, multi-medial forms.~~[24L]

After: This course approaches reading and listening as time-bound processes by which we sense and make sense of the world around us. Reading and listening are not to be reduced merely to how we consume written or aural texts, but rather will be explored as the perceptual and cognitive activities that structure our sense of time, space, self and environment. We will place a particular emphasis on reading and listening in contemporary digital culture by engaging selectively with fundamental concepts in critical theory, as well as recent work in media and sound studies. [24L]

Rationale: The new description better reflects how the course is now taught.

Changes in Course Name

Course #1 CCT273H5 Professional Practice and Communication

Before: Professional Practice and *Employability*

After: Professional Practice and *Communication*

Rationale: The change in the title better reflects the course description and our goal for the course.

Course #2 CCT301H5 Design for Online Cultures

Before: Design for Online Cultures (*IDM*)

After: Design for Online Cultures

Rationale: Removed the IDM program designation.

Course #3 CCT355H5 Trends in Digital Innovation (DEM)

Before: *E-Business Technologies (SH)(DEM)*

After: *Trends in Digital Innovation (DEM)*

Rationale: The change in title reflects the changes to technology and innovation that inform the course content. This course was previously part of the Sheridan offerings, but has been revised and restricted to DEM students at UTM.

Course #4 CCT356H5 Foundations of Digital Marketing (SH)

Before: *Online Advertising and* Marketing (SH)

After: *Foundations of Digital* Marketing (SH)

Rationale: The title change reflects updated course content.

Course #5 CCT372H5 Knowledge Media Design: Contexts and Practices

Before: Knowledge Media Design: Contexts and Practices (*IDM*)

After: Knowledge Media Design: Contexts and Practices

Rationale: Removed the IDM program designation.

Course #6 CCT374H5 Critical Histories of Information Technologies

Before: Critical Histories of Information Technologies (*IDM*)

After: Critical Histories of Information Technologies

Rationale: Removed the IDM program designation.

Course #7 CCT376H5 Introduction to Modelling Information

Before: Introduction to Modelling Information (*IDM*)

After: Introduction to Modelling Information

Rationale: Removed the IDM program designation.

Course #8 CCT414H5 Special Topics in Knowledge, Media and Design

Before: Special Topics in Knowledge, Media and Design (*IDM*)

After: Special Topics in Knowledge, Media and Design

Rationale: Removed the IDM specialist designation.

Course #9 CCT419H5 User Experience Design - UXD and Board Games

Before: User *Exploring User Experience, Cultural Theory* and *Gamification through* Board Games

After: User *Experience Design - UXD* and Board Games

Rationale: The title has been changed to complement the CCT480 revised course and title.

Course #10 CCT471H5 Knowledge Representation and Reasoning

Before: Knowledge Representation and Reasoning (*IDM*)

After: Knowledge Representation and Reasoning

Rationale: Removed the IDM program designation.

Course #11 CCT480H5 User Experience Analysis - UX

Before: User *Integrated Design for Interaction (IDM)*

After: User *Experience Analysis - UX*

Rationale: The title change is required to better highlight the alignment with industry-leading research methods as well as to indicate that this course complements the other advanced CCT UX-related course CCT485H5. The IDM program designation has been removed. The course is being designated as an experiential learning course.

Course #12 CCT481H5 Augmented Places and Social Media Spaces

Before: Augmented Places and Social Media Spaces (*IDM*)

After: Augmented Places and Social Media Spaces

Rationale: Removed the IDM program designation.

Course #13 CCT485H5 User Experience Design - UX

Before: User Experience Design

After: User Experience Design - *UX*

Rationale: This minor title change (the addition of the UX acronym) is required to better highlight the use of industry-standard terminology as well as to indicate that this course complements the other advanced CCT UX-related course CCT480.

Course #14 ENV430H5 Advanced Environmental Law and Policy

Before: Environmental Law and Policy

After: *Advanced* Environmental Law and Policy

Rationale: We have a new Environmental Law minor and we would like to make this the fourth year capstone course for the program. Also, JPE250Y5 is changing to two half courses one of which will be called Environmental Law so we would like to avoid duplication.

Course #15 SOC346H5 Special Topics in Criminology, Law and Society

Before: Special Topics in *Crime and* Law

After: Special Topics in *Criminology, Law and Society*

Rationale:

Course #16 SOC351H5 Politics and Violence: Spot the Difference

Before: Politics and *Violence*, Spot the Difference

After: Politics and *Violence: Spot the Difference*

Rationale: Punctuation change only (course has not been offered yet)

Course #17 SOC391H5 Independent Research in Sociology

Before: Independent Research

After: Independent Research *in Sociology*

Rationale: Housekeeping change to reflect course focus

Course #18 SOC392H5 Independent Research in Sociology

Before: Independent Research

After: Independent Research *in Sociology*

Rationale: Housekeeping change to reflect course focus

Course #19 SOC393H5 Independent Research in Criminology, Law and Society

Before: Independent Research in *Criminology and* Law

After: Independent Research in *Criminology, Law and Society*

Rationale: Housekeeping change to reflect course focus

Course #20 SOC394H5 Independent Research in Criminology, Law and Society

Before: Independent Research in *Criminology and* Law

After: Independent Research in *Criminology, Law and Society*

Rationale: Housekeeping change to reflect course focus

Course #21 SOC446H5 Advanced Topics in Criminology, Law and Society

Before: Advanced Topics in *Crime and* Law

After: Advanced Topics in *Criminology, Law and Society*

Rationale: Housekeeping change to reflect course focus

Course #22 SOC447H5 Advanced Topics in Criminology, Law and Society

Before: Advanced Topics in *Criminology*

After: Advanced Topics in *Criminology, Law and Society*

Rationale: Housekeeping change to reflect course focus

Course #23 SOC448H5 Advanced Topics in Criminology, Law and Society

Before: Advanced Topics in Law and Society

After: Advanced Topics in *Criminology, Law and Society*

Rationale: Housekeeping change to reflect course focus

Course #24 SOC491H5 Independent Research in Sociology

Before: Independent Research

After: Independent Research *in Sociology*

Rationale: Housekeeping change to reflect course focus

Course #25 SOC492H5 Independent Research in Sociology

Before: Independent Research
After: Independent Research *in Sociology*
Rationale: Housekeeping change to reflect course focus

Course #26 SOC493H5 Independent Research in Criminology, Law and Society

Before: Independent Research in *Criminology and* Law
After: Independent Research in *Criminology, Law and Society*
Rationale: Housekeeping change to reflect course focus

Course #27 SOC494H5 Independent Research in Criminology, Law and Society

Before: Independent Research in *Criminology and* Law
After: Independent Research in *Criminology, Law and Society*
Rationale: Housekeeping change to reflect course focus

Courses - Other Changes

Course #1 ANT299Y5 Research Opportunity Program

Before: Course Exclusion: *Distribution:* SSc SCI

After: Course Exclusion: **ANT299H5**
Distribution: SSc SCI **EXP**

Rationale: Students can not take the same course code again, so the "H" version of the course is not allowed.

Course #2 ANT399Y5 Research Opportunity Program

Before: Course Exclusion: *Distribution:* SSc SCI

After: Course Exclusion: **ANT399H5**
Distribution: SSc SCI **EXP**

Rationale: Students can not take the same course code again, so the "H" version of the course is not allowed.

Course #3 ANT463H5 Anthropologies of Water: On Meaning, Value, and Futures

Before: Prerequisite: **ANT204, ANT206**

After: Prerequisite: **ANT204H5**

Rationale: The knowledge of linguistic Anthropology (i.e. ANT206) is not necessary to succeed in the course.

Course #4 ANT464H5 The End of Coal: An Ethnographic Approach

Before: Prerequisite: **ANT204, ANT206**

After: Prerequisite: **ANT204H5**

Rationale: The knowledge of linguistic Anthropology (i.e. ANT206) is not necessary to succeed in the course.

Course #5 ANT499H5 Advanced Independent Research

Before: Distribution: SSc SCI

After: Distribution: SSc SCI **EXP**

Rationale: EXP checked off since there is an experiential component involved.

Course #6 CCT285H5 Immersive Environment Design

Before: Prerequisite: **CCT207H5, CCT218H5,**

After: Prerequisite: **CCT109H5, CCT110H5**

Rationale: CCT207 and CCT218 are former IDM courses hence most of our students have not taken these courses. We have changed these 2nd year course prerequisites to CCT109H5 and CCT110H5, the CCT introductory courses.

Course #7 CCT305H5 Design and Implementation of Multimedia Documents (SH)

Before: Prerequisite: **CCT109H5, CCT110H5, minimum of 8.0 credits**

After: Prerequisite: **CCT204H5/CCT250H5**

Rationale: This course should have a 2nd year prerequisite and CCT204 or CCT250 are in keeping with the same stream of study.

Course #8 CCT308H5 Advanced Research Methodologies

Before: Course Exclusion: **CCT309H5**
After: Course Exclusion:
Rationale: CCT309 is being deleted and has not been offered in years as was restricted to the former IDM students.

Course #9 CCT311H5 Game Design and Theory (SH)

Before: Prerequisite: **Minimum of 8.0 credits to include CCT109H5, CCT110H5**
After: Prerequisite: **CCT270H5**
Rationale: This course should have a 2nd year prerequisite and CCT270 is n keeping with the same stream of study.

Course #10 CCT312H5 Interactive Story Telling for Game Development (SH)

Before: Prerequisite: **CCT109H5, CCT110H5, CCT250H5**
After: Prerequisite: **CCT270H5**
Rationale: CCT250H5 Technology and Creative Expression deleted since not in the same cluster; CCT270 Principles in Game Design added instead.

Course #11 CCT319H5 Economics and the Digital Firm (DEM)

Before: Prerequisite: **CCT224H5; MGM101H5, 102H5**
After: Prerequisite: **CCT224H5, CCT225H5; MGM101H5, MGM102H5**
Rationale: This course requires both CCT224H5 and CCT225H5.

Course #12 CCT333H5 Social Innovation(SH)

Before: Prerequisite: **CCT109H5, CCT110H5**
After: Prerequisite: **CCT250H5**
Rationale: Adding CCT250H5 Technology and Creative Expression as a foundational course.

Course #13 CCT335H5 Technology and the City

Before: Prerequisite: **CCT218H5**
After: Prerequisite: **CCT109H5, CCT110H5**
Rationale: CCT218H5 is no longer relevant to how this course is currently being taught. CCT109H5 and CCT110H5 are sufficient.

Course #14 CCT356H5 Foundations of Digital Marketing (SH)

Before: Course Exclusion:
After: Course Exclusion: **CCT354H5**
Rationale: The title change reflects updated course content.

Course #15 CCT365H5 Surveillance

Before: Course Exclusion: **CCT265H5**
After: Course Exclusion:
Rationale: CCT265H5 no longer exists.

Course #16 CCT372H5 Knowledge Media Design: Contexts and Practices

Before: Prerequisite: **CCT213H5**

After: Prerequisite: **CCT210H5**

Rationale: CCT213H5 is no longer offered. We have replaced the prerequisite to CCT210H5 a similar course..

Course #17 CCT376H5 Introduction to Modelling Information

Before: Prerequisite: **CCT372H5**

After: Prerequisite: **A minimum of 8.0 credits.**

Rationale: CCT372 was a former IDM required course.

Course #18 CCT384H5 Inclusive Design and Social Responsibility (SH)

Before: Prerequisite: **CCT109H5, CCT110H5**

After: Prerequisite: **CCT204H5**

Rationale: Adding CCT204H5 as a foundation for this cluster/stream of courses.

Course #19 CCT419H5 User Experience Design - UXD and Board Games

Before: Prerequisite: **CCT210H5/CCT218H5/CCT380H5/382H5**, completion of 8.0 credits.

After: Prerequisite: **CCT210H5 or CCT218H5 or CCT380H5 or CCT382H5**, completion of 8.0 credits.

Rationale: Made prerequisites more clearer to understand.

Course #20 CCT480H5 User Experience Analysis - UX

Before: Prerequisite: **CCT382H5 Distribution: SSc**

After: Prerequisite: **CCT380H5, minimum of 13.0 credits.**
Distribution: SSc EXP

Rationale: CCT380H5 has replaced CCT382H5 as a prerequisite as it is more related to how the course is being taught.

Course #21 ECO200Y5 Microeconomic Theory

Before: Corequisite: **MAT133Y5/134Y5/135Y5/137Y5**

After: Corequisite:
MAT133Y5/MAT134Y5/(MAT132H5,MAT134H5)/135Y5/(MAT135H5,MAT136H5)/137Y5

Rationale: Change due to: MAT135Y5/(MAT135H5,MAT136H5), MAT134Y5/(MAT132H5,MAT134H5)

Course #22 ECO202Y5 Macroeconomic Theory and Policy

Before: Corequisite: **MAT133Y5/134Y5/135Y5/137Y5**

After: Corequisite:
MAT133Y5/MAT134Y5/(MAT132H5,MAT134H5)/135Y5/(MAT135H5,MAT136H5)/137Y5

Rationale: Change due to: MAT135Y5/(MAT135H5,MAT136H5), MAT134Y5/(MAT132H5,MAT134H5)

Course #23 ECO204Y5 Microeconomic Theory and Applications (for Commerce)

Before: Corequisite: **MAT133Y5/134Y5/135Y5/137Y5**

After: Corequisite: **MAT133Y5/134Y5/135Y5/(MAT135H5,MAT136H5)/137Y5**

Rationale: Change due to: MAT135Y5/(MAT135H5,MAT136H5)

Course #24 ECO206Y5 Microeconomic Theory

Before: Prerequisite: ECO100Y5(70%); MAT133Y5 **(80%)/134Y5/135Y5(63%)/137Y5(60%)**
After: Prerequisite: ECO100Y5(70%); MAT133Y5
(80%)/MAT134Y5/(MAT132H5,MAT134H5)/MAT135Y5(63%)/(MAT135H5(63%),MAT136H5)
Rationale: Change due to: MAT135Y5/(MAT135H5,MAT136H5), MAT134Y5/(MAT132H5,MAT134H5)

Course #25 ECO208Y5 Macroeconomic Theory

Before: Prerequisite: ECO100Y5(70%); **MAT133Y5 (80%)/134Y5/135Y5(63%)/137Y5(60%)**
After: Prerequisite: ECO100Y5(70%);
MAT133Y5(80%)/MAT134Y5/(MAT132H5,MAT134H5)/MAT135Y5(63%)/(MAT135H5(63%),MAT136H5)
Rationale: Change due to: MAT135Y5/(MAT135H5,MAT136H5), MAT134Y5/(MAT132H5,MAT134H5)

Course #26 ECO209Y5 Macroeconomic Theory and Policy

Before: Corequisite: **MAT133Y5/134Y5/135Y5/137Y5**
After: Corequisite:
MAT133Y5/MAT134Y5/(MAT132H5,MAT134H5)/MAT135Y5/(MAT135H5,MAT136H5)/MAT136H5
Rationale: Change due to: MAT135Y5/(MAT135H5,MAT136H5), MAT134Y5/(MAT132H5,MAT134H5)

Course #27 ECO220Y5 Quantitative Methods in Economics

Before: Prerequisite: ECO100Y5 (63%); **MAT133Y5(63%)/134Y5/135Y5/137Y5**; and a CGPA 2.0 **Course** Exclusion: BIO360H5, ECO227Y5; MAT(123H1, 124H1); PSY(201H5,202H5); STA(218H5/220H5,221H5,255H1/256H5)/ **STA(257H5/256H5, 258H5)/STA(257H5/256H5, 261H5/260H5)**
After: Prerequisite: ECO100Y5 (63%);
MAT133Y5(63%)/MAT134Y5/(MAT132H5,MAT134H5)/MAT135Y5/(MAT135H5,MAT136H5)
and a CGPA 2.0
Course Exclusion: BIO360H5, 361H5; ECO227Y5; MAT(123H1, 124H1); PSY(201H5,202H5); STA(218H5/220H5,221H5,255H1/256H5)/ **STA(257H5/256H5,258H5)/STA(257H5/256H5,261H5/260H5)**
Rationale: No actual change to course. Some tutorials are held in computer labs. Based on request from Office of the Registrar, we are redistributing 2 hours to practicum hours, to represent actual practice.
No actual change to course. Some tutorials are held in computer labs. Based on request from Office of the Registrar, we are redistributing 2 hours to practicum hours, to represent actual practice.
Edited for change due to: MAT135Y5/(MAT135H5,MAT136H5), MAT134Y5/(MAT132H5,MAT134H5)

Course #28 ECO227Y5 Quantitative Methods in Economics

Before: Prerequisite: ECO100Y5(70%); MAT133Y5 **(80%)/134Y5/135Y5(63%)/137Y5(60%)** **Course** Exclusion: BIO360H5, PSY(201H5,202H5); STA(218H5/220H5,221H5,255H1/256H5)/ STA(257H5/256H5, **258H5)/STA(257H5/256H5,261H5/260H5)**
After: Prerequisite: ECO100Y5(70%); MAT133Y5
(80%)/MAT134Y5/(MAT132H5,MAT134H5)/MAT135Y5(63%)/(MAT135H5(63%),MAT136H5)
Course Exclusion: BIO360H5, 361H5; ECO220Y5; PSY(201H5,202H5); STA(218H5/220H5,221H5,255H1/256H5)/ STA(257H5/256H5, **258H5)/STA(257H5/256H5,261H5/260H5), SOC350H5, 351H5**
Rationale: Change due to: MAT135Y5/(MAT135H5,MAT136H5), MAT134Y5/(MAT132H5,MAT134H5)

Course #29 ECO315H5 Economics of Poverty

Before: Prerequisite: ECO200Y5/204Y5/206Y5; ECO202Y5/208Y5/209Y5;
ECO220Y5/227Y5/(STA256H6,STA260H5)
After: Prerequisite: ECO200Y5/204Y5/206Y5; ECO202Y5/208Y5/209Y5;
ECO220Y5/227Y5/(STA256H5,STA260H5)

Rationale: Typo correction only

Course #30 ECO359H5 Financial Economics II

Before: Course Exclusion: **MTG331Y1,337Y5/338H5,339H5**

After: Course Exclusion: **MGT331Y1,337Y5/338H5,339H5**

Rationale: Typo correction only.

Course #31 ECO362H5 Economic Growth: Theory and Evidence

Before: Prerequisite: **ECO200Y5/204Y5/206Y5,202Y5/208Y5/209Y5,220Y5/227Y5/**
STA(250H1,257H5/256H5)/STA(257H5/256H5,261H5/260H5)/STA(257H5/256H5, 248H5/258H5),
MAT133Y5/134Y5/135Y5/137Y5

After: Prerequisite: **ECO200Y5/204Y5/206Y5, ECO202Y5/208Y5/209Y5, ECO220Y5/227Y5/**
STA(250H1,257H5/256H5)/STA(257H5/256H5,261H5/260H5)/STA(257H5/256H5, 248H5/258H5),
MAT133Y5/MAT134Y5/(MAT132H5,MAT134H5)/MAT135Y5/(MAT135H5,MAT136H5)/MAT

Rationale: Change due to: MAT135Y5/(MAT135H5,MAT136H5), MAT134Y5/(MAT132H5,MAT134H5)

Course #32 ECO383H5 Introduction to Empirical Methods of Microeconomics

Before: Prerequisite: ECO200Y5/204Y5/206Y5; ECO220Y5/227Y5/STA(250H1,257H5/256H5)/STA(257H5/256H5,261H5/260H5)/
STA(257H5/256H5,248H5/258H5); **MAT133Y5/135Y5/137Y5**

After: Prerequisite: ECO200Y5/204Y5/206Y5; ECO220Y5/227Y5/STA(250H1,257H5/256H5)/STA(257H5/256H5,261H5/260H5)/
STA(257H5/256H5,248H5/258H5); **MAT133Y5/135Y5/(MAT135H5,MAT136H5)/137Y5**

Rationale: Change due to: MAT135Y5/(MAT135H5,MAT136H5)

Course #33 ECO435H5 Growth and Development of the Chinese Economy

Before: Prerequisite: ECO200Y5/ECO204Y5/ECO206Y5;ECO202Y5/
ECO209Y5/ECO208Y5;ECO220Y5/ECO227Y5/(STA256H6,STA260H5)

After: Prerequisite: ECO200Y5/ECO204Y5/ECO206Y5;ECO202Y5/
ECO209Y5/ECO208Y5;ECO220Y5/ECO227Y5/(STA256H5,STA260H5)

Rationale: Typo correction.

Course #34 ECO460H5 Introduction to Financial Risk Management

Before: Prerequisite: ECO200Y5(70%)/204Y5(70%)/206Y5,220Y5(70%)/ ECO227Y5/
STA(256H5(70%),261H5(70%))/STA(256H6(70%),258H5(70%))

After: Prerequisite: ECO200Y5(70%)/204Y5(70%)/206Y5,220Y5(70%)/ ECO227Y5/
STA(256H5(70%),261H5(70%))/STA(256H5(70%),258H5(70%))

Rationale: Typo correction.

Course #35 GGR322H5 GIS and Population Health

Before: Prerequisite: GGR278H5, GGR353H5

After: Prerequisite: GGR278H5, GGR353H5 **or PI**

Rationale: removed the statement regarding course assessment as it is not necessary and changes depending on who is teaching the course: "Assessment will involve completion of three laboratory assignments, a mid-term test, and a final exam."

Course #36 JAL253H5 Language and Society

Before: Prerequisite: **LIN204H5, LIN101H5, LIN102H5 (or LIN100Y5), or ANT206H5**

After: Prerequisite: **LIN204H5/ LIN101H5/ LIN102H5/ LIN100Y5/ANT206H5**

Rationale: The previous format of the list of prerequisites was confusing as it was not clear what the or applies to. Slashes are much easier to understand.

Course #37 MGT200H5 Presentation Skills for Management

Before: Prerequisite: **MGM101H5, MGT120H5**

After: Prerequisite: **MGM101H5**

Rationale: MGT 120 is not needed as a prerequisite for MGT 200.

Course #38 POL301H5 Topics in Political Theory

Before: Prerequisite: POL **200Y**

After: Prerequisite: POL **200Y/POL 200Y1**

Rationale: updated to align with St. George equivalent

Course #39 POL304Y5 Politics of South Asia

Before: Prerequisite: POL **208Y/POL 218Y** or permission of instructor based on strong interest in South Asia

After: Prerequisite: POL **208Y5/POL208Y1/POL 218Y5** or permission of instructor based on strong interest in South Asia

Rationale: updated to align prerequisite with St. George equivalent

Course #40 POL305H5 Topics in International Relations

Before: Prerequisite: POL 208Y5

After: Prerequisite: POL 208Y5 **or POL208Y1**

Rationale: updated to align prerequisite with St. George equivalent

Course #41 POL305Y5 Topics in International Relations

Before: Prerequisite: POL208Y5

After: Prerequisite: POL208Y5 **or POL208Y1**

Rationale: updated to align prerequisite with St. George equivalent

Course #42 POL309Y5 The State, Planning and Markets

Before: Prerequisite: POL200Y

After: Prerequisite: POL200Y **or POL200Y1**

Rationale: updated to align prerequisite with St. George equivalent

Course #43 POL310Y5 Managing International Military Conflict

Before: Prerequisite: POL208Y5

After: Prerequisite: POL208Y5 **or POL208Y1**

Rationale: updated to align prerequisite with St. George equivalent

Course #44 POL316Y5 Contemporary Canadian Federalism

Before: Prerequisite: POL100Y5/102Y1/(110H5, 111H5)/214Y5

After: Prerequisite: POL100Y5/102Y1/(110H5, 111H5)/214Y5 **or POL214Y1**

Rationale: updated to align prerequisite with St. George equivalent

Course #45 POL320Y5 Modern Political Thought

Before: Prerequisite: POL200Y5

After: Prerequisite: POL200Y5 **or POL 200Y1**

Rationale: updated to align prerequisite with St. George equivalent

Course #46 POL322Y5 Enlightenment and Theocracy

Before: Prerequisite: POL **200Y**, but POL 320Y is recommended

After: Prerequisite: POL **200Y5, or POL 200Y1** but POL 320Y is recommended

Rationale: updated to align prerequisite with St. George equivalent

Course #47 POL327Y5 Comparative Foreign Policy

Before: Prerequisite: POL208Y5

After: Prerequisite: POL208Y5 **or POL208Y1**

Rationale: updated to align prerequisite with St. George equivalent

Course #48 POL336Y5 Ontario Politics

Before: Prerequisite: POL100Y5/102Y1/(110H5, 111H5)/214Y5

After: Prerequisite: POL100Y5/102Y1/(110H5, 111H5)/214Y5 **or POL 214Y1**

Rationale: updated to align prerequisite with St. George equivalent

Course #49 POL399Y5 Research Opportunity Program

Before: Course Exclusion:

After: Course Exclusion: **adding 0.5 credit 300 level ROP option to enhance experiential learning offerings for students (now permitted by Dean's office)**

Rationale: exclusion updated to reflect addition of POL399H5

Course #50 POL404Y5 Political Thought from Freud to Foucault

Before: Prerequisite: POL 200Y

After: Prerequisite: POL 200Y **or POL200Y1**

Rationale: updated to align prerequisite with St. George equivalent

Course #51 SOC299Y5 Research Opportunity Program

Before: Prerequisite: **Course** Exclusion:

After: Prerequisite: **SOC100H5, 2nd Year Standing, P.I.**
Course Exclusion: **Students may not take SOC299H5 and SOC299Y5 concurrently.**

Rationale: Housekeeping prereq updates to correct previous omissions.

Exclusion note required per Dean's Office following introduction of SOC299H5.

Course #52 SOC303H5 White-collar and Corporate Crime

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**
After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5, SOC222H5**
Rationale: .
SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #53 SOC306H5 Education and Social Control

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #54 SOC309H5 Sociology of Mass Communication

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #55 SOC311H5 Special Topics in Law

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**
After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5, SOC222H5**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #56 SOC316H5 Crime Prevention and Security

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**
After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5, SOC222H5**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #57 SOC318H5 Sociology of Mental Health and Mental Disorders

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level.**
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #58 SOC320H5 Criminal Justice Organizations

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**
After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5, SOC222H5**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our

Course #59 SOC322H5 Criminal Justice and Inequality

- Before:** Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**
- After:** Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5, SOC222H5**
- Rationale:** SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.
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Course #60 SOC323H5 Law and Society

- Before:** Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**
- After:** Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5, SOC222H5**
- Rationale:** SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.
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Course #61 SOC325H5 Law and Social Theory

- Before:** Prerequisite: **SOC100H5; SOC209H5**
- After:** Prerequisite: **SOC100H5, 1.0 SOC credit at the 200 level**
- Rationale:** To correct prereq error in initial proposal
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Course #62 SOC327H5 Drugs and the Modern World

- Before:** Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**
- After:** Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5, SOC222H5**
- Rationale:** SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.
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Course #63 SOC328H5 Drugs in the City

- Before:** Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**
- After:** Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5; SOC222H5**
- Rationale:** SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.
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Course #64 SOC330H5 Criminology and Immigration

- Before:** Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**
- After:** Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5, SOC222H5**
- Rationale:** SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.
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Course #65 SOC332H5 Race and Ethnicity in Canada

- Before:** Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**
- After:** Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**
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Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #66 SOC334H5 Aging and Society

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**

Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #67 SOC335H5 Political Sociology

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**

Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #68 SOC338H5 Legal Developments in Criminology

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**

After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5, SOC222H5**

Rationale: Housekeeping change to reflect current practice
SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #69 SOC340H5 Social Change

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**

Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #70 SOC341H5 Contemporary Issues in the Sociology of Work

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**

Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #71 SOC342H5 Sociology of Scandals

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**

Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #72 SOC343H5 Urban Sociology

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #73 SOC344H5 Sociological Approaches to Social Psychology

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level Course**
Exclusion:
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5 Course** Exclusion: **SOC213H1**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.
Exclusion add to reflect St George course.

Course #74 SOC345H5 Special Topics in Sociology

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #75 SOC346H5 Special Topics in Criminology, Law and Society

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**
After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5, SOC222H5**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #76 SOC347H5 Sociology of Masculinities

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #77 SOC349H5 Sociology of Food

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #78 SOC350H5 Quantitative Analysis

Before:

Course Exclusion: SOC300Y5, SOC300H1, SOC252H1, **BIO360H5, BIO361H5, ECO220Y5, ECO227Y5, any STA course, except STA107H5.**

After: Course Exclusion: SOC300Y5, SOC300H1, SOC252H1,

Rationale: All students in the Sociology and Criminology, Law and Society Specialist programs are required to take this course. To align course description with those of other required courses. The following courses have been removed as exclusions as they are not equivalent to SOC350H5 and to clarify the exclusions for students: BIO360H5, BIO361H5, ECO220Y5, ECO227Y5, any STA course, except STA107H5.

Course #79 SOC351H5 Politics and Violence: Spot the Difference

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**

After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5, SOC222H5**

Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #80 SOC354H5 Global Sociology

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**

Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #81 SOC355H5 Sociology of the Professions

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**

Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #82 SOC356H5 Population and Society

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**

Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #83 SOC357H5 The Legal Profession

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**

After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5, SOC222H5**

Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #84 SOC359H5 Gendered Identities

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**

Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #85 SOC362H5 Sex, Gender and Work

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**

Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #86 SOC364H5 New Directions in Social Inequality

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**

Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #87 SOC365H5 Special Topics in Criminology

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**

After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5, SOC222H5**

Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #88 SOC371H5 Sociology of Punishment

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**

After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5, SOC222H5**

Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #89 SOC375H5 Sociology of International Migration

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**

Rationale: NONE

SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #90 SOC378H5 Law, Crime and Justice

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**

After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5, SOC222H5**

Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #91 SOC379H5 Sociology of Crime

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5**
After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, **SOC221H5, SOC222H5**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #92 SOC380H5 Gender, Politics and Society

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #93 SOC384H5 Media Ethics and Policy: Controversies in Mass Communication

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Course #94 SOC387H5 Qualitative Analysis

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **0.5 SOC credit at the 200 level**
After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, **SOC222H5**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Tutorials are held in computer lab and should therefore be designated as practicals instead.

Course #95 SOC391H5 Independent Research in Sociology

Before: Prerequisite: SOC221H5, SOC222H5, SOC231H5, **completed at least 8.0 credits, P.I.**
After: Prerequisite: SOC221H5, SOC222H5, SOC231H5, **3rd Year Standing, P.I.**
Rationale: Housekeeping change to reflect current practice

Course #96 SOC392H5 Independent Research in Sociology

Before: Prerequisite: SOC221H5, SOC222H5, SOC231H5, **completed at least 8.0 credit, P.I.**
After: Prerequisite: SOC221H5, SOC222H5, SOC231H5, **3rd Year Standing, P.I.**
Rationale: Housekeeping change to reflect current practice

Course #97 SOC393H5 Independent Research in Criminology, Law and Society

Before: Prerequisite: SOC205H5, SOC209H5, SOC221H5, **completed at least 8.0 credits, P.I.**
After: Prerequisite: SOC205H5, SOC209H5, SOC221H5, **SOC222H5, 3rd Year Standing, P.I.**
Rationale: SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Change to "3rd Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #98 SOC394H5 Independent Research in Criminology, Law and Society

- Before:** Prerequisite: SOC205H5, SOC209H5, SOC221H5, **completed at least 8.0 credits**, P.I.
- After:** Prerequisite: SOC205H5, SOC209H5, SOC221H5, **SOC222H5, 3rd Year Standing**, P.I.
- Rationale:** SOC222H5 is a required/foundational course and has been added as a prerequisite for all 300-level courses (excluding SOC382H5 and courses intended for students in our SOC minor program) to support student progression through our major and specialist programs.

Change to "3rd Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #99 SOC399Y5 Research Opportunity Program

- Before:** Prerequisite: SOC221H5, SOC222H5, **completed at least 8.0 credits**, P.I. **Course Exclusion:**
- After:** Prerequisite: SOC221H5, SOC222H5, **3rd Year Standing**, P.I.
Course Exclusion: Students may not take SOC399H5 and SOC399Y5 concurrently.

Rationale: Housekeeping change to reflect prereq current practice.

Exclusion note required per Dean's Office following introduction of SOC399H5.

Course #100 SOC401H5 Doing Public Sociology

- Before:** Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5, 0.5 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I. **Distribution:** SSc
- After:** Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5, 0.5 SOC credit at the 300 level, **4th Year Standing**, P.I.
Distribution: SSc **EXP**

Rationale: To correct EXP omission in initial course proposal.

Change to "4th Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #101 SOC403H5 Prisons, Punishment & Surveillance Across the Globe

- Before:** Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5, 0.5 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.
- After:** Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5, 0.5 SOC credit at the 300 level, **4th Year Standing**, P.I.

Rationale: Housekeeping change

Course #102 SOC410H5 Senior Seminar in Inequality

- Before:** Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.
- After:** Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **4th Year Standing**, P.I.

Rationale: Change to "4th Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #103 SOC411H5 Senior Seminar in Social Institutions

- Before:** Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **4th Year Standing**, P.I.

Rationale: Change to "4th Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #104 SOC412H5 Senior Seminar in the Sociology of Work

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **4th Year Standing**, P.I.

Rationale: Change to "4th Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #105 SOC413H5 Senior Seminar in the Sociology of Gender

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **4th Year Standing**, P.I.

Rationale: Change to "4th Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #106 SOC414H5 Senior Seminar in Political Sociology

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **4th Year Standing**, P.I.

Rationale: Change to "4th Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #107 SOC416H5 Senior Seminar in the Sociology of Culture

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **4th Year Standing**, P.I.

Rationale: Change to "4th Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #108 SOC417H5 Senior Seminar in the Sociology of Globalization

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **4th Year Standing**, P.I.

Rationale: Change to "4th Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #109 SOC418H5 Senior Seminar in the Sociology of Health

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.

After:

Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **4th Year Standing**, P.I.

Rationale: Change to "4th Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #110 SOC420H5 Senior Seminar in Punishment

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5, 0.5 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5, 0.5 SOC credit at the 300 level, **4th Year Standing**, P.I.

Rationale: Change to "4th Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #111 SOC421H5 Senior Seminar in Criminology

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5, 0.5 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5, 0.5 SOC credit at the 300 level, **4th Year Standing**, P.I.

Rationale: Change to "4th Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #112 SOC434H5 Race, Class, Gender in the Global South

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, 1.0 SOC credit at the 300 level, **4th Year Standing**, P.I.

Rationale: Change to "4th Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #113 SOC439H5 Research Project in Sociology

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, **completed at least 13.0 credits**, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, **4th Year Standing**, P.I.

Rationale: Change to "4th Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #114 SOC440H5 Research Project in Criminology, Law and Society

Before: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, **completed at least 13.0 credits**, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5, SOC222H5, **4th Year Standing**, P.I.

Rationale: Change to "4th Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #115 SOC450H5 Walls to Bridges: Carceral Seminar

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5, **completed at least 13.0 credits**, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5, **4th Year Standing**, P.I.

Rationale: Change to "4th Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #116 SOC467H5 Peel Social Lab Seminar: Translating Research for the Wider Public

Before:

Prerequisite: SOC205H5/SOC231H5, SOC221H5 and SOC222H5, **completed at least 13.0 credits**, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC221H5 and SOC222H5, **4th Year Standing**, P.I.

Rationale: Change to "4th Year Standing" is a housekeeping change to reflect current practice and align with similar courses.

Course #117 SOC480Y5 Internship in Sociology, Criminology, Law and Society

Before: Prerequisite: **SOC205H5/SOC231H5, SOC221H5 and SOC222H5, completed at least 13.0 credits**, minimum CGPA **3.0**, P.I.

After: Prerequisite: **SOC205H5/SOC231H5; SOC221H5; SOC222H5; 4th Year Standing**; minimum CGPA **3.0**; P.I.

Rationale: Housekeeping change to align requirements with similar courses.

Course #118 SOC491H5 Independent Research in Sociology

Before: Prerequisite:

After: Prerequisite: **SOC205H5/SOC231H5, SOC221H5, SOC222H5, 0.5 SOC credit at the 300 level, 4th Year Standing, P.I.**

Rationale: Housekeeping change to reflect course focus

Course #119 SOC492H5 Independent Research in Sociology

Before: Prerequisite:

After: Prerequisite: **SOC205H5/SOC231H5, SOC221H5, SOC222H5, 0.5 SOC credit at the 300 level, 4th Year Standing, P.I.**

Rationale: Housekeeping change to align text among similar courses

Course #120 SOC493H5 Independent Research in Criminology, Law and Society

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5, 0.5 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5, 0.5 SOC credit at the 300 level, **4th Year Standing**, P.I.

Rationale: Housekeeping change to align text among similar courses

Course #121 SOC494H5 Independent Research in Criminology, Law and Society

Before: Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5, 0.5 SOC credit at the 300 level, **completed at least 13.0 credits**, P.I.

After: Prerequisite: SOC205H5/SOC231H5, SOC209H5, SOC221H5, SOC222H5, 0.5 SOC credit at the 300 level, **4th Year Standing**, P.I.

Rationale: Housekeeping change to align text among similar courses

Course #122 SOC499Y5 Research Opportunity Program

Before: Prerequisite: SOC221H5, SOC222H5, **completed at least 13.0 credits**, P.I. **Course Exclusion:**

After: Prerequisite: SOC221H5, SOC222H5, **4th Year Standing**, P.I.
Course Exclusion: Students may not take SOC499H5 and SOC499Y5 concurrently.

Rationale:

Housekeeping change to reflect current prereq practice.

Exclusion note required per Dean's Office following introduction of SOC499H5.

Course #123 utm111H5 utmONE: Tools of the Trade

Before: Course Exclusion: utm110H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #124 utm112H5 utmONE: Power of Expression

Before: Course Exclusion: utm110H5, utm111H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #125 utm114H5 utmONE: Technology and Innovation: Historical, Social and Economic Perspectives

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #126 utm115H5 utmONE: Communication Among Cultures

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #127 utm116H5 utmONE: Happiness

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #128 utm117H5 utmONE: Individualism, The Development Of An Idea

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #129 utm118H5 utmONE: Science of Learning

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #130 utm190H5 utmONE Scholars: The Drama of Politics

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #131 utm191H5 utmONE Scholars: Science Meets Society

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #132 utm192H5 utmONE Scholars: Language, Culture, and Mind

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm193H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #133 utm193H5 utmONE Scholars: Nations Colliding?

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm194H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm194H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #134 utm194H5 utmONE Scholars: Religion and Politics

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm195H5, utm196H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm195H5, utm196H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #135 utm196H5 utmONE Scholars: Building Global Justice

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm197H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm197H5

Rationale: New course added which needs to be included in the exclusion list

Course #136 utm197H5 utmONE Scholars: Humans in Nature: Interactions and Impacts

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5

After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm114H5, utm115H5, utm116H5, utm117H5, utm118H5, **utm119H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5

Rationale: New course added which needs to be included in the exclusion list
