

**FOR APPROVAL**

**PUBLIC**

**OPEN SESSION**

**TO:** UTM Academic Affairs Committee

**SPONSOR:** Professor Amrita Daniere, Interim Vice-Principal Academic & Dean  
**CONTACT INFO:**

**PRESENTER:** Professor Tracey Bowen, Vice-Dean, Teaching & Learning  
**CONTACT INFO:** [vdteachlearn.utm@utoronto.ca](mailto:vdteachlearn.utm@utoronto.ca)

**DATE:** January 4, 2023 for January 11, 2023

**AGENDA ITEM:** 5

**ITEM IDENTIFICATION:**

Minor Modification: Undergraduate Curriculum Changes: Humanities, Sciences and Social Sciences, UTM

**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:**

- UTM Academic Affairs Committee [for approval] (January 11, 2023)

**PREVIOUS ACTION TAKEN:**

Minor undergraduate curriculum changes in the Humanities, Sciences and Social Sciences for the 2023-24 academic year were approved by the Academic Affairs Committee in September of 2022.

**HIGHLIGHTS:**

The Curriculum Reports are comprised of Minor Modifications to existing undergraduate programs. These curricular changes are intended to have significant positive effects 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 will come into effect during the 2023-2024 Academic Year.

The enclosed reports represent the proposed changes from the October 2022 meetings of the Decanal Divisional Undergraduate 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 Institute. Each of the attached curriculum reports are organized by academic unit and then sub-divided based on the type of change(s) being proposed.

Resource implications for all proposed changes were reviewed by the Resource Implications Committee within the Office of the Dean. These curriculum reports reflect all approved resource requests. Where required, library resources have been discussed and approved by the Hazel McCallion Academic Learning Centre (HMALC).

The Humanities Divisional Undergraduate Curriculum Committee report summarizes changes made to 19 programs and 82 courses. Of these course changes, academic units in the Humanities are looking forward to introducing 13 new courses in 2023-2024 along with 64 course modifications and 5 course retirements.

Changes proposed in the Sciences Divisional Undergraduate Curriculum Committee and reflected in the corresponding report include 35 program changes along with 100 course changes, of which 9 are new courses, 85 are modifications to existing courses, and 6 are retired courses.

In the Social Sciences, 35 program changes were proposed along with 155 course changes (23 new courses; 118 course modifications; and 14 course retirements).

Across the Humanities, Sciences, and Social Sciences, the Committees reviewed the Division's first set of "Online/ Hybrid-by-Design" course proposals. These proposals allow instructors to intentionally and permanently shift their course delivery modes to either online or hybrid. All proposals to alter course delivery modes were pre-vetted by a special advisory committee within the Office of the Dean before being presented to the appropriate Divisional Undergraduate Curriculum Committee for inclusion in these reports. This year saw a total of 20 proposals presented to the Committees – 5 from the Humanities, 7 from the Sciences, and 8 from the Social Sciences.

## **RECOMMENDATION:**

Be It Resolved,

THAT the proposed Humanities, Sciences and Social Sciences undergraduate curriculum changes at UTM, as detailed in the respective curriculum reports, be approved, effective September 1, 2023.

## **DOCUMENTATION PROVIDED:**

- Humanities Curriculum Report
- Sciences Curriculum Report
- Social Sciences Curriculum Report



# UNIVERSITY OF TORONTO

## **University of Toronto Mississauga**

HUM Curriculum Proposals Report

December 1, 2022

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# English and Drama (UTM), Department of

## 1 New Course:

ENG319H5: Sexuality, Race, and Gender in Video Games and Gaming Culture

**Contact Hours:**

Lecture: 36

**Description:**

This course investigates representation and identity in and through digital games. Students will primarily consider gender, race, sexuality, and the non-human world in relation to the complex circuits of desire, projection, and disguise that exist among players, avatars, non-player characters, and other gamers. Students will interpret and critique both blockbuster AAA games with large development budgets and production teams as well as small-scale indie and experimental games and will learn about expressive, critical, and avant-garde design and play practices. The class will also discuss games as instruments of persuasion, protest, social change, and community formation.

**Prerequisites:**

(1.0 credit of ENG, which must include 0.5 credit of 200-level ENG Game Studies and 3.0 additional credits) or permission from the department

**Rationale:**

This course supplements other departmental offerings in the literary and cross-media study of race, gender, ethnicity, and sexuality. Advanced course in the potential Game Studies Minor that considers games in relation to character, identity, and representation.

**Consultation:**

Consultation undertaken with English and Drama Curriculum Committee and English and Drama department.

**Resources:**

Classroom

## 4 Minor Program Modifications:

### Canadian Studies - Major (Arts)

#### **Completion Requirements:**

7.0 credits are required, fulfilling the following requirements:

1. HIS262H5
2. (POL215H5 and POL216H5) or POL214Y5
3. 1.0 ENG credits from ENG215H5 or ENG252Y5 or ENG255H5 or ENG274H5 or ENG352H5 or ENG353Y5 or ENG354Y5 or ENG357H5 or ENG361H5 or ENG362H5 or ENG392H5 or ENG393H5;
4. GGR202H5; and
5. 4.0 additional credits (at least 2.0 of which must be at the 300/400 level) from the following course list that have not already been applied towards the requirements for the Major Program in Canadian Studies. ANT241H5 or CIN205H5 or DRE200H5 or DRE305H5 or DRE405H5 or ECO323Y5 or ENG271H5 or **ENG309H5** or ENG357H5 or ENG358H5 or ENG424H5 or ENG425H5 or FAH275H5 or FAH292H5 or FRE312H5 or FRE316H5 or FRE342H5 or FRE417H5 or JFL454H5 or GGR348H5 or GGR384H5 or GGR415H5 or HIS261H5 or HIS315H5 or HIS318H5 or HIS319H5 or HIS342H5 or HIS358H5 or HIS367H5 or HIS369H5 or HIS402H5 or HIS462H5 or ITA255Y5 or JPE251H5 or JPE252H5 or LIN454H5 or MGT423H5 or MGT429H5 or POL111H5 or POL316Y5 or POL336Y5 or POL353Y5 or POL490H5 or POL494Y5 or SOC210H5 or SOC301H5 or SOC302H5 or SOC332H5 or SOC339H5 or SOC415H5 or WGS210H5 or WGS215H5 or WGS335H5 or WGS343H5 or WGS347H5.

#### **Rationale:**

Course updates.

### Canadian Studies - Minor (Arts)

#### **Completion Requirements:**

4.0 credits are required, fulfilling the following requirements:

1. 2.0 credits in at least two different subject areas from the following list: DRE305H5 or ENG215H5 or ENG252Y5 or ENG255H5 or ENG274H5 or **ENG309H5** or ENG352H5 or ENG353Y5 or ENG354Y5 or ENG357H5 or ENG361H5 or ENG362H5 or ENG392H5 or ENG393H5 or FAH275H5 or FRE342H5 or GGR202H5 or HIS261H5 or HIS262H5 or HIS342H5 or HIS358H5 or POL214Y5 or POL215H5 or POL216H5 or SOC210H5 or SOC339H5.
2. 2.0 additional credits (at least 1.0 of which must be at the 300/400 level) from courses listed above that have not already been applied towards the requirements for the Minor Program in Canadian Studies or approved by the program advisor.

#### **Rationale:**

Course updates.



## English - Major (Arts)

### Completion Requirements:

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: [ENG217H5](#), [ENG218H5](#), [ENG234H5](#), [ENG235H5](#), [ENG236H5](#), [ENG237H5](#), [ENG238H5](#), [ENG239H5](#), [ENG261H5](#), [ENG263H5](#), [ENG276H5](#), [ENG277H5](#), [ENG279H5](#), [ENG289H5](#), [ENG291H5](#), [ENG319H5](#), [ENG328H5](#), [ENG344H5](#), [ENG373H5](#), [ENG374H5](#), [ENG381H5](#), [ENG410H5](#). [ENG100H5](#) may not be counted towards program requirements. No course may be counted towards the program requirements of more than one of the 6 areas below. The major also requires the following courses:

- [ENG280H5](#) Critical Approaches to Literature
- [ENG202H5](#) and [ENG203H5](#), British Literature survey parts I and II
- 3.0 credits distributed among the following areas, as follows:
  - At least 0.5 credits in Literary Theory/Methods: [ENG101H5](#), [ENG201Y5](#), [ENG204H5](#), [ENG205H5](#), [ENG206H5](#), [ENG259H5](#), [ENG269H5](#), [ENG275H5](#), [ENG344H5](#), [ENG372H5](#), [ENG380H5](#), [ENG382Y5](#), [ENG384H5](#), [ENG396H5](#), [ENG400H5](#), [ENG414H5](#), [ENG415H5](#), [ENG416H5](#).
  - At least 0.5 credits in Race, Ethnicity, Diaspora, Indigeneity: [ENG271H5](#), [ENG272H5](#), [ENG273H5](#), [ENG274H5](#), [ENG309H5](#), [ENG310H5](#), [ENG317H5](#), [ENG326H5](#), [ENG334H5](#), [ENG343H5](#), [ENG346H5](#), [ENG351H5](#), [ENG355H5](#), [ENG356H5](#), [ENG358H5](#), [ENG359H5](#), [ENG367H5](#), [ENG368H5](#), [ENG369H5](#), [ENG370H5](#), [ENG371H5](#), [ENG426H5](#), [ENG434H5](#).
  - At least 0.5 credits in Literature pre-1700: [ENG220Y5](#), [ENG223H5](#), [ENG300Y5](#), [ENG301H5](#), [ENG303H5](#), [ENG304H5](#), [ENG307H5](#), [ENG311H5](#), [ENG312H5](#), [ENG313H5](#), [ENG320H5](#), [ENG321H5](#), [ENG326H5](#), [ENG327H5](#), [ENG330H5](#), [ENG331H5](#), [ENG335H5](#), [ENG336H5](#), [ENG339H5](#), [ENG460H5](#), [ENG461H5](#), [ENG462H5](#).
  - At least 0.5 credits in Literature 1700-1900: [ENG305H5](#), [ENG306Y5](#), [ENG308Y5](#), [ENG314H5](#), [ENG315H5](#), [ENG318H5](#), [ENG322Y5](#), [ENG323H5](#), [ENG324Y5](#), [ENG325H5](#), [ENG332H5](#), [ENG337H5](#), [ENG338H5](#), [ENG345H5](#), [ENG383H5](#), [ENG385H5](#), [ENG386H5](#), [ENG387H5](#), [ENG395H5](#), [ENG463H5](#), [ENG470H5](#), [ENG471H5](#).
  - At least 0.5 credits in Canadian Literature: [ENG215H5](#), [ENG252Y5](#), [ENG255H5](#), [ENG271H5](#), [ENG346H5](#), [ENG352H5](#), [ENG353Y5](#), [ENG354Y5](#), [ENG357H5](#), [ENG358H5](#), [ENG361H5](#), [ENG362H5](#), [ENG392H5](#), [ENG393H5](#), [ENG424H5](#), [ENG425H5](#).
  - At least 0.5 credits in American Literature: [ENG250Y5](#), [ENG251H5](#), [ENG347H5](#), [ENG351H5](#), [ENG360H5](#), [ENG363Y5](#), [ENG364Y5](#), [ENG365H5](#), [ENG366H5](#), [ENG367H5](#), [ENG368H5](#), [ENG379H5](#), [ENG394H5](#), [ENG395H5](#), [ENG435H5](#), [ENG436H5](#).

### Rationale:

Course updates.

## English - Specialist (Arts)

### Completion Requirements:

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: [ENG217H5](#), [ENG218H5](#), [ENG234H5](#), [ENG235H5](#), [ENG236H5](#), [ENG237H5](#), [ENG238H5](#), [ENG239H5](#), [ENG261H5](#), [ENG263H5](#), [ENG276H5](#), [ENG277H5](#), [ENG279H5](#), [ENG289H5](#), [ENG291H5](#), [ENG319H5](#), [ENG328H5](#), [ENG344H5](#), [ENG373H5](#), [ENG374H5](#), [ENG381H5](#), [ENG410](#). [ENG100H5](#) may not be counted towards program requirements. No course may be counted towards the program requirements of more than one of the 6 areas below. The specialist also requires the following courses:

- [ENG280H5](#) Critical Approaches to Literature
- [ENG202H5](#) and [ENG203H5](#), British Literature survey parts I and II
- 6.0 credits distributed among the following areas, as follows:
  - At least 1.0 credit in Literary Theory/Methods: [ENG101H5](#), [ENG201Y5](#), [ENG204H5](#), [ENG205H5](#), [ENG206H5](#), [ENG259H5](#), [ENG269H5](#), [ENG275H5](#), [ENG344H5](#), [ENG372H5](#), [ENG380H5](#), [ENG382Y5](#), [ENG384H5](#), [ENG396H5](#), [ENG400H5](#), [ENG414H5](#), [ENG415H5](#), [ENG416H5](#).
  - At least 1.0 credit in Race, Ethnicity, Diaspora, Indigeneity: [ENG271H5](#), [ENG272H5](#), [ENG273H5](#), [ENG274H5](#), [ENG309H5](#), [ENG310H5](#), [ENG317H5](#), [ENG326H5](#), [ENG334H5](#), [ENG343H5](#), [ENG346H5](#), [ENG351H5](#), [ENG355H5](#),

ENG356H5, ENG358H5, ENG359H5, ENG367H5, ENG368H5, ENG369H5, ENG370H5, ENG371H5, ENG426H5, ENG434H5.

- At least 1.5 credits in Literature pre-1700: ENG220Y5, ENG223H5, ENG300Y5, ENG301H5, ENG303H5, ENG304H5, ENG307H5, ENG311H5, ENG312H5, ENG313H5, ENG320H5, ENG321H5, ENG322H5, ENG326H5, ENG327H5, ENG330H5, ENG331H5, ENG335H5, ENG336H5, ENG339H5, ENG460H5, ENG461H5, ENG462H5.
- At least 1.5 credits in Literature 1700-1900: ENG305H5, ENG306Y5, ENG308Y5, ENG314H5, ENG315H5, ENG318H5, ENG322Y5, ENG323H5, ENG324Y5, ENG325H5, ENG332H5, ENG337H5, ENG338H5, ENG345H5, ENG383H5, ENG385H5, ENG386H5, ENG387H5, ENG395H5, ENG463H5, ENG470H5, ENG471H5.
- At least 0.5 credits in Canadian Literature: ENG215H5, ENG252Y5, ENG255H5, ENG271H5, ENG346H5, ENG352H5, ENG353Y5, ENG354Y5, ENG357H5, ENG358H5, ENG361H5, ENG362H5, ENG392H5, ENG393H5, ENG424H5, ENG425H5.
- At least 0.5 credits in American Literature: ENG250Y5, ENG251H5, ENG347H5, ENG351H5, ENG360H5, ENG363Y5, ENG364Y5, ENG365H5, ENG366H5, ENG367H5, ENG368H5, ENG379H5, ENG394H5, ENG395H5, ENG435H5, ENG436H5.

**Rationale:**

Course updates.

## Historical Studies (UTM), Department of

### 4 Course Modifications:

#### RLG203H5: Introduction to Christianity

**Description:**

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}~~

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Online

**Rationale:**

This course is not dual delivery, but delivered in different modes throughout the year. See OBD Proposal submission for additional details.

#### RLG312Y5: How to Study Religion

**New Course Code:**

RLG312H5

**Contact Hours:**

**Previous: Lecture:** 48

**New: Lecture:** 24

**Description:**

What is religion? How should we study it? This course gives students the opportunity to ask the big, messy questions about religion, and to see how scholars know what they know about it. Students will learn key theoretical ideas and research methods, and then apply them in their own projects. ~~{Required of specialists and majors}~~

**Exclusions:**

**Previous:**

**New:** RLG312Y5

**Rationale:**

In 2017, the History of Religions program proposed to change the required method and theory course (RLG 312H5: How to Study Religion) from an H (0.5 FCE) to Y (1.0 FCE) course. The intention had been for the course to serve as a cohort-building, year-long course for the specialists and majors in the program; however, the program has not observed a pedagogical benefit in requiring students to take this course as a year-long course (1.0 FCE).

## WGS101H5: Introduction to Women and Gender Studies

**Description:**

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}~~

**Exclusions:**

**Previous:** WGS160Y1 or WSTA01H3 or WSTA03H3. May not be taken with or after WGS200Y5.

**New:** WGS160Y5 or WSTA01H3 or WSTA03H3.

**Rationale:**

The WGS200Y5 is taught as a theory course and therefore the content does not overlap with the WGS101H5.

## WGS200Y5: Theories in Women, Gender, and Sexuality Studies

**Exclusions:**

**Previous:** ERI200Y5 or NEW160Y1 or WGS160Y1 or WSTA01H3 or WSTA03H3 or WGS260H1

**New:**

**Rationale:**

The ERI200Y5/NEW160Y1 courses no longer exist at UTSG. The WGS160Y1, WSTA01H3 and WSTA03H3 courses are not taught as a theory course and are not equivalent to the WGS200Y5. The WGS260H1 course should not be listed as equivalent since it is a half credit.

## 7 Minor Program Modifications:

### Diaspora and Transnational Studies - Major (Arts)

#### **Completion Requirements:**

7.0 credits, including at least 2.0 300/400-level credits. Students must successfully complete the equivalent of 7.0 credits, fulfilling ALL of the following requirements:

1. DTS201H5 and DTS202H5
2. 5.0 credits from the list of electives below
3. 1.0 400-level credits, of which 0.5 must be from the following list of St. George courses: DTS401H1, DTS402H1, DTS403H1, DTS404H1, DTS405H1, DTS406H1 (should be taken in the fourth year of study).

U of T Mississauga Courses

**Anthropology:** ANT209H5/ANT350H5/ANT352H5

**Cinema Studies:** CIN303H5

#### **Communication, Culture, Information & Technology:**

CCT200H5/CCT218H5/CCT275H5/CCT300H5/CCT320H5/CCT430H5

#### **English:**

ENG140Y5/ENG203Y5/ENG250Y5/ENG252Y5/ENG270Y5/ENG271H5/ENG272H5/ENG274H5/ENG370H5/ENG371H5/ENG382H5

#### **Geography:**

GGR207H5/GGR208H5/GGR210H5/GGR267H5/GGR269H5/GGR287H5/GGR313H5/GGR318H5/GGR325H5/GGR329H5/GGR333H5/GGR349H5/GGR353H5/GGR365H5/GGR381H5/GGR418H5/GGR420H5

#### **History:**

HIS203H5/HIS306H5/HIS312H5/~~HIS314H5~~/HIS318H5/HIS330H5/~~;~~/HIS338H5/~~HIS364H5~~/HIS366H5/HIS367H5/HIS369H5/HIS371H5/HIS384H5/HIS385H5/HIS388H5/HIS389H5/HIS390H5/HIS391H5/HIS393H5/~~HIS394H5~~/HIS396H5/~~HIS403H5/HIS416H5~~/HIS454H5/HIS479H5/~~HIS487H5/HIS492H5~~

#### **History of Religions:**

RLG207H5/RLG208H5/RLG209H5/RLG352H5/RLG356H5/RLG357H5/RLG361H5/RLG374H5/RLG445H5

**Language Studies:** FRE391H5/FRE397H5/~~ITA235H5~~ ~~ITA234H5~~/ITA238H5/~~ITA255H5~~/~~ITA256H5~~ ~~ITA255Y5~~

#### **Political Science:**

POL113H5/POL114H5/POL208Y5/POL218Y5/POL303Y5/POL310Y5/POL317Y5/POL320Y5/POL340Y5/POL343Y5/POL346Y5/POL355Y5/POL369Y5/POL446Y5

#### **Sociology:**

SOC236H5/SOC253H5/SOC263H5/SOC330H5/SOC332H5/SOC341H5/SOC349H5/SOC354H5/SOC375H5/SOC380H5/SOC417H5/SOC425H5/SOC432H5/SOC433H5/SOC457H5/SOC460H5

#### **Women and Gender Studies:**

WGS200Y5/WGS215H5/WGS250H5/WGS301H5/WGS335H5/WGS340H5/WGS350H5/WGS355H5/WGS368H5/WGS369Y5/WGS420H5/WGS430H5

**Arts & Science courses that can be applied to the program:** Please refer to <https://cdts.utoronto.ca/index.php/courses/>

Other substitutions will be considered on a case-by-case basis after the submission of the relevant syllabus.

**Rationale:**

Removing deleted courses from list of acceptable electives.

## Diaspora and Transnational Studies - Minor (Arts)

**Completion Requirements:**

4.0 credits, including at least 1.0 300/400-level credits. Students wishing to do a Diaspora and Transnational Studies Minor Program must successfully complete the equivalent of 4.0 credits, fulfilling ALL of the following requirements:

1. DTS201H5 and DTS202H5
2. 2.5 credits from the list of electives below
3. 0.5 400 level credit (should be taken in the fourth year of study)

U of T Mississauga Courses

**Anthropology:** ANT209H5/ANT350H5/ANT352H5

**Cinema Studies:** CIN303H5

**Communication, Culture, Information & Technology:**

CCT200H5/CCT218H5/CCT275H5/CCT300H5/CCT320H5/CCT430H5

**English:**

ENG140Y5/ENG203Y5/ENG250Y5/ENG252Y5/ENG270Y5/ENG271H5/ENG272H5/ENG274H5/ENG370H5/ENG371H5/ENG382H5

**Geography:**

GGR207H5/GGR208H5/GGR210H5/GGR267H5/GGR269H5/GGR287H5/GGR313H5/GGR318H5/GGR325H5/GGR329H5/GGR333H5/GGR349H5/GGR353H5/GGR365H5/GGR381H5/GGR418H5/GGR420H5

**History:**

HIS203H5/HIS306H5/HIS312H5/~~HIS314H5~~/HIS318H5/HIS330H5/~~HIS338H5~~/~~HIS364H5~~/HIS366H5/HIS367H5/HIS369H5/HIS371H5/HIS384H5/HIS385H5/HIS388H5/HIS389H5/HIS390H5/HIS391H5/HIS393H5/~~HIS394H5~~/HIS396H5/~~HIS403H5~~/~~HIS416H5~~/HIS454H5/HIS479H5/~~HIS487H5~~/~~HIS492H5~~

**History of Religions:**

RLG207H5/RLG208H5/RLG209H5/RLG352H5/RLG356H5/RLG357H5/RLG361H5/RLG374H5/RLG445H5

**Language Studies:** FRE391H5/FRE397H5/~~ITA235H5~~ ~~ITA234H5~~/ITA238H5/~~ITA255H5~~ ~~ITA256H5~~ ~~ITA255Y5~~

**Political Science:**

POL113H5/POL114H5/POL208Y5/POL218Y5/POL303Y5/POL310Y5/POL317Y5/POL320Y5/POL340Y5/POL343Y5/POL346Y5/POL355Y5/POL369Y5/POL446Y5

**Sociology:**

SOC236H5/SOC253H5/SOC263H5/SOC330H5/SOC332H5/SOC341H5/SOC349H5/SOC354H5/SOC375H5/SOC380H5/SOC417H5/SOC425H5/SOC432H5/SOC433H5/SOC457H5/SOC460H5

**Women and Gender Studies:**

WGS200Y5/WGS215H5/WGS250H5/WGS301H5/WGS335H5/WGS340H5/WGS350H5/WGS355H5/WGS368H5/WGS369Y5/WGS420H5/WGS430H5

**Arts & Science courses that can be applied to the program:** Please refer to <https://cdts.utoronto.ca/index.php/courses/>

Other substitutions will be considered on a case-by-case basis after the submission of the relevant syllabus.

**Rationale:**

Removing deleted courses from list of acceptable electives.

## History of Religions - Major (Arts)

**Completion Requirements:**

7.5 RLG credits are required.

**First Year:** 0.5 credit in RLG101H5. It is recommended that this course be taken in the first year.

**Higher Years:**

- 1.5 RLG credits at the 200-level
- RLG312H5 RLG312Y5 *How to Study Religion*
- 3.0 RLG credits at the 300+level
- 1.0 RLG credits at the 400-level
- 1.0 ~~0.5~~ additional RLG credit at any level

**NOTES:**

- Majors are permitted to substitute non-RLG course for up to 1.0 RLG credits. A list of courses suitable as substitutions is available in the Department of Historical Studies Handbook. Other substitutions will be considered on a case-by-case basis after the submission of the relevant syllabus.
- In the major program, language courses offered by the Department of Language Studies at U of T Mississauga and on the St. George campus relevant for a student's coursework in the History of Religions may be substituted for 300-level RLG credits. In this substitution, a language course of 1.0 credits corresponds to an RLG course of 1.0 credits at the 300 level only for a primary source language related to the student's coursework (Arabic, Persian, Latin, Greek, Hebrew, Avestan, Sanskrit, Hindi, Urdu, Chinese, etc.). Students are invited to contact the Academic Counsellor for further information.

**Rationale:**

Updating the program requirements to reflect the change to the RLG312Y5 to RLG312H5. Credit requirement will remain at 7.5.

## History of Religions - Specialist (Arts)

**Completion Requirements:**

10.0 RLG credits are required.

**First Year:** 0.5 credit2 in RLG101H5. It is recommended that this course be taken in the first year.

**Higher Years:**

- 2.0 RLG credits at the 200-level
- RLG312H5 RLG312Y5 *How to Study Religion*
- 3.5 RLG credits at the 300+level
- 1.0 RLG credits at the 400-level
- 0.5 RLG Independent Reading courses
- 2.0 ~~1.5~~ additional RLG credits at any level

**NOTES:**

- Specialists are permitted to substitute non-RLG courses for up to 1.0 RLG credits. A list of courses suitable as substitutions is available in the Department of Historical Studies Handbook. Other substitutions will be considered on a case-by-case basis after the submission of the relevant syllabus.
- In the specialist program, language courses offered by the Department of Language Studies at U of T Mississauga and on the St. George campus relevant for a student's coursework in the History of Religions may be substituted for 300-level RLG credits. In this substitution, a language course of 1.0 credits corresponds to an RLG course of 1.0 credits at the 300 level only for a primary source language related to the student's coursework (Arabic, Persian, Pahlavi, Latin, Greek, Hebrew, Avestan, Sanskrit, Pali, Hindi, Urdu, Chinese, etc.). Students are invited to contact the Academic Counsellor for further information.

- Students intending to pursue graduate studies are strongly encouraged to complete at least 1.0 language courses in consultation with the Academic Counsellor.

**Rationale:**

Updating the program requirements to reflect the change to the RLG312Y5 to RLG312H5. Credit requirement will remain at 10.0.

Latin American and Caribbean Studies - Minor (Arts)

**Completion Requirements:**

4.0 total credits, including 1.0 at the 300/400 level. While study of a relevant language is encouraged, the minor program does not have a language requirement.

**First Year:** 0.5 credit in HIS290H5. It is recommended that this course be taken in the first year.

**Higher Years:** Courses that can be counted toward this program are drawn from a range of offerings in the Humanities and Social Sciences at UTM. In order to complete the program, students will be required to take a total of 3.5 credits in at least two distinct disciplines selected from the list below:

- **Art History (FAH):** FAH356H5
- **History (HIS):** HIS290H5, HIS330H5, HIS390H5, HIS391H5, HIS454H5, HIS490H5,
- **Language Studies (FRE, FSL, SPA):** FRE282H5, FRE283H5, ~~FRE280Y5~~, FSL205Y5, SPA100Y5, SPA219H5, SPA319H5, ~~SPA219Y5~~, SPA220Y5, SPA235H5, SPA259H5, SPA275H5, SPA323H5.
- **Linguistics (LIN):** LIN366H5, LIN466H5
- **Political Science (POL):** POL438Y5
- **Sociology (SOC):** SOC253H5, SOC427H5

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:

- **Anthropology (ANT):** ANT310H5, ANT320H5
- **Diaspora and Transnational Studies (DTS):** DTS201H5
- **English (ENG):** ENG370H5, ENG435H5, ENG436H5
- **History (HIS):** HIS494H5
- **Language Studies (FRE, FSL, SPA):** FRE391H5
- **Political Science (POL):** POL112H5, POL113H5, POL114H5, POL200Y5, POL218Y5, POL320Y5, POL487H5
- **Visual Studies (VCC):** VCC306H5, VCC406H5
- **Women and Gender Studies (WGS):** WGS200Y5, WGS368H5, WGS369Y5, WGS350H5, WGS370H5, WGS450H5

**Rationale:**

Updating the list of acceptable courses being used towards the program requirements.

Women, Gender and Sexuality Studies - Major (Arts)

**Completion Requirements:**

7.0 credits are required.

**First Year:** WGS101H5

**Higher Years:**

- WGS200Y5
- 2.0 WGS credits at the 300+level
- 1.0 WGS credits at the 400-level
- 2.5 credits in WGS or from the list of electives below

**ELECTIVES:**

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

**Anthropology:** ANT211H5, ANT331H5, ANT335H5

**Classical Civilization:** CLA319H5

**Communication, Culture, Information & Technology:** CCT340H5

**Drama:** DRE366H5

**English:** ENG269H5, ENG275H5, ENG307H5, ENG318H5, ENG339H5, ENG368H5, ENG369H5

**Fine Art History:** FAH435H5

**French:** FRE391H5

**Geography:** GGR313H5

**History:** HIS255H5, HIS355H5, HIS308H5, HIS310H5, HIS314H5, HIS326H5, HIS326Y5, HIS374H5, HIS386H5, HIS441H5, HIS454H5

**History of Religions:** RLG314H5, RLG449H5, RLG462H5

**Italian:** ITA218H5, ITA392H5

**Linguistics:** JAL355H5

**Philosophy:** PHL243H5, PHL267H5, PHL367H5

**Political Science:** POL368Y5

**Psychology:** PSY317H5, PSY354H5

**Sociology:** SOC219H5, SOC275H5, SOC347H5, SOC352H5, SOC359H5, SOC362H5, SOC380H5, SOC413H5, SOC425H5

**Rationale:**

Updating the list of electives being used towards the program requirements.

Women, Gender and Sexuality Studies - Minor (Arts)

**Completion Requirements:**

4.0 credits are required.

**First Year:** WGS101H5

**Higher Years:**

- WGS200Y5
- 1.0 WGS credits at the 300+level
- 1.5 credits in WGS or from the list of electives below

**ELECTIVES:**

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

**Anthropology:** ANT211H5, ANT331H5, ANT335H5



**Classical Civilization:** CLA319H5

**Communication, Culture, Information & Technology:** CCT340H5

**Drama:** DRE366H5

**English:** ENG269H5, ENG275H5, ENG307H5, ENG318H5, ENG339H5, ENG368H5, ENG369H5

**Fine Art History:** FAH435H5

**French:** FRE391H5

**Geography:** GGR313H5

**History:** HIS255H5, HIS355H5, HIS308H5, HIS310H5, ~~HIS314H5~~, ~~HIS326H5~~ ~~HIS326Y5~~, HIS374H5, HIS386H5, HIS441H5, HIS454H5

**History of Religions:** RLG314H5, RLG449H5, RLG462H5

**Italian:** ITA218H5, ITA392H5

**Linguistics:** JAL355H5

**Philosophy:** PHL243H5, PHL267H5, PHL367H5

**Political Science:** POL368Y5

**Psychology:** PSY317H5, PSY354H5

**Sociology:** SOC219H5, SOC275H5, SOC347H5, SOC352H5, SOC359H5, SOC362H5, SOC380H5, SOC413H5, SOC425H5.

**Rationale:**

Updating the list of electives being used towards the program requirements.

## Language Studies (UTM), Department of

### 12 New Courses:

GLB201H5: Global Leadership: Past, Present, Futures

**Contact Hours:**

Lecture: 14 / Tutorial: 24

**Description:**

The evolution and exercise of leadership is examined in the context of globalization. Terminology, case studies, and practical examples are used to consider questions such as: Why did globalization become a dominant frame? How have narratives of globalization changed over time? How does late 20th century globalization differ from earlier processes of colonization? What are expectations going forward? The assumed scale of globalization and how it manifests differently in various geographies, societies, and contexts is assessed. Students reflect on the uneven experiences of globalization in their own lives, communities, and worlds they observe and pass through. Students challenge ideas of how good leadership is conceived, the dynamics that are assumed (e.g., leaders and followers), and who/what might be left out (e.g., gender, race, class), today and in the future.

**Prerequisites:**

Completion of 4.0 credits.

**Rationale:**

This course serves as an introduction to students who are new to the Minor, as the first of three core courses. Topics and activities will allow them to explore and interrogate globalization and understandings of leadership across time, context and lenses.

This 200-level course feeds into this Minor and remote delivery will provide students in divisions across UofT the unique opportunity to build connections across all 3 campuses, which in itself contributes to the ideology of a “Global classroom”, one of the cornerstones of the GLB Leadership Minor. Both online synchronous/asynchronous platform coupled with required pre-term co-curricular in-person activities provides students with this unique learning experience.

See OBD proposal for additional details.

**Resources:**

See Resource Implications Form.

ITA256H5: Italian-Canadian Studies: Literature, Theatre, Cinema

**Contact Hours:**

Lecture: 24

**Description:**

(Offered in English) A portrait of Italian immigration through artistic expression in the works of, for example, De Cicco, De Michele, Patriarca, Ricci, and others, to highlight the voices that helped to establish/shape Italian-Canadian Studies. Students will have the opportunity to interact with writers, directors, and artists from the Italian-Canadian community.

**Prerequisites:**

Open to all students. If enrolled in an Italian Minor, Major or Specialist program: ITA100Y5.

**Exclusions:**

ITA255Y5

**Rationale:**

Divided course content of ITA255Y5 into two half courses (ITA255H5 and ITA256H5) to provide greater scheduling flexibility and to more intently centre the focus in this course on the content covered.

**Resources:**

Resource implication form submitted for review.

ITA395H5: Topics in Italian Studies

**Contact Hours:**

Lecture: 24

**Description:**

(Offered in English) Students will develop a deeper and more nuanced understanding of key theories and practices as they relate to the central topics investigated in the course. The course may have a historic, literary, cinematic, cultural, or other focus. Students should contact the Department for the topic when course is offered. Texts will be available in Italian and English.

**Prerequisites:**

ITA200Y5 or ITA201Y5 or permission from the department

**Rationale:**

This course offers flexibility for students and instructors alike. Additionally, it examines subject matter not covered extensively in other courses, but that are nonetheless important to the current field of study; specifically, those that align with the priorities and mission of the university (e.g. Diaspora Studies, Diversity and Decolonization in Italian Studies, Experiential Education, Women and Gender Studies).

**Learning Objectives:**

- Assess the impact of how the origins of Italy's cultural history intersect with other Italian cultural components such as political, socio-economics, economics, migration, gender, and self-expression.
- Determine the interdisciplinary interpretations of Italy's most famous authors and their literary works.
- Deconstruct students' current cultural views and identify their historical, political, social, and cultural origins through an intersectional perspective

**Resources:**

Resource implication Form submitted.

**JLP315H5: Language Development****Contact Hours:**

Lecture: 36

**Description:**

By three years of age, children have mastered many of the complexities of human language. How do they do this so rapidly, and with such ease? In this course, you will examine language acquisition from a cognitive perspective. Topics include the acquisition of speech sounds, sentence structure, and conversational abilities, as well as patterns of development in special populations. You will also learn about childhood bilingualism and social aspects of language development. Hands-on experience analyzing recordings of children will be provided.

**Prerequisites:**

PSY201H5 (or equivalent) or (LIN288H5 or PSY274H5 or JLP285H5) and (PSY210H5 or PSY270H5 or PSY274H5) or (LIN101H5 and LIN102H5) or LIN200H5

**Exclusions:**

JLP315H1, PSY315H5

**Rationale:**

Linguistics and Psychology overlap significantly in the area of language development. As students in both Linguistics and Psychology manifest a strong interest in the topic of language development, this JLP course will allow them to take an interdisciplinary course, showcasing the main topics in this field. Courses with language development content are in high demand in both departments. This JLP course is replacing the already existing PSY315 (Language Development). Offering this course as JLP introduces an additional faculty member into the rotation to teach it (Emily Atkinson, LIN); were this not a JLP, Prof. Atkinson, a new hire in Linguistics, would propose a similar course in the Dept. of Language Studies. Additionally, this course is a complement to the suite of JLP courses that have already been proposed (JLP84, JLP388, & JLP481) and that will be proposed in this round of curriculum changes (also including: JLP285, JLP383, JLP483).

This JLP course will replace the current above mentioned PSY course, which will be deleted next year following approval of this JLP course. In the meantime, this course (JLP315) and the course that it is replacing will never be offered in the same year.

**Consultation:**

Extensive consultation has taken place with the curriculum committees in both departments who approve this addition.

**Resources:**

Resource Implication Form submitted.

**JLP383H5: Adult Language Processing**

**Contact Hours:**

Lecture: 36

**Description:**

Language is a key element in our social interactions, our ability to share information, and aspects of human culture. In this course you will engage in an advanced exploration of the cognitive machinery underlying language in adulthood. Key themes include: incremental interpretation and predictive processing; the relationship between language comprehension and production; and the nature of processing in bilinguals and speakers of less-studied languages. Practical activities address experimental methodology and aspects of data analysis.

**Prerequisites:**

PSY201H5 (or equivalent) or (LIN288H5 or PSY274H5 or JLP285H5) and (PSY270H5 or PSY274H5) or (PSY315H5 or JLP315H5) or (LIN328H5 or PSY384H5 or JLP384H5) or (LIN101H5 and LIN102H5 or LIN200H5)

**Exclusions:**

PSY374H5

**Rationale:**

Linguistics and Psychology overlap significantly in the area of language processing. As students in both Linguistics and Psychology manifest a strong interest in the topic of language processing, this JLP course will allow them to take an interdisciplinary course focusing on key topics in language processing and use in adulthood. This is the last piece in our planned set of four complementary 300-level JLP offerings (with the other three addressing language development in childhood, bilingualism, and speech perception and production). Courses with language processing content are in high demand in both departments. This JLP course is replacing the already existing PSY374 (Psycholinguistics). Offering this course as JLP introduces an additional faculty member into the rotation to teach it (Emily Atkinson, LIN); were this not a JLP, Prof. Atkinson, a new hire in Linguistics, would propose a similar course in the Dept. of Language Studies. Additionally, this course is a complement to the suite of JLP courses that have already been proposed (JLP384, JLP388, & JLP481) and that will be proposed in this round of curriculum changes (also including: JLP285, JLP315, JLP483).

This JLP course will replace the current above mentioned PSY course, which will be deleted next year following approval of this JLP course. In the meantime, this course (JLP383) and the course that it is replacing will never be offered in the same year.

**Resources:**

Resource Implication Form submitted.

**LIN240H5: Computer Programming for Linguists****Contact Hours:**

Lecture: 12 / Practical: 24

**Description:**

We live in a world of language technology – who can imagine life without search engines, translation software and automated captioning? At the same time, more and more linguists use computational methods in their research. For example, this methodology can allow us to find all the ways the adverb actually is actually used, or to generate all monosyllabic six-character words for a psycholinguistic experiment. At the heart of this is computer programming: giving precise instructions for your computer to carry out – repeatedly and accurately. This course introduces the basic components of computer programming in Python for linguists.

**Prerequisites:**

LIN101H5 or LIN102H5

**Exclusions:**

CSC108H5

**Rationale:**

Computational methods are increasingly used in the field of linguistics and the ability to write and understand software is an asset in the labour market. To reflect that, the Linguistics program at UTM offers two third-year courses introducing the application of computation to research questions in the field. A substantial part of this introduction is currently dedicated to the introduction of computer programming proper, leaving less space for the field-specific application of computational methods and introducing a set of learning outcomes (learning how to program) that are of a very introductory level for level-300 courses and would be better in a level-200 course where the different subfields are introduced.

Learning outcomes. By the end of this course, students will be able to:

- write simple procedural programs in Python that can be applied to text data
- explain software development topics like testing, design, and documentation
- explain how procedural programs are able to extract information from text data
- explain what the potential social impact of such applications can be

Due to the overlap in content, CSC108H5 should be an exclusion to LIN240H5.

**Resources:**

Resource Implication Form submitted.

### LIN299H5: Research Opportunity Program

**Contact Hours:**

**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 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.

**Rationale:**

We currently only offer our 200-level ROP course as a full year course. This new 299H course will provide both students and faculty more flexibility in the kinds of ROP courses in linguistics that we can offer. The learning outcomes remain the same as all ROP courses with specific learning outcomes being determined by the instructor, depending on the project.

**Resources:**

Resource Implication Form submitted.

### LIN374H5: African Linguistics

**Contact Hours:**

Lecture: 24 / Tutorial: 12

**Description:**

This course explores the linguistic features and characteristics of African languages. Attention will be given to the phonetic, phonological, morphological, and syntactic components of the languages to be studied, with emphasis on examining under-represented and under-studied languages. No prior knowledge of an African language is necessary.

**Prerequisites:**

LIN229H5 and (LIN231H5 or LIN232H5)

**Rationale:**

While approximately a third of world languages are spoken in Africa, and some linguistic features are almost entirely limited to the continent, African languages are significantly under-represented and under-studied in North American classrooms. We already offer courses based on genetic affiliation (Romance Linguistics, Chinese Linguistics) and sociohistorical factors (Contact Languages/Pidgins and Creoles), and with existing departmental expertise in African

Linguistics, we wish to expand our offerings to an areal course based on Africa. We intend for this course to be part of the Global Classrooms program, making use of connections that two of our permanent faculty have with universities in Kenya, Nigeria, Ghana, Togo, Benin, and Burkin

#### LIN399H5: Research Opportunity Program

**Description:**

This course provides senior undergraduate students who have developed some knowledge of research methods used in the discipline of Linguistics to work in the research project of a U of T Mississauga professor for course credit. Enrolled students have the 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 in mid-February; students are invited to apply at that time. See Experiential and International Opportunities for more details.

**Prerequisites:**

LIN101H5 and LIN102H5 and [1.0 credit from JAL253H5 or LIN228H5 or LIN229H5 or LIN231H5 or LIN232H5 or LIN237H5 or LIN256H5 or JLP285H5 (formerly LIN288H5)]

**Rationale:**

We already have a full-year ROP course (LIN399Y5) but both students and faculty have expressed how it would be useful to have the half-course version of it for projects that do not require two terms.

**Resources:**

Resource Implication Form submitted.

#### LTL100H5: Introduction to Language Teaching, Learning and Assessment

**Contact Hours:**

Lecture: 24 / Tutorial: 12

**Description:**

This course provides students with foundational knowledge and skills for the study of second language teaching, learning, and assessment. Students will learn to describe language structure and use including among learners, identify major phenomena of non-native language learning, and discuss principles and best practices in second language teaching and assessment.

**Rationale:**

This course will be the required foundational course for the new Major in Language Teaching and Learning to be proposed in Fall 2022. Among others, the following key Learning Outcomes for the new LTL Major will be introduced in this course:

- Identify and examine the central concepts related to language teaching, learning, and assessment.
- Identify and examine the central concepts related to the structural and expressive aspects of language.
- Connect foundational LTL, structural, and expressive concepts to the teaching, learning, and assessment of language.
- Identify and describe varied methods of teaching, learning, and assessing language.
- Evaluate the efficacy of different methodologies in engaging in teaching, learning, and assessing language in varied contexts.
- Gather, review, and critically evaluate themes in the literature as they relate to language teaching, learning, and assessment.
- Make informed judgments from major theories in LTL for which pedagogical practices relate to particular contexts.
- Communicate accurately and with clarity in spoken and written communication.

**Resources:**

Resource Implication Form submitted.

## LTL227H5: Teaching and Learning a Second/Foreign Language

### **Contact Hours:**

Lecture: 24 / Tutorial: 12

### **Description:**

This course provides an introduction to second language pedagogy. Students will learn key concepts in pedagogy and compare the teaching and learning processes and experiences of first and second language learners as well as the roles of classroom teachers and learners via the creation of linguistic portraits and pedagogical materials.

### **Prerequisites:**

LTL100H5

### **Exclusions:**

FRE225Y5 or FRE225Y5 or FRE227H5 or ITA227H5

### **Rationale:**

This course will be one of four required courses at the 200-level for the new Major in Language Teaching and Learning to be proposed in Fall, 2022. Among others, the following key Learning Outcomes for the new LTL Major will be introduced and/or developed in this course:

- Identify and examine the central concepts related to language teaching, learning, and assessment.
- Connect foundational LTL, structural, and expressive concepts to the teaching, learning, and assessment of language.
- Identify and describe varied methods of teaching, learning, and assessing language.
- Evaluate the efficacy of different methodologies in engaging in teaching, learning, and assessing language in varied contexts.
- Gather, review, and critically evaluate themes in the literature as they relate to language teaching, learning, and assessment.
- Make informed judgments from major theories in LTL for which pedagogical practices relate to particular contexts.
- Communicate accurately and with clarity in spoken and written communication.

### **Resources:**

Resource Implication Form submitted.

## LTL399H5: Research Opportunity Program

### **Description:**

This course provides senior undergraduate students who have developed some knowledge of research methods used in the discipline of Language Teaching and Learning to work in the research project of a U of T Mississauga professor for course credit. Enrolled students have the 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, fall, or winter sessions 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

### **Prerequisites:**

LTL100H5 and (LTL227H5 or EDS200H5 or EDS285H5)

### **Rationale:**

This course will help meet the need for an experiential learning component in the upper-years of the proposed new Major in Language Teaching and Learning. Among others, the following key Learning Outcomes for the new LTL Major will be developed or perfected in this course:

- Connect foundational LTL, structural, and expressive concepts to the teaching, learning, and assessment of language.
- Identify limits of own knowledge of LTL and of own ability to implement knowledge in practical contexts.
- Recognize "limits" of LTL knowledge and how this influences analysis/interpretation of practice.
- Exercise initiative, personal responsibility, and consideration of ethical issues in personal/group decision-making contexts.
- Identify how study of LTL relates to personal/professional development to guide continuing growth.

**Resources:**

Resource Implication Form submitted.

## 57 Course Modifications:

### CHI308H5: Introduction to Chinese Culture

**Title:**

**Previous:** Introduction to Chinese Culture

**New:** Chinese Cultural Studies Seminar

**Contact Hours:**

**Previous:** Lecture: 36

**New:** Lecture: 24 / Tutorial: 12

**Description:**

This seminar course provides a platform for critical discussion ~~brief overview~~ of what we call "Chinese culture". Students will consider ideas of invented traditions, the essentialization of Chinese culture, and questions about modern states and regions. ~~Topics may~~ ~~The topics~~ include Chinese civilization, customs, ~~traditions~~, rituals, religion, philosophy, ideology, morals, literature, folk art and craft, performance arts, martial arts, cuisine, medicine, etc. The discussions will draw from ~~may be either~~ historical and ~~or~~ contemporary topics. ~~[36L]~~

**Prerequisites:**

**Previous:** CHI201H5 and CHI202H5 or appropriate language level indicated by language assessment questionnaire ([www.utm.utoronto.ca / language-studies/chineselanguage-course-questionnaire](http://www.utm.utoronto.ca/language-studies/chineselanguage-course-questionnaire)).

**New:** CHI211H5 and CHI212H5

**Rationale:**

1) We'd like to change this introductory course to a seminar course which is more appropriate for a 300-level course. We've also added the essential question to reflect the focus of the course.

2) Teaching and learning methods were changed from [36L] to [24L, 12T] to reflect what is actually done in class.

3) Update prerequisites with current courses. We'd like to enforce the prerequisites of CHI211H5 & 212H5 without using the assessment questionnaire or the instructor's approval. This reduces the administrative load involved in course registration but maintains the desired bar for enrolment.

**Resources:**

No resource implications. The instructor will cover all contact hours.

### CHI310H5: Business Chinese

**Title:**

~~Business~~ Chinese for Career Development



**Description:**

**Previous:** This advanced project-based language course introduces practical uses of spoken and written Mandarin Chinese in business contexts. The course emphasizes critical thinking skills in reading and writing, and focuses on developing students' ability in writing argumentative essay and conducting oral presentation in formal settings. This course also prepares students for job applications through in-class workshops and follow-up activities and assignments. Prerequisite: CHI212H5, or adequate reading and writing knowledge in Chinese approved by the instructor. [ 24L, 12T ]

**New:** This course is designed for near-native or native speakers of Mandarin Chinese who are interested in advancing their careers in Chinese-speaking regions and in North America. Students will develop knowledge in career planning from cross-cultural perspectives, from job search, to applications and interview processes in Chinese-speaking regions of Asia and in North America. They will build a solid foundation for reading, writing, and speaking Chinese in a business setting.

**Prerequisites:**

**Previous:** CHI201Y5 or equivalent as indicated in the language assessment questionnaire.

**New:** CHI211H5 and CHI212H5

**Corequisites:**

**Previous:** CHI301Y5

**New:**

**Rationale:**

- 1) Change in title to reflect the amended description.
- 2) Change in description better illustrates the focus on students' career development from cross-cultural perspectives.
- 2) We'd like to enforce the prerequisites of CHI211H5 & 212H5 without using the assessment questionnaire or the instructor's approval. This reduces the administrative load involved in registration but maintains the desired bar for enrolment.

**Resources:**

No resource implications as a result of title and description change.

## CHI311H5: Classical Chinese Literature

**Contact Hours:**

**Previous:** Lecture: 36

**New:** Lecture: 24 / Tutorial: 12

**Description:**

This course will examine representative genres of traditional Chinese literature—poetry, prose, fiction, and drama—with an emphasis on language structure, ~~and~~ style, and the influence on modern Chinese society and culture. We will also analyze ~~typical masterworks and discuss~~ the aesthetic features ~~intertextuality between these genres, as well as~~ ~~some~~ of classics and discuss the influences ~~major features~~ of traditional Chinese society on literature in terms of religion, philosophy, the imperial system, gender ~~relations, ethnicity~~, family, and ethnicity ~~romance~~.

**Prerequisites:**

**Previous:** (CHI211H5 and CHI212H5) or adequate reading and writing knowledge in Chinese approved by the instructor.

**New:** CHI211H5 and CHI212H5

**Rationale:**

- 1) To increase more depth to the course. We'd like to include the influence of classical Chinese literature on modern Chinese society and culture.

- 2) Teaching and learning methods were changed from [36L] to [24L, 12T] to reflect what is done in class.
- 3) Update prerequisites. We'd like to enforce the prerequisites of CHI211H5 & 212H5 without using the assessment questionnaire or the instructor's approval. This reduces the administrative load involved in registration but maintains the desired bar for enrolment.

**Resources:**

No resource implications. The instructor will cover all contact hours.

### CHI312H5: Chinese Diaspora Literature and Culture

**Contact Hours:**

**Previous:** Lecture: 36

**New:** Lecture: 24 / Tutorial: 12

**Description:**

**Previous:** This course emphasizes the analytical reading of publications in Chinese literature and culture by diaspora Chinese authors. We will focus on issues such as the pursuit of harmony in the co-existence of multiple cultures, and how overseas Chinese writers deal with and understand the dissemination of Chinese culture and its interaction with other cultures.

**New:** This course examines literary and cinematic works as well as visual art by authors of the Chinese diaspora. The course covers topics such as multiculturalism, racism, cultural preservation, invented traditions, and agency through the lens of overseas Chinese writers and creators.

**Prerequisites:**

**Previous:** (CHI211H5 and CHI212H5) or adequate reading and writing knowledge in Chinese approved by the instructor.

**New:** CHI211H5 and CHI212H5

**Exclusions:**

LGGC62H3 or LGGC63H3 ~~LGGC63H~~

**Rationale:**

- 1) Description change: To increase the breadth and depth of the course. We'd like to include cinematic works as well as visual art by authors of the Chinese diaspora, with a special focus on topics such as multiculturalism, racism, cultural preservation, invented traditions, and agency.
- 2) Teaching and learning methods were changed from [36L] to [24L, 12T] to reflect what is done in class.
- 3) Enforce the prerequisites of CHI211 & 212 without using the assessment questionnaire or instructor's approval. This reduces the administrative load involved in registration but maintains the desired bar for enrolment.

**Consultation:**

**Resources:**

No resource implication associated with the change in contact hours. Instructor will continue to teach all contact hours.

### CHI313H5: The Wisdom of Life in Traditional Chinese Culture

**Contact Hours:**

**Previous:** Lecture: 36

**New:** Lecture: 24 / Tutorial: 12

**Description:**

This course explores different thought systems, ideas and the wisdom of human life rooted in traditional Chinese culture from the following two approaches: a theoretical discussion of the purpose, meaning, and value of human life, ideals and ways of life, existential questions and multiple solutions; and a historical as well as critical examination of the

conventional wisdom originated by Chinese cultural figures like Laozi, Confucius, Mencius, Sima Qian, Zhu Xi, Qian Mu, Qian Zhongshu and more. The goal of the course is to facilitate student consideration of the essence of human life and the understanding of contemporary Chinese views by ascertaining traditional Chinese erudition. **Through the examination of traditional Chinese scholarship, students will develop an understanding of the connection between such teachings and contemporary Chinese views.**

**Prerequisites:**

**Previous:** (CHI211H5 and CHI212H5) or adequate reading and writing knowledge in Chinese approved by the instructor.

**New:** CHI211H5 and CHI212H5

**Rationale:**

- 1) Course description change provides a clearer learning goal for this course.
- 2) Teaching and learning methods were changed from [36L] to [24L, 12T] to reflect what is done class.
- 3) We'd like to enforce the prerequisites of CHI211H5 and CHI212H5 without using the assessment questionnaire or instructor's approval. This reduces the administrative load involved in registration but maintains the desired bar for enrolment.

**Resources:**

No Resource implications. All course contact hours will continue to be taught by instructor.

CHI314H5: Chinese Culture through Media

**Contact Hours:**

**Previous:** Lecture: 24 / Practical: 12

**New:** Lecture: 24 / Tutorial: 12

**Prerequisites:**

**Previous:** CHI211H5 and CHI212H5 or appropriate language level as indicated in the language assessment questionnaire.

**New:** CHI211H5 and CHI212H5

**Rationale:**

- 1) Teaching and learning methods were changed from [24L, 12P] to [24L, 12T] to reflect what is done in class.
- 2) We'd like to enforce the prerequisites of CHI211H5 and CHI212H5 without using the assessment questionnaire or instructor's approval. This reduces the administrative load involved in registration but maintains the desired bar for enrolment.

**Resources:**

No resource implications. All contact hours will be taught by the instructor.

CHI408H5: Reading Confucianism in Modern Chinese

**Contact Hours:**

**Previous:** Lecture: 36

**New:** Lecture: 24 / Tutorial: 12

**Description:**

This advanced level course covers **seminal** ~~the~~ readings on Confucianism **written** in modern Chinese language. The course examines Confucian doctrines and the development of Confucianism from ancient time to the contemporary era. Critical reading and essay writing skills will be **emphasized stressed**. ~~[36L]~~

**Prerequisites:**

**Previous:** (CHI301Y5 or CHI301H5) and CHI302H5 or adequate reading knowledge of Chinese as determined by department assessment questionnaire.

**New:** CHI211H5 and CHI212H5

**Rationale:**

- 1) We've made editorial changes so that the description is clearer.
- 2) Teaching and learning methods were changed from [36L] to [24L, 12T] to reflect what is done in class.
- 3) Updated prerequisites (CHI301 was previously deleted) with current courses. We'd like to enforce the prerequisites of CHI211H5 and CHI212H5 without using the assessment questionnaire or the instructor's approval. This reduces the administrative load involved in registration but maintains the desired bar for enrolment.

**Resources:**

No resource implications. The instructor will teach/cover all contact hours in the course.

## CHI409H5: Influence of Confucianism on Chinese Culture

**Contact Hours:**

**Previous:** Lecture: 36

**New:** Lecture: 24 / Tutorial: 12

**Description:**

This advanced level course discusses the cultural influence of Confucianism on Chinese writing, philosophy, religion, education, literature, customs, ethics, society and so forth. The readings covered in this course are mainly in modern Chinese language. Critical reading and essay writing skills will be stressed. ~~[36L]~~

**Prerequisites:**

**Previous:** (CHI301Y5 or CHI301H5) and CHI302H5 or adequate reading knowledge of Chinese as determined by department assessment questionnaire.

**New:** CHI211H5 and CHI212H5

**Rationale:**

- 1) Teaching and learning methods were changed from [36L] to [24L, 12T] to reflect what we do in class.
- 2) Updated prerequisites (CHI301 was previously deleted) with current courses. We'd like to enforce the prerequisites of CHI211 & 212 without using the assessment questionnaire or instructor's approval. This reduces the administrative load involved in registration but maintains the desired bar for enrolment.

**Resources:**

No resource implications. The instructor will teach/cover all contact hours.

## CHI410H5: Modern Chinese Literature Studies

**Contact Hours:**

**Previous: Seminar:** 36

**New: Lecture:** 24 / **Tutorial:** 12

**Description:**

This seminar course offers a critical examination of modern Chinese literature. different literary genres and writers from modern Chinese literature. The primary focus will be on representative works of poetry, prose, drama, and fiction of the

**modern era.** Discussions will emphasize historical, cultural, and social-political contexts. **Emphasis will be placed on building writing skills in Key techniques of literary criticism and analyzing, analysis of literary devices and themes.**

**Prerequisites:**

**Previous:** (CHI211H5 and CHI212H5) or adequate reading and writing knowledge in Chinese approved by the instructor.

**New:** CHI211H5 and CHI212H5

**Rationale:**

- 1) We've made editorial changes so that the description is clearer.
- 2) Teaching and learning methods were changed from [36L] to [24L, 12T] to reflect what we do in class.
- 3) We'd like to enforce the prerequisites of CHI211 & 212 without using the assessment questionnaire or the instructor's approval. This reduces the administrative load involved in registration but maintains the desired bar for enrolment.

**Resources:**

No resource implications. The instructor will cover/teach all contact hours.

### CHI411H5: Theory and Practice in English/Chinese Translation

**Description:**

This course is an introduction to the major theories, methods and techniques involved in translating from English into Chinese. The course focuses on practical training for novice translators. Through practice, students will familiarize themselves with the translation process and develop a variety of translation skills and strategies. Students will discuss and reflect upon issues encountered during translation and develop decision-making ability to deal with translation challenges. This course provides a solid foundation for students to continue their studies in translation at the advanced level.

**All students who have not completed the listed prerequisite are REQUIRED to complete the Chinese Language Assessment Questionnaire ([https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires)) by no later than August 29th.**

**Prerequisites:**

**Previous:** CHI212H5, or adequate reading and writing knowledge in Chinese approved by the instructor. All students who have not completed the listed prerequisite are REQUIRED to complete the Chinese Language Assessment Questionnaire ([https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires)).

**New:** CHI211H5 and CHI212H5

**Rationale:**

We'd like to enforce the prerequisites of CHI211 & 212 without using the assessment questionnaire or the instructor's approval. This reduces the administrative load involved in registration but maintains the desired bar for enrolment.

**Resources:**

No resource implications.

### FRE399Y5: Research Opportunity Program

**Description:**

This course provides senior undergraduate students who have developed some knowledge of research methods used in the discipline of French studies to work in the research project of a U of T Mississauga professor for course credit. Enrolled students have the 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 in mid-February and students are invited to apply at that time. See Experiential and International Opportunities-~~Opportunities~~ for more details.

**Rationale:**

University-based course experience - independent research project under supervision of a UTM faculty member.

**Resources:**

None.

ITA201Y5: Beginner - Intermediate Italian

**Title:**

Beginner - Intermediate Italian (Offered in Florence, Italy)

**Prerequisites:**

ITA100Y5 ~~or ITA101Y5~~ or permission of the department. ~~program coordinator of Italian.~~

**Rationale:**

Updated prerequisite (removed deleted course). The title clearly reflects that this course is offered at an international location.

ITA218H5: Writings on Love and Sex (Medieval to Early Italian Renaissance)

**Description:**

(Offered in English) An exploration of literary representations of love and sex in Medieval and Renaissance Italy. Writers studied include Dante Alighieri, Francesco Petrarca, Giovanni Boccaccio. Texts will be available in Italian and English.

**Prerequisites:**

Open to all ~~None; ITA100Y5 or ITA101Y5 required for~~ students. If enrolled in an Italian Minor, ~~ITA~~ Major or Specialist program ~~only, ITA100Y5 or permission of the department. as some written work will be submitted in Italian.~~

**Rationale:**

Changes to language of instruction.

Previously: "Offered in English/Italian" => new: "Offered in English"

Rationale: Changes to language of instruction to accurately reflect how the course is actually taught. For example, some courses may enrol students who only have one year of Italian (ITA100Y5) and more advanced Italian speakers. Learners engage with the language differently, through their course work and assigned readings.

Prerequisite change: "None" => "Open to all students."

**Resources:**

No resource implications.

ITA221H5: Major Authors (20th Century Italy)

**Title:**

Italian ~~Major~~ Authors (20th Century Italy)

**Description:**

(Offered in **English**) An introduction to 20th-century Italian literature. Writers studied include Italo Calvino, Dacia Maraini, Elsa Morante, and Alberto Moravia. Texts will be available in Italian and English.

**Prerequisites:**

**Previous:** ITA100Y5 or ITA101Y5 or Grade 12 Italian or equivalent.

**New:** Open to all students. If enrolled in an Italian Minor, Major or Specialist program: ITA100Y5 or permission of department

**Rationale:**

Changes to language of instruction.

Previously: "Offered in English/Italian" => new: "Offered in English"

Rationale: Changes to language of instruction to accurately reflect how the course is actually taught. For example, some courses may enrol students who only have one year of Italian (ITA100Y5) and more advanced Italian speakers. Learners engage with the language differently, through their course work and assigned readings.

Prerequisite change: "None" => "Open to all students."

**Consultation:**

**Resources:**

No resource implications.

ITA222H5: Major Authors (Late 20th to 21st Century Italy)

**Title:**

**Italian Major** Authors(Late 20th to 21st Century Italy)

**Description:**

(**Taught bilingually: English and Offered in** Italian)- A study of late 20th- to 21st-century Italian literature. Writers studied include Niccolò Ammaniti, Andrea Camilleri, Elena Ferrante, and Margaret Mazzantini.

**Prerequisites:**

**Previous:** ITA100Y5 or ITA101Y5 or Grade 12 Italian or equivalent

**New:** ITA100Y5 or permission of department.

**Rationale:**

Changes to language of instruction. Previously: "Offered in English/Italian" => new: "Taught bilingually: English and Italian".

Provide clearer wording regarding the language of instruction. A course is taught bilingually to accommodate the varying language levels often present in a course, at the same time. For example, some courses may enrol students who only have one year of Italian (ITA100Y5) and more advanced Italian speakers. Learners engage with the language differently, through their course work (completed in English or Italian) and assigned readings (in translation or solely in Italian).

Updated prerequisites to remove deleted course (ITA101Y5).

**Resources:**

No resource implications.

ITA227H5: Multilingual Language Acquisition

**Title:**

**Teaching and Learning a Second / Foreign Multilingual** Language **Acquisition**

**Contact Hours:**

**Previous:** Lecture: 24

**New:** Lecture: 24 / Tutorial: 12

**Description:**

(Offered in English) This course provides an introduction to second language pedagogy with **An introductory look into how we learn** a particular focus on Italian. Students will learn key concepts in pedagogy and compare the teaching and learning processes and experiences of first and second language learners as well as the roles of classroom teachers and learners via the creation of linguistic portraits and pedagogical materials **/or multiple languages.**

**Exclusions:**

~~LTL225Y5~~ or FRE225Y5 or FRE227H5 or LTL227H5

**Rationale:**

These changes bring ITA227H5 in line with the practices in FRE227H5 and LTL227H5.

**Resources:**

Resource Implication Form submitted for review.

## ITA231H5: Major Authors (Medieval to Renaissance Italy)

**Title:**

Italian ~~Major~~ Authors(Medieval to Renaissance Italy)

**Description:**

(Offered in English) A **survey study** of **foundational major Italian** authors, such as Dante, Petrarca, Boccaccio, Machiavelli, Tasso, Ariosto, Guicciardini, and their works, from the Medieval Period to the Renaissance. Texts will be available in Italian and English.

**Prerequisites:****Previous:**

**New:** ITA100Y5 or permission of department.

**Corequisites:**

**Previous:** ITA200Y5 or ITA201Y5

**New:**

**Rationale:**

Changes to language of instruction.

Previously: "Offered in English/Italian" => new: "Offered in English"

Rationale: Changes to language of instruction to accurately reflect how the course is actually taught. For example, some courses may enrol students who only have one year of Italian (ITA100Y5) and more advanced Italian speakers. Learners engage with the language differently, through their course work and assigned readings.

Prerequisite change: "None" => "Open to all students."

In literature courses, corequisites were removed because core texts are studied in translation (to accommodate those students who only have first year of Italian as preparation). The description now includes details of some of the "foundational" authors covered in the course.



**Resources:**

No resource implications.

## ITA232H5: Major Authors (Baroque to Present Italy)

**Title:**

Italian ~~Major~~ Authors (Baroque to Present Italy)

**Description:**

(Offered in English) A ~~survey study~~ of ~~foundation major Italian~~ authors, such as Manzoni, Marino, Goldoni, Alfieri, Eco, Ginzburg, Levi, Ferrante, and their works, from the Baroque to present times. Texts will be available in Italian and English.

**Prerequisites:****Previous:**

**New:** ITA100Y5 or permission of department

**Corequisites:**

**Previous:** ITA200Y5 or ITA201Y5

**New:**

**Rationale:**

Changes to language of instruction.

Previously: "Offered in English/Italian" => new: "Offered in English"

Rationale: Changes to language of instruction to accurately reflect how the course is actually taught. For example, some courses may enrol students who only have one year of Italian (ITA100Y5) and more advanced Italian speakers. Learners engage with the language differently, through their course work and assigned readings.

Prerequisite change: "None" => "Open to all students."

In literature courses, corequisites were removed because core texts are studied in translation (to accommodate those students who only have first year of Italian as preparation). The description now includes details of some of the "foundational" authors covered in the course.

**Resources:**

No resource implications.

## ITA233H5: Made in Italy: Italian Fashion, from the Theatre to the Runway

**Title:**

**Previous:** Made in Italy: Italian Fashion, from the Theatre to the Runway

**New:** Italian Culture through Fashion

**Description:**

(Offered in English) An ~~exploration~~ ~~This course explores the transformation~~ of Italian fashion, throughout the centuries. ~~The course will examine the history of fashion in Italian theatre and literature,~~ its presence in Italian literature (e.g. Dante, Castiglione, Leopardi), politics (e.g. Medici dynasty, fascism), movies (e.g. Roman Holiday, La dolce vita), ~~and~~ television, and the influence of ~~impact it has had on~~ the "Made ~~fashion industry,~~ in Italy" brand globally ~~Italy and abroad~~. In this course, students ~~Students~~ have the option of participating in ~~co- and extra-curricular learning experiences~~ ~~international field trips (to Italian fashion houses)~~. When ~~those travel experiences~~ are offered, additional costs and application processes ~~may~~ apply.

**Prerequisites:****Previous:****New:** Open to all students.**Exclusions:****Previous:** ITA103H5**New:****Rationale:**

It is important to state "Open to all students" as the course designator may confuse students who may assume that knowledge of the language would be required for those NOT pursuing a program in Italian. Updated title and description to provide a more accurate/succinct understanding of course content and to more clearly refer to the discipline

ITA235H5: Cucina Italiana: Italian History and Culture Through Food

**Title:**~~Cucina Italiana~~ : Italian ~~History and~~ Culture ~~through~~ ~~Through~~ Food**Description:**

(Offered in English) History through an examination ~~This course charts the regional diversity~~ of influential work in Italian literature (e.g. Artusi, Guerrini), art (e.g. Bellini, Caravaggio), ~~food and cinema examines various factors~~ (movements such as Neorealism ~~early settlers~~, Comedy ~~wars~~, Italian-Style ~~migratory trends~~) ~~that have shaped Italian culinary traditions~~. The course explores ~~Students will also have~~ the relationship between the representation of food and questions of identity and diaspora and ponders a redefinition of authenticity. Students ~~opportunity to~~ explore their own culinary patterns to discover links between history, food, culture, and identity ~~traditions~~. Students have the option of participating in local and international field trips (to restaurants, factories, farms). When travel experiences are offered, additional costs and application processes apply.

**Enrolment Limits:**

Open to all students.

**Mode of Delivery:****Previous:** In Class**New:** In Class**Rationale:**

Modified title to provide a more accurate/succinct understanding of course content and to more clearly refer to the discipline (i.e. with the addition of "Italian" to some course titles). Modified description to reflect course objectives and/or key questions analyzed and to be more succinct. Previously: Prerequisites "None" => new: Prerequisites: Open to all students. It is important to state "Open to all students" as the course designator may confuse students who may assume that knowledge of the language would be required.

ITA237H5: Italian Civilization (1815 to 1960)

**Title:**Italy, from ~~Italian Civilization~~ (1815 to 1960)**Description:**

(Offered in English) This course addresses ~~An overview of~~ key aspects of contemporary Italy by exploring the foundational events that shaped it ~~in Italian civilization, between 1815 to 1960~~, such as ~~through a selection of various written materials and media~~. Topics include Unification, World War I ~~Wars~~, World War II ~~religion~~, and the Economic Boom of ~~arts~~, the 1950s-60s. Investigative sources include short stories, novels, sociological ~~relationship between northern~~ and historical documents ~~southern Italy~~, and popular articles ~~others~~. In this course, students have the option of

participating in co- and extra-curricular learning experiences. When those are offered, additional costs and application processes may apply.

Texts will be available in Italian and English.

**Prerequisites:**

**Previous:** None; ITA100Y5 or ITA101Y5 required for students enrolled in an ITA Major or Specialist program only, as some written work will be submitted in Italian.

**New:** Open to all students. If enrolled in an Italian Minor, Major or Specialist program: ITA100Y5 or permission of department.

**Rationale:**

Modified title and description to provide a more accurate/succinct understanding of course content and to more clearly refer to the discipline.

Changes to language of instruction.

Previously: "Offered in English/Italian" => new: "Offered in English"

Rationale: Changes to language of instruction to accurately reflect how the course is actually taught. For example, some courses may enrol students who only have one year of Italian (ITA100Y5) and more advanced Italian speakers. Learners engage with the language differently, through their course work and assigned readings.

Prerequisite change: "None" => "Open to all students."

**Resources:**

No resource implications.

ITA242H5: Classics of Italian Cinema

**Title:**

**Previous:** Classics of Italian Cinema

**New:** Italian Award-Winners, Box-Office Hits

**Description:**

(Offered in English) A **study** ~~This course is a survey~~ of the most critically acclaimed and/or financially successful ~~films in~~ Italian ~~cinema, throughout the years. In addition to analyzing~~ films. ~~Students internally and externally, students will~~ also consider the differences and similarities in ~~audience~~ reception, depending on where (in Italy or abroad) ~~films are~~ released ~~audiences watched the releases~~. Films analyzed include ~~Bicycle Thieves, The Great Beauty, Life Is Beautiful, The Postman. In this course, students~~ ~~Students~~ have the option of participating in ~~co- local (film festivals) and extra-~~ curricular learning experiences ~~international field trips (studios, on-site locations)~~. When ~~those travel experiences~~ are offered, additional costs and application processes ~~may~~ apply.

**Prerequisites:**

~~None; ITA100Y5 or ITA101Y5 required for~~ ~~Open to all~~ students, ~~however, if~~ enrolled in an ITA ~~Italian Minor~~, Major or Specialist program ~~only, as some written work will be submitted in Italian. ITA100Y5 is required-~~

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class

**Rationale:**

Provide description and title that provides greater flexibility for instructors to cover for a varying range of films and celebrates the best in Italian cinema.

**Consultation:**

**Resources:**

No impact on existing resources.

## ITA247H5: Contemporary Italian Cinema II

**Title:**

Contemporary Italian Cinema II

**Description:**

(Offered in English) A ~~This course is a~~ study of Italian cinema and key themes that have emerged from the silver screen since ~~1980s to the 1980s~~ present. ~~Dramas, documentaries, comedies, and short films, from various directors (e.g. family matters Gianni Amelio, Nanni Moretti, Gabriele Salvatores, Giuseppe Tornatore, celebrity culture and others), will be analyzed. Prevalent themes include the crisis of cinema and the cinema of the crisis, identity and immigration, religion, Italians in the Holocaust, the Second World War, violence, crime, politics).~~ Films analyzed include Il divo, Habemus Papam, Mediterranea, Nuovo cinema paradiso, Reality, The Son's Room, Suburra, Videocracy. ~~[24L, 24T]~~

**Rationale:**

Prerequisites in 200-level ITA courses were modified to include a stronger language base - ITA100Y5, except in cases where the course is cross-listed with another discipline. It is important to state "Open to all students" as the course designator may confuse students who may assume that knowledge of the language would be required for those NOT pursuing a program in Italian.

## ITA255Y5: Italian Canadians

**New Course Code:**

ITA255H5

**Title:**

**Previous:** Italian Canadians

**New:** Italian-Canadian Studies : Historical and Socio-Linguistic Perspectives

**Contact Hours:**

**Previous: Lecture:** 48

**New: Lecture:** 24

**Description:**

(Offered in English) A ~~linguistically and historically defined~~ portrait of Italian immigration through ~~Diaspora Studies, history, a study of significant writings by and about migrants in literature and sociolinguistics.~~ Students will also explore the ~~journeys of their own communities~~ ~~theatre~~. Texts will be available in Italian and English.

**Prerequisites:**

Open to all ~~None; ITA100Y5 or ITA101Y5 required for~~ students. If enrolled in an Italian Minor, ~~ITA~~ Major or Specialist program: ITA100Y5 or permission ~~only, as some~~ of department.

~~their written work will be submitted in Italian.~~

**Exclusions:**

ITA233H1 or ITA255Y5 or ITA445H1

**Rationale:**

Divided course content of ITA255Y5 into two half courses (ITA255H5 and ITS256H5) to provide greater scheduling flexibility and to more intently centre the focus in this course on the content covered.

Changes to language of instruction.

Previously: "Offered in English/Italian" => new: "Offered in English"

Rationale: Changes to language of instruction to accurately reflect how the course is actually taught. For example, some courses may enrol students who only have one year of Italian (ITA100Y5) and more advanced Italian speakers. Learners engage with the language differently, through their course work and assigned readings.

Prerequisite change: "None" => "Open to all students."

**Resources:**

Resource Implication Form submitted for review.

ITA272H5: Italian Linguistics

**Description:**

(Offered in English) An introduction to Italian Linguistics through a study of modern Italian phonetics and phonology, morphology, syntax and semantics. Comparisons are also made between current trends in Italian linguistics and other languages with which students are familiar. Texts will be available in Italian and English.

**Prerequisites:**

**Previous:** None; ITA100Y5 or ITA101Y5 is required for students enrolled in an ITA Major or Specialist program only, as some of their written work will be submitted in Italian.

**New:** Open to all students. If enrolled in an Italian Minor, Major or Specialist program: ITA100Y5.

**Rationale:**

Changes to language of instruction.

Previously: "Offered in English/Italian" => new: "Offered in English"

Rationale: Changes to language of instruction to accurately reflect how the course is actually taught. For example, some courses may enrol students who only have one year of Italian (ITA100Y5) and more advanced Italian speakers. Learners engage with the language differently, through their course work and assigned readings.

Prerequisite change: "None" => "Open to all students."

As ITA101Y5 is set to be deleted (it has not been offered in at least the last 5 years)/no longer needs to be listed as a prerequisite, it was removed from any course that made reference to it.

**Resources:**

No resource implications.

ITA309H5: Mafia Movies: Unraveling the Mob in Italian and North American Cinema

**Title:**

**Previous:** Mafia Movies: Unraveling the Mob in Italian and North American Cinema

**New:** Mafia Movies

**Description:**

**Previous:** (Offered in English) Through a selection of contemporary Italian and American films, such as The Godfather, Gomorra, I cento passi, and others, this course explores the representation of the Mafia, and the myths surrounding it, in relation (and in contrast to) to its historical, political, social, and cultural realities in Italy, Canada, and United States. The course will also analyze the ways in which Italian Mafia films deglamorize the mafioso image while American popular cinema perpetuates its mystique. [ 24L, 24T]

**New:** (Offered in English) A study of organized crime and crime bosses and their representation onscreen, in American gangster films and in Italian movies about the mafia. Films analyzed include *Donnie Brasco*, *The Godfather* Trilogy, *Gomorra*, *Goodfellas*, *The Mafia Only Kills in Summer*, *Placido Rizzotto*.

**Prerequisites:**

None; ITA100Y5 or ITA101Y5 will be required for ~~Open to all~~ students; ~~however, if~~ enrolled in an ITA Italian Minor, Major or Specialist program only, as some of their written work will be submitted in Italian. ~~ITA100Y5 is required.~~

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class

**Rationale:**

Provide clearer description and title. Prerequisite was reworded to provide greater clarity.

**Resources:**

No impact on existing resources.

ITA311H5: Laughter Is the Best Medicine: Italian Cinematic Comedies and Comedians, Then and Now

**Title:**

**Previous:** Laughter Is the Best Medicine: Italian Cinematic Comedies and Comedians, Then and Now

**New:** Italian Cinema: Comedies and Comedians

**Description:**

(Offered in English) This course ~~examines~~ ~~presents students with~~ an integral part ~~overview~~ of Italian cinema - Commedia all'italiana (Comedy, Italian Style), ~~an integral part~~ of the 1950s ~~fabric of Italian cinema~~, and the ways in which it continues ~~from its origins~~ to influence film comedies ~~its manifestations~~ today. As ~~Students will learn about the importance and influence of~~ the subgenre ~~genre, which~~ is deeply rooted in the external contexts that surround a film's release ~~history, politics, society~~, discussions will attempt to answer whether laughter can indeed be ~~and culture of~~ the best medicine ~~Italian peninsula~~. Films analyzed include *Divorce Italian-Style* ~~and analyses will also centre on the Italian star system (such as Totò, The Easy Life Troisi, Life Is Beautiful Benigni, Marriage Italian-Style and Zalone) and their works.~~ [24], *Quo vado?*.

~~24T]~~

**Prerequisites:**

Open to all students. ~~If, however, if~~ enrolled in an Italian Minor, Major or Specialist program; ITA200Y5 or ITA201Y5 or ~~permission of department.~~

~~is required.~~

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class

**Rationale:**

Modified to provide a more accurate/succinct understanding of course content and to more clearly refer to the discipline (the addition of "Italian" to some course titles).

It is important to state "Open to all students" as the course designator may confuse students who may assume that knowledge of the language would be required for those NOT pursuing a program in Italian.

Modified description to better reflect course objectives and/or key questions analyzed and to be more concise.

**Resources:**

No impact on existing resources.

#### ITA313H5: Quentin Tarantino and the Spaghetti Western Effect

**Title:**

**Previous:** Quentin Tarantino and the Spaghetti Western Effect

**New:** Italian Cinema: The Effect of Spaghetti Westerns on the Films of Quentin Tarantino

**Description:**

(Offered in English) This course explores ~~the cinema of director Quentin Tarantino and the influence that the Spaghetti Westerns Western~~ and, in particular, the works of Sergio Leone (~~director of The Good, the Bad, the Ugly, and several others~~) had on the Italian-American auteur, Quentin Tarantino. Works, from ~~Films screened and analyzed will include both those in the filmographies of Tarantino and Leone,~~ and Tarantino, are analyzed through ~~will be studied within a~~ variety of lenses ~~frameworks~~ (cinematographic, ~~political,~~ cultural ~~social,~~ theoretical). Films include A Fistful of Dollars, The Good, the Bad and the Ugly, The Hateful Eight, Kill Bill, Once Upon a Time in America, Once Upon a Time in Hollywood, Pulp Fiction. ~~[24L, 24T]~~

**Prerequisites:**

Open to all students. If, ~~however, if~~ enrolled in an Italian Minor, Major or Specialist program: ITA200Y5 or permission of department., ~~ITA100Y5 is required.~~

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class

**Rationale:**

Modified description to better reflect course objectives and/or key questions analyzed and to be more succinct. Course title modified to provide a more accurate/succinct understanding of course content and to more clearly refer to the discipline (i.e. with the addition of "Italian" to some course titles). Prerequisites in 300-level ITA courses were all modified to include a stronger language base - ITA200Y5, except in cases where the course is cross-listed with another discipline. It is important to state "Open to all students" as the course designator may confuse students who may assume that knowledge of the language would be required for those NOT pursuing a program in Italian.

**Resources:**

No impact on existing resources.

#### ITA315Y5: Major Italian Playwrights (19th to 21st Century)

**Title:**

~~Major~~ Italian Theatre Playwrights(19th to 21st Century)

**Description:**

(Offered in English, ~~performances in Italian~~) A study of 19th- to 21st-century Italian plays and playwrights, culminating in the staging of a play from one of those eras. Students may ~~take on acting participate as actors, stage managers, marketers, fundraisers, costume and/or stage production roles set designers, etc.~~

**Prerequisites:**

**Previous:** None; ITA200Y5 or ITA201Y5 will be required for students enrolled in an ITA Major or Specialist program only, as some of their written work will be submitted in Italian.

**New:** Open to all students. If enrolled in an Italian Minor, Major or Specialist program:ITA200Y5 or ITA201Y5 or permission of department.

**Rationale:**

Language of instruction change: The performative aspect of the course is undertaken in Italian – this is now explicitly mentioned. Prerequisites “None” => "Open to all students".

**Resources:**

No resource implications.

## ITA339Y5: Exploring Italian Culture

**Contact Hours:**

**Previous:** Lecture: 24 / Tutorial: 24

**New:** Lecture: 24 / Tutorial: 12

**Description:**

(Offered in English) A study of key aspects of Italy’s past and present, contextualized within historical, political, and artistic frameworks. Topics of study include World Wars, Economic Booms and Crises, Organized Crime, and Gastronomy. In this course, students have the option of participating in co- and extra-curricular learning experiences (~~local and international~~). When those are offered, additional costs and application processes may apply. ~~Please note that when this course is offered in Siena (Woodsworth - Study Abroad), the international learning experience will have an additional cost and application process.~~

**Prerequisites:****Previous:**

**New:** Open to all students.

**Rationale:**

Newly added wording to the description when offered in Siena. There are no prerequisites so that it can remain open to students outside of the discipline. It is important to state "Open to all students" as the course designator may confuse students who may assume that knowledge of the language would be required for those NOT pursuing a program in Italian.

**Resources:**

No resource implications.

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

**Title:**

~~Post War~~ Italian Cinema I: ~~Mastering~~ Neorealism

**Description:**

(Offered in English) A ~~study~~ ~~An analysis~~ of the ~~Golden Age of neorealist period in~~ Italian cinema, Neorealism, 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.~~ Consideration is ~~Attention will~~ also ~~be~~ given to how these films were received in the 1940s versus how they are screened and felt by today’s viewer. Films analyzed include Bicycle Thieves ~~Italian Holocaust cinema~~, The Children Are Watching Us ~~cinematic adaptations~~, Rome Open City and ~~Italian neorealist literature~~, Shoeshine ~~in general~~. [24L, 24T]

**Prerequisites:**

~~Open~~ ~~ITA200Y5 or ITA201Y5 or permission of the department.~~ Prerequisite ~~only applicable~~ to all students. If enrolled in an Italian Minor, Major or Specialist ~~program:~~ ~~ITA200Y5 or ITA201Y5 or permission of department.~~  
~~program.~~



**Mode of Delivery:****Previous:** In Class**New:** In Class**Rationale:**

It is important to state "Open to all students" as the course designator may confuse students who may assume that knowledge of the language would be required for those NOT pursuing a program in Italian.

Modified title to provide a more accurate/succinct understanding of course content and to more clearly refer to the discipline (i.e. with the addition of "Italian" to some course titles).

Modified description to reflect course objectives and/or key questions analyzed and to be more succinct.

**Resources:**

No impact on existing resources.

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

**Title:**

~~Post War~~ Italian Cinema II: ~~The Neorealist Effect~~ ~~Moving Beyond Neorealism~~

**Description:**

(Offered in English) An examination of the evolution and influence of Italian cinematic neorealism on films released and its revisitations in the 1950s early films of Antonioni, Comencini, Fellini, Pasolini, and 1960s others. Films analyzed include Miracle in Milan Attention will also be paid to Italian Holocaust cinema, La Strada Italian comedies, Two Women and cinematic adaptations., Umberto D. [24L, 24T]

**Prerequisites:**

Open (ITA200Y5 or ITA201Y5) or permission of the department. Prerequisite only applicable to all students. If enrolled in an Italian Minor, Major or Specialist program: ITA200Y5 or ITA201Y5 or permission of department.

~~program.~~

**Exclusions:**

~~{ITA342Y5 or ITA343Y5}~~ or ITA344H5

**Recommended Preparation:**

**Previous:** Minimum 0.5 credits in any ITA cinema course.

**New:** ITA342H5

**Mode of Delivery:****Previous:** In Class**New:** In Class**Rationale:**

It is important to state "Open to all students" as the course designator may confuse students who may assume that knowledge of the language would be required for those NOT pursuing a program in Italian.

Modified title to provide a more accurate/succinct understanding of course content and to more clearly refer to the discipline (i.e. with the addition of "Italian" to some course titles).

Modified description to reflect course objectives and/or key questions analyzed and to be more succinct.

**Resources:**

No impact on existing resources.

## ITA351H5: Creative Writing in Italian Studies

### **Description:**

(Offered in **English and Italian**) An intermediate-advanced-level language course designed to promote creative expression in Italian. Students examine various genres and writing styles (argumentative and descriptive article-writing, screenplays, etc.) as well as write their own original pieces.

### **Prerequisites:**

ITA200Y5 or ITA201Y5 or permission **of program coordinator** of the department. **Italian.**

### **Rationale:**

Supporting Italian program learning outcomes, several 300- and 400-level courses, the language of instruction was changed to Italian.

### **Resources:**

No resource implications.

## ITA352H5: Italian Media and Social Media Production

### **Description:**

(**Offered in Italian**) An intermediate-advanced-level language course designed to enhance students' Italian skills through media production (subtitles, dubbing, etc.), digital analyses of primary texts, and comparisons between human-generated and computer-generated translations. Students collaborate with industry leaders in film, publishing and editing, and reference collection.

### **Prerequisites:**

[ITA200Y5](#) or [ITA201Y5](#) or permission **of program coordinator** of department. **Italian**

### **Rationale:**

Changes to language of instruction. Previously: "Offered in English/Italian" => new: "Taught bilingually: English and Italian". Provide clearer wording regarding the language of instruction. A course is taught bilingually to accommodate the varying language levels often present in a course, at the same time.

### **Resources:**

No resource implications.

## ITA370H5: Machiavelli's The Prince

### **Prerequisites:**

#### **Previous:**

**New:** Open to all students. If enrolled in an Italian Minor, Major or Specialist program: ITA200Y5 or ITA201Y5 or permission of department.

### **Rationale:**

Included missing prerequisites. It is important to state "Open to all students" as the course designator may confuse students who may assume that knowledge of the language would be required for those NOT pursuing a program in Italian.

### **Resources:**

No resource implications.

### ITA371H5: Writings on Politics, Power, and Success (Italian Renaissance)

**Description:**

(Offered in **English and Italian**) An in-depth analysis of Renaissance writings on politics, power, and success. Writers studied include Pietro Aretino, Michelangelo Buonarroti, Baldassare Castiglione, Lorenzo de' Medici.

**Prerequisites:**

ITA200Y5 or ITA201Y5 or **permission of the department.**

**Rationale:**

Language of instruction was modified to signal a stronger language base required for this course.

**Resources:**

No resource implications.

### ITA373H5: Italian Sociolinguistics

**Description:**

(Offered in **English and Italian**) A study of Italian dialects, regional variants, and the effect that immigration and emigration have had on the language as we read, hear, and speak it today.

**Prerequisites:**

~~(ITA200Y5 or ITA201Y5)~~ or ~~(LIN101H5 or LIN102H5)~~ or **permission of the department.**

**Recommended Preparation:**

**Previous:**

**New:** LIN101H5 or LIN102H5

**Rationale:**

Prerequisite change: split up into prerequisites and added recommended preparation because intermediate Italian language skills (ITA200Y5 or similar) are necessary to engage with the course (language of instruction, content, materials). "LIN" courses are listed as recommended preparation although some review of foundational concepts is provided in ITA373H5.

**Resources:**

No resource implications.

### ITA374H5: Language Teaching Methodology I

**Description:**

(Offered in **English and Italian**) A theoretical-practical approach to language teaching and learning. Based on relevant scholarship, students evaluate existing materials and create their own original exercises which they have the opportunity to implement in another Italian language course.

**Corequisites:**

**Previous:** Corequisite of ITA200Y5 or ITA201Y5 will be required for students enrolled in an ITA Major or Specialist program only, as some of their written work will be submitted in Italian.

**New:** ITA200Y5 or ITA201Y5 or permission of the department.

**Rationale:**

Change in the language of instruction is in-line with the prerequisite change which is consistent with other content area courses (ITA37\*H5 series).

#### ITA375H5: Language Teaching Methodology II

**Description:**

(Offered in ~~English and Italian~~) A ~~further study of~~ theoretical-practical ~~approach approaches~~ to language teaching and learning. ~~Based on relevant scholarship, students evaluate existing materials and create their own original exercises which they have the opportunity to implement in another Italian language course.~~

**Prerequisites:**

**Previous:** ITA374H5

**New:** ITA200Y5 or ITA201Y5 or permission of department.

**Corequisites:**

**Previous:** Corequisite of ITA200Y5 or ITA201Y5 will be required for students enrolled in an ITA Major or Specialist program only, as some of their written work will be submitted in Italian.

**New:**

**Rationale:**

Updated description to better reflect course objectives/content. Change in the language of instruction is in-line with the prerequisite change which is consistent with other content area courses (ITA37\*H5 series).

**Resources:**

No resource implications.

#### ITA388H5: Education Internship in Italian Studies

**Description:**

(~~Taught bilingually: Offered in English and Italian and Italian~~) An internship opportunity (minimum 100-hours) for students interested in gaining experience in a branch of Education such as teaching, curriculum, administration, etc. Placements, determined in consultation with the student, may include elementary, secondary, or college/university classes, units, ~~and~~ departments. To request an internship placement, write to the program coordinator of Italian prior to course enrolment.

**Prerequisites:**

**Previous:**

**New:** ITA200Y5 or ITA201Y5 or permission of department.

**Corequisites:**

**Previous:** ITA200Y5 or ITA201Y5 required for students enrolled in an ITA Major or Specialist program only, as some of their written work will be submitted in Italian.

**New:**

**Rationale:**

Changes to language of instruction. Previously: "Offered in English/Italian" => new: "Taught bilingually: English and Italian". Provide clearer wording regarding the language of instruction.

**Resources:**

No resource implications.

#### ITA391H5: Writings on Anxiety and Identity

**Title:**

## Writings on Anxiety and Identity in Italian Literature

### Description:

(Offered in English) An analysis of the masterpieces of Italian fiction (in English translation), examined against the backdrop of modern-day Italy and centred on issues of national and individual identity. Writers studied include Sibilla Aleramo, Alberto Moravia, Pier Paolo Pasolini, Cesare Pavese, Umberto Saba, Italo Svevo, and Elio Vittorini. Texts will be available in Italian and English.

### Prerequisites:

Open to all ~~None~~; ~~ITA200Y5~~ required for students. If enrolled in an Italian Minor, ~~ITA~~ Major or Specialist program: ITA200Y5 or ITA201Y5 or permission ~~only, as some~~ of department.

~~their written work will be submitted in Italian.~~

### Rationale:

Changes to language of instruction. Previously: "Offered in English/Italian" => new: "Offered in English"

Rationale: Changes to language of instruction to accurately reflect how the course is actually taught. For example, some courses may enrol students who only have one year of Italian (ITA100Y5) and more advanced Italian speakers. Learners engage with the language differently, through their course work and assigned readings.

Changes to Course Title. Modified to provide a more accurate/succinct understanding of course content and to more clearly refer to the discipline (i.e. with the addition of "Italian" to some course titles).

Prerequisite change: "None" => "Open to all students. It is important to state "Open to all students" as the course designator may confuse interested students NOT pursuing a program in Italian.

### Resources:

No resource implications.

## ITA392H5: Queer Italy: Literature and Cinema

### Description:

(Offered in English) An exploration of expressions of ~~gender sexual~~ diversity in Italian culture through time. Particular attention will be paid to issues of persecution, social struggle and activism, censorship, and marginalization of LGBTQ+ individuals and works. Texts will be available in Italian and English.

### Prerequisites:

Open to all ~~None~~; ~~ITA00Y5~~ required for students. If enrolled in an Italian Minor, ~~ITA~~ Major or Specialist program: ITA200Y5 or ITA201Y5 or permission ~~only, as some~~ of department.

~~their written work will be submitted in Italian.~~

### Rationale:

Prerequisites in 300-level ITA courses were modified to include a stronger language base - ITA200Y5, except in cases where the course is cross-listed with another discipline (in this case Women, Gender and Sexuality Studies programs).

Changes to language of instruction.

Previously: "Offered in English/Italian" => new: "Offered in English"

Rationale: Changes to language of instruction to accurately reflect how the course is actually taught. For example, some courses may enrol students who only have one year of Italian (ITA100Y5) and more advanced Italian speakers. Learners engage with the language differently, through their course work and assigned readings.

It is important to state "Open to all students" as the course designator may confuse students who may assume that knowledge of the language would be required for those NOT pursuing a program in Italian.

#### ITA400Y5: Internship in Italian Studies (Private or Public Sector)

**Title:**

Internship in Italian Italian Studies (Private or Public Sector)

**Rationale:**

Corrected typo in course title.

#### ITA415Y5: Major Playwrights (15th to 18th Century Italy)

**Title:**

Italian Theatre Major Playwrights(15th to 18th Century Italy)

**Description:**

(Offered in English, performances in and Italian) A study of 15th- to 18th-century Italian plays and playwrights, culminating in the staging of a play from one of those eras. Students may take on acting participate as actors, stage managers, marketers, fundraisers, costume and/or stage-production roles set designers, etc.

**Prerequisites:**

Open Prerequisite only applicable to all students. If enrolled in an Italian Minor, Major or Specialist program: program: ITA350H5 or ITA351H5 or ITA352H5; or permission from the undergraduate coordinator of department. Italian.

**Rationale:**

Language of instruction: The performative aspect of the course is undertaken in Italian – this is now explicitly mentioned. Prerequisite change clarification "None" => "Open to all students" for those not engaging in performing. Modified title to provide a more accurate/succinct understanding of course content and to more clearly refer to the discipline

#### ITA420H5: Dante's Inferno

**Description:**

(Offered in English and Italian) An in-depth study of the Inferno, in Dante's *Divine Comedy*, with special emphasis on the *Inferno*. Texts will be available in Italian and English.

**Prerequisites:**

ITA350H5 ITA200Y5 or ITA351H5 or ITA352H5 ITA201Y5

**Rationale:**

Change in the description. In the previous description, "special emphasis" did not accurately reflect the content of the course. The in-depth study is of the Inferno, specifically.

Change in prerequisite: 400-level ITA courses were modified to include a stronger language base - ITA350H5

Changes to language of instruction.

Previously: "Offered in English/Italian" => new: "Offered in English"

Rationale: Changes to language of instruction to accurately reflect how the course is actually taught. For example, some courses may enrol students who only have one year of Italian (ITA100Y5) and more advanced Italian speakers. Learners engage with the language differently, through their course work and assigned readings.

#### ITA421H5: Dante's Purgatory and Paradise

**Description:**

(Offered in English) An in-depth study of Purgatory and Paradise, in Dante's *Divine Comedy*, with special emphasis on Purgatory and Paradise. Texts will be available in Italian and English.

**Prerequisites:**

ITA350H5 ~~ITA200Y5~~ or ITA351H5 or ITA352H5

~~ITA201Y5~~

**Rationale:**

Change in description: In the previous description, "special emphasis" did not accurately reflect the content of the course. The in-depth study is of Purgatory and Paradise, specifically.

Change in prerequisite: 400-level ITA courses were modified to include a stronger language base - ITA350H5.

Changes to language of instruction.

Previously: "Offered in English/Italian" => new: "Offered in English"

Rationale: Changes to language of instruction to accurately reflect how the course is actually taught. For example, some courses may enrol students who only have one year of Italian (ITA100Y5) and more advanced Italian speakers. Learners engage with the language differently, through their course work and assigned readings.

#### ITA437Y5: History of the Italian Language

**New Course Code:**

ITA437H5

**Title:**

History of the Italian Language (Medieval Period to the 1700s)

**Contact Hours:**

**Previous:** Lecture: 48

**New:** Lecture: 24

**Description:**

(Offered in Italian) A study of the foundations of the Italian language. Topics/key figures in focus include the linguistic transition from Latin to Italian, Dante Alighieri, the "Questione *Questione della lingua*," during the Renaissance. Students will explore those developments in 18th and 19th centuries, and other topics contemporary trends, through pertinent readings and linguistic analyses of representative texts.

**Prerequisites:**

ITA350H5 ~~ITA200Y5~~ or ITA351H5 or ITA352H5

~~ITA201Y5~~

**Exclusions:**

**Previous:**

**New:** ITA437Y5

**Rationale:**

"H" allows for greater flexibility in course offerings and it affords students greater scheduling options. Course content can be covered in an H course and ITA451H5 (eliminates redundancy, content overlaps with ITA451H5). The course is also now able to centre focus on key topics relevant to the eras of study. Prerequisites now align with similar courses in Italian, at the 400-level.

**Resources:**

Resource Implication Form submitted.

ITA451H5: The Italian Language Today

**Title:**

History of the ~~The~~ Italian Language (19th Century to Present) ~~Today~~

**Description:**

(Offered in Italian) A study ~~look into the current configuration~~ of the Italian language, from the 19 th century to the present, with a focus on contemporary varieties 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.).

**Prerequisites:**

ITA350H5 or ITA351H5 or ITA352H5

**Rationale:**

Description change: course content now allows for greater continuity between ITA437H5 and ITA451H5. ITA437Y5 was deleted and content is now covered in ITA437H5 and ITA451H5. The latter course covered similar content in ITA437Y5 and the revised title and description better reflects this.

JAL355H5: Language and Gender

**Description:**

Ways in which ~~gender influences the women and men differ in their~~ use of language and ~~in their~~ behaviour in conversational interaction: ways in which language reflects cultural beliefs about ~~gender women and men~~.

**Rationale:**

The previous description privileges a binary understanding of gender. The new description is both more inclusive and reflects the course material more accurately.

**Consultation:**

**Resources:**

No resource implications.

LIN204H5: English Grammar I

**Description:**

Students will learn about fundamental grammatical concepts, focusing on the major grammatical categories in English and how they interact at the phrase level. They will be introduced to the main constituents of English sentences and learn about the basic relationship between tense, aspect, and modality. Students will learn to apply this knowledge as a tool to think analytically about English, evaluating various registers and styles, and gaining an awareness of their own



style of speaking and writing. Depending on the instructor, this course may be delivered fully or partially online. Students are required to take the final exam at the UTM campus. Arrangements will be made for proctored exam writing for students who are registered at Ontario university locations outside of the GTA. This course does not count towards the Linguistic Studies minor or major program. [24L, 12T]

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Hybrid

**Rationale:**

See OBD Proposal submission.

LIN208H5: English Sounds

**Description:**

A description of This course introduces the phonetic sounds and phonological systems sound patterns of varieties English from a linguistic perspective. Topics will include the articulation of English speech sounds and their phonetic transcription, as well as discussion analysis of topics including dialectal variation, socio-phonetics, historical developments, and/or prosody the rules governing how these sounds are structured in natural language. This course does not count towards the Linguistic Studies Minor minor or Linguistic Studies Major major programs.

**Prerequisites:**

**Previous:**

**New:** LIN101H5

**Rationale:**

We have sharpened the emphasis of this foundational course belonging to the ELL minor program in order to clearly distinguish it from LIN228H5, LIN229H5, and LIN325H5.

The addition of LIN101 as a prerequisite identifies the course as a foundational course requiring a background in an introductory course, in line with all other 200-level courses in our program (with the exception of LIN204H5).

LIN325H5: Phonetics and Phonology in English

**Title:**

Topics in the Phonetics and Phonology of in English

**Description:**

This The aim of the course examines current issues in phonetics is to provide an in-depth description of the phonetic and/or phonology specific to English. Depending phonological system of English. Depending on the instructor, the focus of special topics discussed in the course may be oriented towards topics such as socio-phonetics; acquisition; dialectal variation; historical developments include prosody, dialect differences, acquisition, among others. This course does not count towards the Linguistic Studies minor or major programs.

**Prerequisites:**

**Previous:** LIN101H5 and (LIN228H5 or LIN208H5)

**New:** LIN208H5 or LIN228H5

**Exclusions:**

**Previous:** LIN335H5

**New:**

**Rationale:**

- Both the title and the description of LIN325H5 overlapped considerably with LIN208H5, although in practice, the two courses were distinct. This proposed change clearly defines LIN325H5 as an upper-level course that builds on LIN208H5/LIN228H5, continues to serve our ELL minor students, and reflects the interests and expertise of our faculty.
- The exclusion was removed since LIN335H5 (the former number of this course) has not been on the books in several years.
- LIN100H5 was removed from the prerequisites since it, too, has not been on the books in many years.
- LIN101H5 was removed from the prerequisites since it is a prerequisite for LIN228H5 and will be for LIN208H5 (see amendment#1).

#### LIN419H5: Field Methods: A Language Unlocked

##### Prerequisites:

**Previous:** LIN229H5 and LIN231H5 and LIN232H5 and (one of LIN327H5 or LIN328H5 or LIN329H5 or LIN332H5 or LIN337H5 or LIN338H5 or LIN360H5 or LIN366H5 or LIN369H5 or LIN411H5 or LIN418H5 or LIN476H5 or LIN479H5)

**New:** LIN229H5 and LIN231H5 and LIN232H5

##### Corequisites:

###### Previous:

**New:** One of LIN327H5 or LIN328H5 or LIN329H5 or LIN332H5 or LIN337H5 or LIN338H5 or LIN360H5 or LIN366H5 or LIN369H5 or LIN375H5 or LIN411H5 or LIN418H5 or LIN476H5 or LIN479H5

##### Rationale:

We have changed the 300- and 400-level pre-requisites to co-requisites to offer students greater flexibility in incorporating this course into their programs. Many of our 300- and 400-level courses are offered on rotation, and students often take them in their final year, which limits their ability to take LIN 419 if these courses are pre-requisites. Changing to co-requisites allows students to do this simultaneously while still ensuring that they have the background necessary to take a course at this level. In our first offering of field methods, we plan to allow students to take this pre-requisite as a co-requisite, and this change formalizes that decision. We have added LIN375H5, a recently accepted course, that is another excellent candidate for a co-requisite.

#### LIN447H5: Topics in Natural Language Processing

##### Title:

Topics in ~~Computational Linguistics~~ ~~Natural Language Processing~~

##### Contact Hours:

**Previous:** Lecture: 24

**New:** Lecture: 24 / Tutorial: 12

##### Description:

In this course, students will develop a ~~A brief introduction to Linguistics and Computing followed by applications to~~ computational understanding of text and language. This course is cross-disciplinary, tools and project based; it teams Linguistics and Computer Science students in projects exploring novel applications of Natural Language Processing. Example topics include text summarization, ~~bias detection, classification~~ and sentiment analysis using ~~tools such as~~ Python and ~~text processing the NLTK with applications to understanding the web~~ and ~~machine learning libraries social media~~. Topics and applications will vary by instructor. [24L]

##### Prerequisites:

For LIN program students:(~~LIN340H5 LIN232H5 or LIN247H5 or LIN347H5 or LIN341H5 JAL353H5~~)plus 1.0 additional credit at the 300 level. For CS program students: CSC207H5 and STA256H5 and/or permission from the instructor.

**Rationale:**

The change of title reflects the fact that Natural Language Processing conventionally only refers to applied language technology, and Computational Linguistics has a broader (applied and theoretical) purview.

The new prerequisite structure reflects the fact that there are other, lower-level LIN courses that constitute appropriate prerequisites.

The contact hours are increased to have class time for the projects (see Description).

The course description now no longer mentions an introduction to linguistics and computing, as this is done in the 300-level courses LIN340H5 and LIN341H5.

**Resources:**

No resource implications. Instructor will teach all contact hours. No special classroom required for the P hour.

## LIN460H5: Special Topics in Language Change

**Prerequisites:**

**Previous:** (LIN231H5 or LIN232H5 or LIN237H5 or LIN247H5) and (LIN256H5 or LIN288H5 or LIN258H5) and 0.5 credit in a 300-level LIN course.

**New:** LIN229H5 and LIN232H5 and LIN256H5 and (one of LIN310H5 or LIN318H5 or LIN327H5 or LIN328H5 or LIN329H5 or LIN332H5 or LIN337H5 or LIN338H5 or LIN357H5 or LIN360H5 or LIN366H5 or LIN369H5 or LIN375H5 or LIN411H5 or LIN419H5 or LIN458H5 or LIN476H5 or LIN479H5 or JFL454H5)

**Recommended Preparation:**

**Previous:** LIN360H5 or LIN366H5 or LIN369H5 or LIN376H5

**New:**

**Rationale:**

These changes require students enrolled in the major program (thus LIN229 and LIN232) with some foundational knowledge of language variation and change from a sociolinguistic perspective.

The sharpening of the prerequisites at the 300-level requires students to have some experience with formal linguistic analysis or sociolinguistic methods so that the course can be delivered at a level appropriate for a 400-level special topics course and can better engage students in the higher order learning outcomes of the major program that involve more autonomous linguistic analysis.

## LIN469H5: Topics in Romance Linguistics

**Description:**

We examine ~~An advanced seminar on~~ current issues of theoretical and/or empirical relevance in linguistics ~~Linguistics~~ with special reference to the Romance family ~~languages such as French, Italian~~, including both well-known ~~Spanish~~ and understudied varieties ~~Romanian~~. In this course, student can engage deeply with specific properties of ~~Depending on~~ the Romance family from the point of view of micro-comparative analysis ~~instructor~~, sociolinguistic variation, and/or diachronic change depending on student interests and the expertise ~~focus~~ of the instructor. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total ~~more oriented towards morpho-phonology or morpho-syntax~~. See the UTM Timetable.

~~{24L}~~

**Prerequisites:**

LIN229H5 and LIN232H5 and LIN256H5 and (one of LIN310H5 ~~LIN369H5~~ or LIN318H5 ~~LIN376H5~~ or LIN327H5 or LIN328H5 or LIN329H5 or LIN332H5 ~~LIN360H5~~ or LIN337H5 or LIN338H5 ~~LIN331H5~~ or LIN357H5 ~~LIN385H5~~ or LIN360H5 ~~LIN356H5~~ or LIN366H5 ~~LIN476H5~~ or LIN369H5 or LIN375H5 or LIN411H5 or LIN419H5 or LIN458H5 or LIN476H5 ~~LIN406H5~~ or LIN479H5 or JFL454H5)

**Rationale:**

These changes require students to be enrolled in the major program (thus LIN229 and LIN232) and to have some foundational knowledge of language variation and change from a sociolinguistic perspective.

The sharpening of the prerequisites at the 300-level requires students to have some experience with formal linguistic analysis or sociolinguistic methods so that the course can be delivered at a level appropriate for a 400-level special topics course and can better engage students in the higher order learning outcomes of the major program that involve more autonomous linguistic analysis.

Included note (similar to LIN460H5) re: contact hours.

#### LIN476H5: Language Diversity and Language Universals

**Prerequisites:**

LIN232H5 and LIN231H5 and (one of LIN310H5 ~~LIN229H5~~ or LIN327H5 or LIN328H5 or LIN329H5 or LIN332H5 or LIN337H5 or LIN338H5 or LIN360H5 or LIN366H5 or LIN369H5 or LIN375H5 or LIN411H5 or LIN419H5 or LIN479H5 ~~LIN231H5~~) and 0.5 credit in a 300-level LIN course.

**Exclusions:**

LIN402H1 or ~~and~~ LIN456H1

**Rationale:**

These changes require students to have background in syntactic and morphological linguistic analysis but need not have foundational knowledge of phonology, reflecting the major emphasis of typological inquiry in the last 100 years (dominated by word order and morphological phenomena).

The upper level prerequisite has been sharpened to only include courses that involve a certain degree of formal linguistic analysis so that the course can be delivered at a level appropriate for a 400-level capstone course and can better engage students in the higher order learning outcomes of the major program that involve research training and independent linguistics analysis (analyzing and interpreting (data from) a novel language, dialect or variety with the knowledge of linguistic concepts and methodologies; identify and explain the open questions in the field).

#### 5 Retired Courses:

##### ITA101Y5: Intermediate Italian I

**Rationale:**

The student demographic is such that it is no longer made up of dialect speakers (i.e. the speakers for whom this course was originally designed). This course is not offered in any other programs of study at UTM.

##### ITA219H5: Writings on Love and Sex (Mid to Late Italian Renaissance)

**Rationale:**

The content of this course is integrated with ITA218H5 as many themes are already covered in the latter course.

##### ITA246H5: Contemporary Italian Cinema I

**Rationale:**

The course content for ITA246H5 has been integrated within ITA247H5.

##### LIN288H5: Introduction to Psycholinguistics and Language Acquisition

**Rationale:**

This course is being replaced with JLP285H5 Language, Mind, & Brain

**Consultation:**

The curriculum committees from both departments have reviewed the proposal.

LIN327H5: Speech Perception

**Rationale:**

This course is being replaced by JLP384H5

**Consultation:**

The curriculum committees from both departments have reviewed the proposal.

## 7 Minor Program Modifications:

### English Language Linguistics - Minor (Arts)

#### Enrolment Requirements:

**Limited Enrolment** - — Enrolment in the Minor program is limited to students who have achieved at least 63% in both LIN101H5 and LIN205H5. **Second year entry requirements (for those students who have not met the enrolment requirement in the first year): A grade of 67% in at least **two** of the following ten courses: JAL253H5, LIN208H5, LIN228H5, LIN229H5, LIN231H5, **LIN233H5**, LIN232H5, LIN237H5, **LIN240H5**, LIN256H5, **JLP285H5** (formerly LIN288H5).**

#### Rationale:

Added new LIN240 and JLP285 (replacing LIN288) courses as fulfilling requirement 1.

### Italian - Major (Arts)

#### Completion Requirements:

8.0 credits are required including at least 2.0 credits at the 300/400 level. Some written work and readings will be done in Italian in all courses

1. ITA100Y5/~~ITA101Y5~~, ITA200Y5/ITA201Y5, ITA350H5, ITA420H5, ITA421H5, **ITA437H5, ITA451H5** ~~ITA437Y5~~
2. ITA351H5 or ITA352H5 or ITA450H5
3. 1.0 credit in Italian Cinema
4. 1.0 credit in Italian Culture; Literature (excluding those listed above).
5. 1.0 credit in any of the Italian course categories (excluding those listed above).

#### Rationale:

Updates to the course categories reflect changes in course codes and the removal of courses that have been retired. Courses that were changed during this year's curriculum round are noted; all others were modified in previous years, but never updated in the calendar.

### Italian - Specialist (Arts)

#### Completion Requirements:

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

1. ITA100Y5/~~ITA101Y5~~, ITA200Y5/ITA201Y5, ITA350H5, ITA420H5, ITA421H5, **ITA437H5, ITA451H5** ~~ITA437Y5~~
2. ITA351H5 or ITA352H5 or ITA450H5
3. 1.5 credits in Italian Cinema.
4. 1.0 credit in Italian Culture; Literature (excluding those listed above).
5. 1.0 credit in Italian Experiential Learning; Directed Research.
6. 0.5 credit in Italian Language; Linguistics; Teaching and Learning (excluding those listed above).
7. 1.0 credit in any of the Italian course categories (excluding those listed above).

#### Rationale:

Updates to the course categories reflect changes in course codes and the removal of courses that have been retired. Courses that were changed during this year's curriculum round are noted; all others were modified in previous years, but never updated in the calendar.

### Italian Language and Culture - Minor (Arts)

#### Completion Requirements:

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

1. ITA100Y5 ~~or~~ ~~ITA101Y5~~
2. ITA200Y5 or ITA201Y5

### 3. 2.0 additional credits in any of the Italian course categories

#### Description of Proposed Changes:

##### Rationale:

Updates to the course categories reflect changes in course codes and the removal of courses that have been retired. Courses that were changed during this year's curriculum round are noted; all others were modified in previous years, but never updated in the calendar.

#### Language Teaching and Learning: Italian - Major (Arts)

##### Completion Requirements:

8.0 credits are required including at least 2.0 credits at the 300/400 level. Some written work and readings will be done in Italian in all courses.

1. ITA100Y5 / ~~ITA101Y5~~
2. ITA200Y5 / ITA201Y5
3. ITA350H5
4. 0.5 credit from ITA351H5, ITA352H5, ITA450H5
5. ITA388H5
6. ITA437H5 and ITA451H5 ~~ITA437Y5~~
7. 0.5 credit from LTL380H5, LTL456H5, LTL487H5, LTL488H5
8. 1.5 additional credits in Italian Language; Linguistics; Language Teaching.
9. 1.5 additional credits in any of the other Italian course categories (excluding those listed above).

##### Description of Proposed Changes:

Updates to the course categories reflect changes in course codes and the removal of courses that have been retired. Courses that were changed during this year's curriculum round are noted; all others were modified in previous years, but never updated in the calendar.

Course codes changed, but were never updated in the calendar: ITA218H5, ITA219H5, ITA233H5, ITA339Y5, ITA350H5, ITA370H5, ITA371H5, ITA415Y5, ITA420H5, ITA421H5

Course codes changed, this year: ITA255H5, ITA256H5, ITA437H5

Courses that were retired this year: ITA101Y5, ITA246H5, ITA376H5

##### Rationale:

Updates to the course categories reflect changes in course codes and the removal of courses that have been retired. Courses that were changed during this year's curriculum round are noted; all others were modified in previous years, but never updated in the calendar.

Course codes changed, but were never updated in the calendar: ITA218H5, ITA219H5, ITA233H5, ITA339Y5, ITA350H5, ITA370H5, ITA371H5, ITA415Y5, ITA420H5, ITA421H5

Course codes changed, this year: ITA255H5, ITA256H5, ITA437H5

Courses that were retired this year: ITA101Y5, ITA246H5, ITA376H5

#### Linguistic Studies - Major (Arts)

##### Enrolment Requirements:

**Limited Enrolment** - — Enrolment in the Major program is limited to students who have achieved at least 63% in both LIN101H5 and LIN102H5. Second year entry requirements (for those students who have not met the enrolment requirement in the first year): A minimum grade of 67% in at least two of the following seven courses: LIN228H5, LIN229H5, LIN231H5, LIN232H5, LIN237H5, LIN240H5, LIN256H5, JLP285H5 (formerly LIN288H5).

**Students cannot be enrolled simultaneously in the Linguistics Studies Major and the Linguistics Studies Minor programs.**

## Completion Requirements:

8.0 credits are required.

**First Year:** LIN101H5 and LIN102H5

### Upper Years:

1. Core requirement:

(a) LIN228H5, ~~and~~ LIN229H5, LIN232H5, ~~and~~ (LIN231H5 or LIN237H5)  
~~and LIN232H5 and~~ (b) LIN240H5, LIN256H5, JLP285H5 (formerly ~~or~~ LIN288H5)-

2. Language requirement: 1.0 credit in a language course. This credit must involve the same language and must be taken either concurrently with LIN101H5 and LIN102H5 or after their completion. The language must be one other than the student's first language; English language courses are excluded.

3. Upper Year requirements: 1.5 credits ~~total to be chosen~~ from 3 ~~different of the~~ categories below:  
(~~only 0.5 credit per category is permitted~~)

a. Method and analysis: LIN318H5, LIN374H5, LIN375H5, ~~or~~ LIN411H5, ~~or~~ LIN418H5, ~~or~~ LIN419H5, LIN475H5, LIN479H5

b. Phonetics/Phonology: JLP384H5 (formerly LIN327H5 ~~or~~ JLP384H5), ~~or~~ LIN328H5, ~~or~~ LIN329H5, ~~or~~ LIN421H5

c. Syntax and Morphology: LIN332H5, ~~or~~ LIN476H5

d. Semantics/Pragmatics: LIN337H5, ~~or~~ LIN338H5, LIN441H5

e. Language teaching, learning, and acquisition: JFL389H5, ~~or~~ LIN380H5, JFL454H5, ~~or~~ LIN385H5 ~~or~~ LIN454H5 ~~or~~ LIN456H5, LIN486H5, ~~or~~ LIN487H5

f. Language ~~variation~~, contact, and change: LIN357H5, LIN360H5, ~~or~~ LIN366H5, ~~or~~ LIN369H5, ~~or~~ LIN458H5 ~~or~~ LIN460H5, ~~or~~ LIN466H5, ~~or~~ LIN469H5

g. Computational Linguistics: LIN340H5, ~~or~~ LIN341H5, ~~or~~ LIN447H5

h. Language acquisition and psycholinguistics: JLP315H5 (formerly PSY315H5), JLP383H5 (formerly PSY374), LIN385H5, JLP388H5 (formerly JFL388H5), JLP481H5, JLP483H5

i. Sociolinguistics and sociocultural linguistics: JAL351H5, JAL355H5, JAL453H5, LIN458H5

4. The remaining 1.5 ~~2.0~~ credits to be chosen from those courses not yet taken from the list above, or from the following: LIN299H5 or LIN299Y5, any 300/400 level LIN/JAL/JFL/JLP course, ~~or~~ ANT362H5 ~~or~~ ANT358H5 ~~or~~ FRE454H5 ~~or~~ FRE489H5, ITA437H5, ITA451H5, ~~or~~ ITA437Y5 ~~or~~ ITA373H5, ~~or~~ LTL488H5, ~~or~~ PHL350H5 ~~or~~ PHL451H5 ~~or~~ PSY315H5 ~~or~~ PSY374H5 ~~or~~ PSY376H5 ~~or~~ SAN392Y5.

Students must have a minimum of 0.5 credits at the 400-level. No more than 1.0 credits outside of LIN/JAL/JFL/JLP offerings (excluding language courses in requirement #2 can be used towards program requirements.

**NOTE:** No more than 1.5 credits can be double counted towards two programs of study in Linguistics.

No more than 1.0 ROP course credit may count toward requirement 4.

## Description of Proposed Changes:

Updated requirements with new courses as well as included new categories.

### Rationale:

Added new proposed courses to program requirements (LIN240, JLP285, LIN374, LIN375, JFL454, JLP315, JLP383, JLP481, JLP483, LIN475, LIN299H). Added existing courses to program requirements (LIN479, LIN441, LIN357, LIN299Y).

Removed retired courses (LIN288, LIN327, LIN454). Moved LIN375 from 3f (Language Variation, contact and change) to 3a (Methods and analysis). A new category was added to requirement 3 (3i) Sociolinguistic and Sociocultural Linguistics. One course was moved from 3f (now Language Contact and Change) to 3i (LIN458H5). The existing course JAL355H5 was added here and two new courses being introduced by the Department of Anthropology (in collaboration with us), JAL351H5 and JAL453H5, are included here. To reflect other changes made in Italian, ITA437Y5 is removed and replaced by ITA437H5 and ITA451H5.



Added LIN240 and JLP285 (replacing LIN288) to limited enrolment requirements. Added 0.5 required credits at the 200-level and removed 0.5 credits from the 300/400 level options to accommodate new 200-level introduction to computational linguistics course (LIN240). This decision was made so students are equitably exposed to both formal linguistics (1a courses) and applications of linguistics (1b courses) in the first part of this program. With the addition of the 0.5 credits at the 200 level, we removed 0.5 credits from program requirement 4, reducing the elective courses from 2.0 to 1.5. We note that the program is still consistent with the general degree requirement that students take 6.0 300/400 level credits: with program requirement 3 and 4 combined, the vast majority of students will take 3.0 credits at this level. The only exception is if students take a 200-level ROP course and choose to count that toward this program. We also note that this program would not be unique in requiring 2.5+ credits at the 200-level: e.g., ANT Major (Arts) (2.5), ANT Major (Science) (4.0), BIO Major (Science) (3.0), CCIT Major (Arts) (3.0), Computer Science Major (Science) (3.0) etc.

The program is designed with the following pathway in mind: all students must take LIN228, LIN229, and LIN232, which we feel are core to any further linguistic study; then students have some options with the other core 200-level courses but we ensure they are exposed to both formal linguistics and applications of linguistics. From there, students still receive breadth at the 300/400-level with program requirement 3, but they have more freedom to choose what to focus on. With program requirement 4, students can narrow their focus for their last few credits.

From requirement 4, we removed courses outside the Department of Language Studies as options for students: we now have ample offerings at the 300/400 level and would like to encourage students to take more courses within our programs.

## Linguistic Studies - Minor (Arts)

### **Enrolment Requirements:**

**Limited Enrolment** — Enrolment in the Minor program is limited to students who have achieved at least 63% in both LIN101H5 and LIN102H5. Second year entry requirements (for those students who have not met the enrolment requirement in the first year): A grade of 67% in at least two of the following seven courses: LIN228H5, LIN229H5, LIN231H5, LIN232H5, LIN237H5, LIN240H5, LIN256H5, JLP285H5 (formerly LIN288H5).

**Students cannot be enrolled simultaneously in the Linguistic Studies Major and the Linguistic Studies Minor programs.**

### **Completion Requirements:**

4.0 credits are required.

**First Year:** LIN101H5 and LIN102H5

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

1. Minimum 1.0 credit from the following list: LIN228H5, LIN229H5, LIN231H5, LIN232H5, LIN237H5, LIN240H5, LIN256H5, JLP285H5 (formerly LIN288H5).
2. Minimum 1.0 credit from the following list: any 300 and 400 level LIN, JAL, JFL, or JLP courses.
3. 1.0 credit from any remaining courses listed in (1) or (2) or from the following list: FRE489H5, ITA373H5, ITA437H5, ITA451H5, ~~ITA437Y5~~, and SAN392Y5.

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

**No more than 1.5 credits can be double counted towards two programs of study in Linguistics.**

### **Rationale:**

Removed retired courses (LIN288).

Added new LIN240 and JLP285 (replacing LIN288) courses as fulfilling requirement 1 and in limited enrolment requirements.

To reflect other changes made in Italian, ITA437Y5 is removed and replaced by ITA437H5 and ITA451H5.

# Philosophy (UTM), Department of

## 1 Course Modification:

PHL245H5: Modern Symbolic Logic

**Description:**

An introduction to formal deductive logic. Semantics, symbolization, and techniques of natural deduction in sentential logic. Symbolization, natural deduction, and models in monadic predicate logic. Symbolization and natural deduction with polyadic predicates. Introduction to advanced concepts in first-order logic, such as operations, identity, and models. ~~[36L]~~

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Hybrid

**Rationale:**

See OBD Proposal submission.

# Psychology (UTM), Department of

## 2 New Courses:

### JLP315H5: Language Development

**Contact Hours:**

Lecture: 36

**Description:**

By three years of age, children have mastered many of the complexities of human language. How do they do this so rapidly, and with such ease? In this course, you will examine language acquisition from a cognitive perspective. Topics include the acquisition of speech sounds, sentence structure, and conversational abilities, as well as patterns of development in special populations. You will also learn about childhood bilingualism and social aspects of language development. Hands-on experience analyzing recordings of children will be provided.

**Prerequisites:**

PSY201H5 (or equivalent) or (LIN288H5 or PSY274H5 or JLP285H5) and (PSY210H5 or PSY270H5 or PSY274H5) or (LIN101H5 and LIN102H5) or LIN200H5

**Exclusions:**

JLP315H1, PSY315H5

**Rationale:**

Linguistics and Psychology overlap significantly in the area of language development. As students in both Linguistics and Psychology manifest a strong interest in the topic of language development, this JLP course will allow them to take an interdisciplinary course, showcasing the main topics in this field. Courses with language development content are in high demand in both departments. This JLP course is replacing the already existing PSY315 (Language Development). Offering this course as JLP introduces an additional faculty member into the rotation to teach it (Emily Atkinson, LIN); were this not a JLP, Prof. Atkinson, a new hire in Linguistics, would propose a similar course in the Dept. of Language Studies. Additionally, this course is a complement to the suite of JLP courses that have already been proposed (JLP84, JLP388, & JLP481) and that will be proposed in this round of curriculum changes (also including: JLP285, JLP383, JLP483).

This JLP course will replace the current above mentioned PSY course, which will be deleted next year following approval of this JLP course. In the meantime, this course (JLP315) and the course that it is replacing will never be offered in the same year.

**Consultation:**

Extensive consultation has taken place with the curriculum committees in both departments who approve this addition.

**Resources:**

Resource Implication Form submitted.

### JLP383H5: Adult Language Processing

**Contact Hours:**

Lecture: 36

**Description:**

Language is a key element in our social interactions, our ability to share information, and aspects of human culture. In this course you will engage in an advanced exploration of the cognitive machinery underlying language in adulthood. Key themes include: incremental interpretation and predictive processing; the relationship between language comprehension and production; and the nature of processing in bilinguals and speakers of less-studied languages. Practical activities address experimental methodology and aspects of data analysis.

**Prerequisites:**

PSY201H5 (or equivalent) or (LIN288H5 or PSY274H5 or JLP285H5) and (PSY270H5 or PSY274H5) or (PSY315H5 or JLP315H5) or (LIN328H5 or PSY384H5 or JLP384H5) or (LIN101H5 and LIN102H5 or LIN200H5)

**Exclusions:**

PSY374H5

**Rationale:**

Linguistics and Psychology overlap significantly in the area of language processing. As students in both Linguistics and Psychology manifest a strong interest in the topic of language processing, this JLP course will allow them to take an interdisciplinary course focusing on key topics in language processing and use in adulthood.

This is the last piece in our planned set of four complementary 300-level JLP offerings (with the other three addressing language development in childhood, bilingualism, and speech perception and production). Courses with language processing content are in high demand in both departments. This JLP course is replacing the already existing PSY374 (Psycholinguistics).

Offering this course as JLP introduces an additional faculty member into the rotation to teach it (Emily Atkinson, LIN); were this not a JLP, Prof. Atkinson, a new hire in Linguistics, would propose a similar course in the Dept. of Language Studies. Additionally, this course is a complement to the suite of JLP courses that have already been proposed (JLP384, JLP388, & JLP481) and that will be proposed in this round of curriculum changes (also including: JLP285, JLP315, JLP483).

This JLP course will replace the current above mentioned PSY course, which will be deleted next year following approval of this JLP course. In the meantime, this course (JLP383) and the course that it is replacing will never be offered in the same year.

**Resources:**

Resource Implication Form submitted.

# Study of University Pedagogy (UTM), Institute for the

## 2 Course Modifications:

### ISP010H5: Basics of Writing in English (BoWiE)

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Online

**Rationale:**

See OBD Proposal submission.

### ISP100H5: Writing for University and Beyond

**Description:**

This course teaches writing- and reading-related skills that are necessary for success in the transition to university work. The course uses a 'Writing About Writing' approach to help students understand the writing process, with an emphasis on the concepts of discourse communities, genre, rhetoric, argument, and audience. Rather than focusing on discipline-specific writing skills, the course helps students develop transferable writing skills. ISP100H5 is delivered from the perspective that all writers can improve their writing, so that students with diverse writing skills will benefit by taking it. There is a required writing assessment in the first week of classes, and students must pass the threshold mark to continue in the course. Those below the threshold ~~will be automatically enrolled~~ **should enrol** in ISP010H5, Basics of Writing in English.

**Rationale:**

Students are no longer automatically enrolled in ISP010 if they do not pass the Writing Check-In assessment. This change is a reflection of the online by design proposal that has been submitted for ISP010 and contributes to a larger re-design of the course. Students can now self-enrol in ISP010 at any time throughout the course enrolment period if they identify that they would benefit from extra support prior to enrolling in ISP100. If a student successfully completes ISP010, they will be able to continue in ISP100 regardless of the outcome on the Writing Check-In assessment.

# Visual Studies (UTM), Department of

## 1 Minor Program Modification:

### Visual Culture and Communication - Specialist (Arts)

#### **Enrolment Requirements:**

**Limited Enrolment** – Enrolment in this program is highly competitive and will be limited as follows (meeting the minimum requirements does not guarantee admission):

1. A minimum of 4.0 credits, including ISP100H5 and CCT109H5 and CCT110H5 and FAH101H5 and VCC101H5;
2. ~~2.~~ A minimum CGPA determined annually. It is generally between 2.7 and 3.0 and never lower than 2.2; and
3. ~~3.~~ A minimum 65% average among CCT109H5 and CCT110H5 and FAH101H5 and VCC101H5; with at least 60% in each course.

**Tuition fees for students enrolling in this Department of Visual Studies program will be higher than for other Arts and Sciences programs.**

#### **Rationale:**

Updated messaging for the Sheridan Certificate to confirm (that is no longer available).



# UNIVERSITY OF TORONTO

## University of Toronto Mississauga

SCI Curriculum Proposals Report

December 1, 2022

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# Anthropology (UTM), Department of

## 1 New Course:

### FSC341H5: Applied Forensic Statistics

**Impact on Programs:**

This proposal triggers modifications in the unit's program(s)

**Contact Hours:**

Lecture: 12 / Practical: 24

**Description:**

Designed as a companion course to FSC340H5, Forensic Statistics will introduce students to basic analytic methods necessary to evaluate quantitative data in forensic science. Students will learn methods of visualizing and analyzing univariate, bivariate, and multivariate data in forensic science, with emphasis on practical applications of statistics in various forensic sub-disciplines. No prior knowledge of statistics and mathematics is required.

**Prerequisites:**

FSC239Y5

**Topics Covered:**

See attached example syllabus.

**Methods of Assessment:**

See attached example syllabus.

**Rationale:**

This course is intended to replace the current statistics course requirement (STA215H5), as forensic students require specific foundational statistical concepts and research methods more relevant to the actual analysis used in the professional discipline. The concepts in this course will provide preparation for the workplace and contribute to the steps towards accreditation. After many years of consulting with the MCS department about how to provide the necessary STA content for Forensic Science, meeting the needs of the FSC program students has not been possible. FSC is in need of a course that can have consistent, focused content, controlled by the FSC Program. Previous attempts to construct a STA course (STA311H5) resulted in content changes that excluded FSC students from being able to take the course entirely. A pre-requisite was added without consultation, which our students could not fit into their program, and the content became too advanced (instead of introductory).

Consequently, not a single FSC student ever took the course that STA specifically designed for FSC. STA215 is too theoretical, and is taught inconsistently, changing depending on which instructor is hired to teach it. Forensic students have had to re-learn relevant statistics in later courses before they can complete their research.

Course was tested as a "special topics" in 2021-2022 (see attached syllabus). All of the work associated with developing the course has been completed. It was very carefully and thoughtfully developed to fulfill the needs of our students and program.

The program director, Dr. Tracy Rogers, consulted with the sessional instructor who taught the course for more than a year and decided what needed to be included, the approach to take, the textbook, the type of assignments, the data sets to use, the software programs, and how to best integrate the course with its collateral course (FSC340 Research Design). Each lecture topic was discussed and reviewed. There is very little to adjust in the upcoming years.

Please note that program changes related to this course will be submitted on CM in May.

**Consultation:**

- October 6th, 2021 - FSC Curriculum Committee
- November 15th, 2021- SCI Curriculum Committee
- January 2022- consultation undertaken with MCS, and Biology (Joel Levine) regarding implementation of a program specific STA course.
- February 11, 2022- FSC Curriculum Committee

**Resources:**

- Instructor
- Computer lab space
- Program license for SPSS in computer labs (if not already installed)

Resource Implications Form has been submitted

## 10 Course Modifications:

### ANT201H5: World Prehistory

**Title:**

World Archaeology Prehistory

**Description:**

Archaeological survey Survey of human cultural development from a global perspective, including over 2.5 million years. The course will cover the following topics: the elaboration nature and origins of material culture; the expansion of social inequality; the nature and development of diverse food procurement (hunter-gatherer-fisher) and food production (herding-agricultural) hunter-gather-fisher economies; and the changes in patterns of mobility over time nature and between world areas, with the growth development of village resource production; and city life. Students will engage with the current state nature of archaeological research and some development of the major issues archaeologists address in their recreations of archaeologically-based human history complex societies.

{24L, 12P}

**Rationale:**

Update and clarification of the topics and focus of the course, with new regular instructor and developments in the field. New wording also makes more explicit the similarities with the St.George equivalent course.

### ANT202H5: Biological Anthropology: Human Variation and Adaptation

**Contact Hours:**

**Previous:** Lecture: 24 / Practical: 12

**New:** Lecture: 24 / Tutorial: 12

**Rationale:**

We are changing the type of student contact hours from PRA to TUT.

Prior to the 2014-2015 academic year, ANT202H5 and ANT203H5 used to be a full-year course (ANT203Y5). This full-year course had practicals. When the course was split into two different "H" courses, the primatology half (ANT203H5) still needed to be held in our undergraduate teaching labs since it makes use of the items in our collections' room. But, for the ANT202H5 half (genetics), this was no longer the case. ANT202H5 continued to be scheduled in our labs since it had a 12P. But the nature of the hands-on activities in ANT202H5 are more in line with what a tutorial might be and not a practical. As such we wish to change the 12P to 12T.

### ANT314H5: Archaeological Theory

**Title:**

History of Archaeological Theory

**Description:**

**Previous:** The course examines theoretical approaches to archeological explanation of the human past. The goals for the course are: 1) to trace the emergence and growth of scientific archeology; and 2) to analyze the development of theoretical approaches in the latter half of the 20th century and first part of the 21st century. [ 24L ]

**New:**

This course examines major schools of archaeological thought over time. We will explore how theoretical approaches to archeological explanations of the human past affect and are affected by how archaeologists investigate research questions and interpret archaeological evidence. Readings include historically important key works as well as recent syntheses.

**Rationale:**

Update and clarification of the topics and focus of the course, with new regular instructor and developments in the field. (Note: Equivalent St. George course no longer exists, but will monitor for future equivalencies)

ANT317H5: Pre-contact Indigenous History of Eastern North America

**Title:**

Archaeology ~~Pre-contact Indigenous History~~ of Indigenous Eastern North America

**Description:**

This course is a survey ~~from an archaeological perspective~~ of ~~pre-contact and early contact~~ Indigenous history in Ontario and the Eastern Woodlands of North America from earliest times (~~ca. 12-15, 000 years ago~~) until ~~colonization AD 1650~~. ~~Themes examined~~ ~~Topics covered~~ will include ~~technology~~ ~~earliest inhabitants~~, ~~subsistence~~ ~~hunter-gatherer-fisher lifeways~~, ~~shelter~~ ~~the origins of food production~~, ~~landscape use~~, ~~art~~ ~~development of village-dwelling tribal communities~~, and ~~trade and how these vary in time and space~~ ~~first contact with Europeans~~. [24L]

**Rationale:**

We are updating the title and description to eliminate the contradiction in the time range by moving away from a quasi-evolutionary time-based series of topics to a number of themes relevant at all times.

ANT320H5: Archaeological Approaches to Technology

**Contact Hours:**

**Previous:** Lecture: 24 / Practical: 12

**New:** Lecture: 12 / Practical: 24

**Description:**

Using hands-on learning as a primary approach, ~~this~~ ~~This course focuses on insights into social and cultural processes provided by the study of ancient and historic~~ ~~historical~~ ~~technology~~. ~~Experimental~~ ~~It emphasizes the importance for archaeological studies of archaeological, ethnographic~~ ~~textual, archaeological, experimental and textual~~ ~~ethnographic data are used to examine topics such as organization-~~ ~~Organization~~ and control of production, style of technology, and the value of objects ~~will be examined~~. Throughout, we will discuss social and cultural as well as economic and functional reasons for the development and adoption of new technologies ~~will be discussed~~.

**Rationale:**

Update and clarification of the topics and focus of the course, after first time teaching with addition of practicals. Students also need extra time and instruction on basic lab techniques, since ANT312 (Archaeological Lab Methods) is NOT a pre-requisite for this course. Shift in lecture vs. practical hours also reflects need for additional instructor demonstration times in lab setting. The "EXISTING Course Change Resource Implications Form" webform has been submitted with ANT312H5 used as a proxy course.

ANT402H5: Wild Nights: Sleep, evolution, and performance in the 21st century

**Contact Hours:****Previous:** Lecture: 12 / Seminar: 12**New:** Lecture: 24 / Tutorial: 12**Description:**

Sleep is essential to cognitive function and health in humans, yet the ultimate reasons for sleep - that is, 'why' we sleep - remains mysterious. This course integrates research findings from human sleep studies, the ethnographic record, and the ecology and evolution of mammalian and primate sleep to better understand sleep along the human lineage and in the modern world. Students will learn how to use 'wearable' technology, such as actigraphy, for scientific research. The goal of the course is to empower students with the theoretical and technological tools to be able to not only critically assess their own sleep-wake behaviour and performance but also popular generalizations about how to maximize long-term health outcomes. [12L, 12S]

**Mode of Delivery:****Previous:** In Class**New:** In Class; Online**Rationale:**

For the 2018-2019 Academic Calendar, we proposed ANT402H5 as a new course with student contact hours as [12L, 12S]. In essence, this means that students would have 2 hours per week with a blend of both lecture type instructional teaching and hands-on activities. As such, in consultation with the undergraduate advisor at the time this new course was proposed, we decided to go with [12L, 12S] to indicate the nature of what the students would be doing, instead of 24L. This course change proposes a more accurate reflection of 24 lecture hours with an additional 12 tutorial hours. The content previously delivered in the seminar hours will be divided between the lectures and tutorials, as appropriate, with additional time for discussion and hands-on activities to encourage a deeper understanding of the content.

See OBD Proposal submission for additional details.

~~FSC303H5: Forensic Epistemology and Theory~~  
~~FSC335H5: Forensic Epistemology and Theory~~

**Contact Hours:****Previous:** Seminar: 36**New:** Lecture: 36**Rationale:**

Due to the rapidly increasing course enrolments in the program, this course can no longer be sustained as a seminar, and will be presented in lecture format with intermittent in-class discussions to supplement the lectures.

FSC340H5: Research Design

**Contact Hours:****Previous:** Lecture: 24 / Seminar: 12**New:** Lecture: 12 / Practical: 24**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]

**Rationale:**

Lecture is being reduced to [12L] and course Seminar [12S] is being modified to Practical [24P], as students work primarily on practical components, e.g. statistics on computers, scenario applications, or data searches on computers.

**Consultation:**

**Resources:**

A computer lab will be necessary for students to use licensed statistics software.

FSC361H5: Mental Illness and the Criminal Justice System

**Impact on Programs:**

This proposal triggers modifications in the unit's program(s)

**Exclusions:**

**Previous:** FSC350H5 (Special Topics in Forensic Science: Mental Health & the Law)

**New:**

**Rationale:**

Removed the exclusion of FSC350H5 (Special Topics in Forensic Science: Mental Health & the Law), as this no longer exists as a "Special Topics" module. Exclusion removed to reduce confusion among new students. Students may now take FSC350 and FSC361 without conflict.

**Consultation:**

Forensic Science Program curriculum committee, September 19, 2022

Approved by Program Director, Sept 19, 2022

FSC416H5: Population Genetics

**Prerequisites:**

(ANT202H5 or BIO207H5) and BIO259H5 STA215H5

**Rationale:**

Course prerequisite has been updated to reflect the new Biology statistics course requirement for both ERSPE2364 (Biology) and ERSPE1410 (Forensic Biology), and to prevent students from unnecessarily taking STA215H5 in addition to their BIO259H5 statistics requirement.



## Biology (UTM), Department of

### 2 New Courses:

#### BIO329H5: Conservation Biology

**Contact Hours:**

Lecture: 24 / Tutorial: 12

**Description:**

Conservation of biodiversity, from genes to ecosystems. Topics include identifying biodiversity across levels of organization; understanding major threats to biodiversity (land use change, climate change, overharvesting); evaluating conservation actions (protected areas, reintroductions, assisted migration, restoration); and ethical considerations pertaining to conservation practices.

**Prerequisites:**

BIO205H5 and BIO259H5

**Corequisites:****Exclusions:**

BIOC63H3 or EEB215H1 or EEB255H1 or EEB365H1

**Topics Covered:**

The course will emphasize patterns of biodiversity, anthropogenic threats to biodiversity, and the primary conservation strategies that are employed to protect biodiversity. Several conservation biology courses are offered at St. George and Scarborough (see Exclusions listed above), but none are currently offered at UTM. There was previously a Conservation and Biodiversity fourth year seminar at UTM (BIO464H5) that has expired. Creating a new third-year lecture course will make the course accessible to more students.

**Methods of Assessment:**

Mid-term test 25%, case study 15%, spatial conservation planning exercise 15%, class participation 10%, final exam 35%

**Rationale:**

Conservation biology is a core topic in an undergraduate biology curriculum, which currently our department does not offer courses in the subject area. The course will emphasize patterns of biodiversity, anthropogenic threats to biodiversity, and the primary conservation strategies that are employed to protect biodiversity. The course will be an important course option to the Ecology & Evolution Specialist, and the Biology Specialist program. Students may also use the course to complete the Biology Major (ERMAJ2364) and the Biology Minor (ERMIN2364).

**Consultation:**

Dr. Cassidy D'Aloia, Biology Chair, Biology Associate Chair, Biology Curriculum Committee

**Resources:**

TA for tutorial section (140 TA hours in total). Resource form has been submitted

#### BIO444H5: Urban Field Ecology and Evolution

**Contact Hours:**

Lecture: 14 / Practical: 98

**Description:**

This course will introduce students to the fundamentals of urban ecology and evolution using the Greater Toronto Area as a model to study the topic. The course will focus on understanding how ecological and evolutionary processes are

influenced by urban development, human behaviour, and the built environment, and how the environment can feed back to shape cities and socio-ecology, including human behaviour and well-being. Students will be introduced to principles of the scientific process including making observations, stating hypotheses, experimental design, conducting experiments, data collection, statistical analysis and interpretation, and scientific writing and oral presentations. The course will focus on all major habitats in urban areas to understand how urban environmental change of air, water and land influence the ecology and evolution of populations, communities and ecosystems.

**Prerequisites:**

BIO152H5 and BIO153H5 and (BIO205H5 or BIO342H5) and (BIO259H5 or STA215H5)

**Topics Covered:**

Course will focus on understanding how ecological and evolutionary processes are influenced by urban development, human behaviour and built environment.

**Methods of Assessment:**

- Natural history collection - 10%
- Natural history observation and project proposal 15%
- Essay on applying of socio-eco-evolutionary research 15%
- Research project written report 40%
- Participation - 10%
- Research project oral presentation 10%

**Rationale:**

Most field courses are very expensive because of the travel and accommodation costs and the department would like to offer an affordable field course option to students. This course will take place in the Greater Toronto area and will provide students with a field course experience, who may not have the means for a more expensive field experience. There are also limited field courses in urban field ecology and evolution and we wanted to make this available to all students in the department. Many urban habitats are peaking in plant and insect diversity in mid-August, so this will be a two week summer field course. Sites will be visited using a combination of private transportation, public transit and contracted buses.

**Consultation:**

Biology Associate Chair, Biology Chair, Biology Curriculum Committee

**Resources:**

Field courses have additional health and safety challenges given the nature of field work. 2 TAs will help maximize support in achieving the course goals while maintaining safety.

## 12 Course Modifications:

BIO313H5: Field Methods and Experimental Design in Ecology

**Title:**

~~Field~~ Methods and Experimental Design in Ecology

**Prerequisites:**

**Previous:**(BIO205H5 or BIO259H5 or STA215H5 or PSY201H5) or equivalent \*PSY201H5 and STA215H5 will no longer be accepted as an appropriate prerequisite course AFTER 2022-2023 Academic year. Beginning 2023-2024 Academic year all students will be required to complete BIO259H5 as the prerequisite statistics course.

**New:** BIO205H5 or BIO259H5 or STA215H5 or PSY201H5 or equivalent.

**Rationale:**

The rationale for removing the work "field" from the title is that over the years the instructor has decided to allow students to also pursue lab based projects if that is their interest so the projects are not always in the field any longer. She also thinks "method" is broader and accurately reflects the range of projects that students pursue.

**Consultation:**

Prof. McMeans, BIO Curriculum Committee

**Resources:**

No additional resources

## BIO314H5: Laboratory in Cell and Molecular Biology

**Prerequisites:**

**Previous:** 2013-14 and prior: BIO215H5 and 2014-15 onward: BIO206H5

**New:** BIO206H5

**Rationale:**

Removing the note regarding BIO215 as this course has been retired for many years. The only prereq should be BIO206.

**Consultation:**

Bio Curriculum Committee

**Resources:**

No

## BIO315H5: Human Cell Biology

**Prerequisites:**

**Previous:** 2013-14 and prior: BIO206H5 and BIO207H5 and BIO215H5 and 2014-15 onward: BIO206H5 and BIO207H5 NOTE: BIO206H5 with NO practical component is not an acceptable pre-requisite for this course without BIO215H5.

**New:** BIO206H5 and BIO207H5

**Rationale:**

Removing the note regarding BIO215 as this course has been retired for many years. The only prereq should be BIO206 and BIO207.

**Consultation:**

Biology Curriculum Committee

## BIO326H5: Ornithology

**Rationale:**

The instructor for the course would like to add an optional international experience during reading week in October. Students will have the same assignment regardless of whether students travel or not. Depending on the option they choose, students will have the opportunity to participate in international partner interviews either in person or through the abroad trip. Students who remain on campus will have interaction with other global partners. The trip will be organized through the UTM International Education Centre.

**Consultation:**

Prof. Sanja Hinic-Frlog, Biology Curriculum Committee

**Resources:**

No new resources will be required. Optional abroad trip will be organized through the International Education Centre

## BIO341H5: Advanced Genetics

### Description:

The following topics are covered at an advanced level: extensions to Mendelian genetics, linkage and advanced mapping analyses, mutation, extrachromosomal inheritance, quantitative genetics, population and evolutionary genetics and genetics of behaviour. ~~{24L, 12T}~~

### Prerequisites:

**Previous:** 2013-14 and prior: BIO206H5 and BIO207H5 and BIO215H5 and 2014-15 onward: BIO206H5 and BIO207H5 NOTE: BIO206H5 with NO practical component is not an acceptable pre-requisite for this course without BIO215H5.

**New:** BIO206H5 and BIO207H5

### Rationale:

Removing the note regarding BIO215H5 as this course has been retired for many years. The only prereq should be BIO206H5 and BIO207H5

### Consultation:

Biology Curriculum Committee

## BIO356H5: Major Features of Vertebrate Evolution

### Recommended Preparation:

**Previous:** BIO259H5 or BIO360H5 or STA215H5

**New:**

### Rationale:

Instructor feels that the recommended prep courses are no longer relevant because he previously used a lot of modeling and phylogenetic analysis but no longer does this.

### Resources:

None.

## BIO370Y5: Microbiology

### Description:

In-depth discussion of bacterial structure and ultrastructure; physiology and nutrition; growth and cultivation; nature of viruses (bacteriophage and a limited survey of animal viruses and their properties); microbial genetics; immunology; the role of micro-organisms in medicine, industry, agriculture and ecology. ~~{48L, 72P}~~

### Prerequisites:

**Previous:** BIO206H5 and BIO207H5 and 2013-14 and prior: BIO206H5 and BIO207H5 and BIO215H5

**New:** BIO206H5 and BIO207H5

### Exclusions:

**Previous:**

**New:** BIO371H5

### Rationale:

The note regarding BIO215H5 and the course is no longer relevant as BIO215H5 has not been offered for many years. BIO371H5 was missed previously as an exclusion. BIO371H5 lectures are the same as BIO370H5, but BIO370H5 has labs.

### Consultation:

Biology Associate Chair, Biology Curriculum Committee

### Resources:

None

## BIO374H5: Modern Biotechnology

### Description:

This course is designed to introduce students to biotechnology and its applications in a variety of fields, including medicine, food & beverage, agriculture, forensics, fisheries and environmental protection. The course explores the principles and methods of genetic, tissue and organismal engineering involving species from bacteria to humans. The social and ethical issues associated with biotechnologies such as GMOs, stem cells and cloning will also be discussed. Topics include: Recombinant DNA Technology, Genomics & Bioinformatics, Protein Technology, Microbial Biotechnology, Plant Biotechnology, Animal Biotechnology, Forensic Biotechnology, Environmental Biotechnology, Aquatic Biotechnology, Medical Biotechnology, Biotechnology Regulations, and Careers in Biotechnology.

~~{36L}~~

### Prerequisites:

**Previous:** 2013-14 and prior: BIO215H5 and 2014-15 onward: BIO206H5

**New:** BIO206H5

### Rationale:

Removing the note regarding BIO215 as this course has been retired for many years. The only prereq should be BIO206H5.

### Consultation:

Instructor and BIO Curriculum Committee

### Resources:

No new resources needed

## HSC401H5: Health and Science Communication Design

### Description:

This course presents the principles of health and science communication and examines the characteristics of effective audience-specific media design. Included are issues of learning context, target audience analysis, and effective information design in the development of tools that communicate concepts to the general public. Students will analyze existing media, conduct an information needs assessment, and design an \*interactive learning tool\* on a current health or science-related topic. ~~{12L, 12S, 12P}~~

### Prerequisites:

HSC200H5 and one of the following courses: HSC300H5 or HSC301H5 or HSC302H5 or HSC307H5

### Rationale:

As the HSC 400 level courses had no prerequisites students were trying to complete this minor in one fall/winter term. Caps of these courses are small due to being in the MAC lab, so students were also encountering enrollment issues. We have introduced prerequisites to the 4th year courses in order to pace students through the program in a timely manner. It will also force students to plan enrollment into these courses as they plan enrolment for other Biology programs.

### Consultation:

Biology Curriculum Committee

### Resources:

No new resources

## HSC402H5: Digital Learning Environments in Biology and Health Science

### Description:

This course focuses on the design, development and evaluation of digital learning environments for biology and health sciences education. An overview of learning management systems, knowledge object design, collaborative knowledge building environments, simulations, tutorials, and games will be presented. Emerging communications technologies will be discussed in theory, explored through examples, and applied through prototype design.

{12L, 24P}

### Prerequisites:

**Previous:**(ANT101H5 or BIO152H5 or CCT260H5) and HSC200H5

**New:** HSC200H5 and one of the following courses:HSC300H5 or HSC301H5 or HSC302H5 or HSC307H5

### Corequisites:

**Previous:** None

**New:**

### Exclusions:

**Previous:** None

**New:**

### Recommended Preparation:

**Previous:** None

**New:**

### Rationale:

As the HSC 400 level courses had no prerequisites students were trying to complete this minor in one fall/winter term. Caps of these courses are small due to being in the MAC lab, so students were also encountering enrollment issues. We have introduced prerequisites to the 4th year courses in order to pace students through the program in a timely manner. It will also force students to plan enrollment into these courses as they plan enrollment for other Biology programs. The removal of ANT101H5 and CCT260H5 is clean up as these prereqs were options when the course was brought to the campus years ago and are no longer relevant. BIO152 is currently a prereq for HSC200 so this does not need to be listed.

### Consultation:

Dr.Brian Sutherland (instructor), Biology Curriculum Committee, Biomedical Director

### Resources:

No new resources needed

## HSC404H5: Advanced Visual Media for Anthropological Data

### Description:

This course examines the visual representation of physical evidence in archaeology, and physical/biological anthropology. Photography, traditional illustration, and digital rendering are used to produce scientific graphics in support of published research. Through practical and analytical exercises students will gain an understanding of the media and techniques used to visually represent data.

{12L, 24P}

### Prerequisites:

~~HSC200H5~~ and ~~(HSC200H5~~ ~~ANT200H5~~ and one of the following courses: HSC300H5 ~~ANT201H5)~~ or HSC301H5 or HSC302H5 or HSC307H5 (~~ANT202H5~~ and ~~ANT203H5)~~ or permission of instructor

## **BIO152H5**

### **Rationale:**

Removal on ANT courses is due to HSC courses no longer being listed in Forensic Anthro Spec although these students will be able to enrol with permission of instructor if need be. Listing BIO152 is not necessary as it is a prereq to HSC200.

### **Consultation:**

### **Resources:**

HSC405H5: Digital Forensic Facial Reconstruction

### **Prerequisites:**

**Previous:** 10.0 credits including ANT202H5 or ANT205H5 or(BIO208H5 and BIO209H5) or BIO210Y5

**New:** (HSC200H5 and one of the following courses:HSC300H5 or HSC301H5 or HSC302H5 or HSC307H5) or permission of instructor

### **Recommended Preparation:**

**Previous:** ANT334H5

**New:**

### **Rationale:**

The HSC 400 level courses had no prerequisites and therefore students were trying to complete this minor in one fall/winter term. Caps of these courses are small due to being in the MAC lab, so students were also encountering enrollment issues. We have introduced prerequisites to the 4th year courses in order to pace students through the program in a timely manner. It will also force students to plan enrollment into these courses as they plan enrollment for other Biology programs. Instructor has deleted BIO208 & BIO209 as prereqs as he now teaches the basics of anatomy/physiology for what is needed in the course. The ANT prereqs are no longer relevant.

### **Consultation:**

Prof. Marc Dryer, Biology Curriculum Committee, Biomedical Communications Director

### **Resources:**

No new resources required

## 10 Minor Program Modifications:

### Biology - Major (Science)

#### Completion Requirements:

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

1. BIO152H5, BIO153H5; CHM110H5, CHM120H5; (MAT132H5 and MAT134H5 \*) or MAT134Y5 or (MAT135H5 and MAT136H5) or MAT135Y5 or (MAT137H5 and MAT139H5) or MAT137Y5

\* **Note** - MAT132H5 and MAT134H5 - for Life Sciences is highly recommended.

2. BIO202H5, BIO203H5, BIO205H5, BIO206H5, BIO207H5, ; \* \* ~~BIO259H5 or PSY201H5 or STA215H5~~

~~\* \* PSY201H5 or STA215H5 will no longer be accepted as an appropriate courses for this program AFTER 2022-2023 Academic year. Beginning 2023-2024 Academic year all students will be required to complete BIO259H5 as the statistics course for this program. Students who plan to take BIO360H5 or who plan to transfer to a Biology Specialist program should enrol in BIO259H5.~~

3. 2.0 in UTM Biology courses at the 300 or 400 level.

#### NOTES

- 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 Biology Major or Biology Minor 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.

#### Description of Proposed Changes:

Removal of STA215H5 and PSY201H5

#### Rationale:

Removal of note regarding STA215H5 as the course will no longer be offered. BIO259H5 will replace STA215H5 and PSY201H5 for all BIO programs where stats is required.

#### Impact:

None students were notified of the stats change in summer of 2022

#### Consultation:

Biology Associate Chair, Biology Curriculum Committee

#### Resource Implications:

None

### Biology - Minor (Science)

#### Completion Requirements:

1. BIO152H5, BIO153H5



2. 1.0 credit ~~Two courses~~ from: BIO202H5, BIO203H5, BIO205H5, BIO206H5, BIO207H5, (~~BIO208H5, BIO209H5~~)
3. 2.0 additional Biology credits, at least 1.0 credit at the 300/400 level.

**NOTE:**

1. ~~Four of the six courses in requirement 2 (above) require CHM110H5, CHM120H5 as a pre-requisite.~~
2. ~~If BIO210Y5 is used to complete requirement #2 above, please note that this counts as ONE COURSE. Another course from the list must be completed to fulfill the program requirements.~~

**Rationale:**

BIO210Y5Y was a previous course option in REQ#2 for this program, but BIO210Y5Y was split into BIO208H5 & BIO209H5. As these two courses were replacing BIO210Y5Y, if students chose to complete these two courses for REQ#2 we were counting them as only one course, which meant they would need to complete one additional course to fulfill the requirement. Students have complained about this over the years as it can mean having to finish the program with 4.5 credits rather than 4.0 credits (depending on which courses you choose to complete REQ#2). This change will allow BIO208H5 and BIO209H5 to be counted individually and will also allow students to choose only one of the courses rather than having to complete both. All students will now complete the program with a minimum of 4.0 credits.

Biology - Specialist (Science)

**Completion Requirements:**

13.5 credits are required, including at least 6.0 credits at the 300/400 level, of which 1.0 credit must be at the 400 level.

**First Year:**

1. BIO152H5 and BIO153H5
2. CHM110H5 and CHM120H5
3. (MAT132H5 and MAT134H5) or MAT134Y5 or (MAT135H5 and MAT136H5) or MAT135Y5 or (MAT137H5 and MAT139H5) or MAT137Y5
4. 1.0 credit from: CLA201H5 or ENV100Y5 or (ERS101H5 or ERS120H5) or PHY136H5 or PHY137H5 or PSY100Y5 or WRI173H5 or WRI307H5

**Note** - (MAT132H5 and MAT134H5) - Calculus for Life Sciences is highly recommended.

**Second Year:**

1. BIO202H5 and BIO203H5 and BIO205H5 and BIO206H5 and BIO207H5 **and**
2. BIO259H5 ~~or STA215H5~~

~~\* STA215H5 will no longer be accepted as an appropriate course for this program AFTER 2022-2023 Academic year. Beginning 2023-2024 Academic year all students will be required to complete BIO259H5 as the statistics course for this program.~~

**Third and Fourth Years:**

1. BIO313H5 or BIO314H5 or BIO409H5
2. BIO360H5
3. 5.5 additional UTM BIO credits. At least 5.0 of these credits must be at the 300 level or above, of which at least 1.0 must be at the 400 level

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 or BIO312H5 or BIO313H5 **or** BIO329H5 **or** BIO330H5 **or** BIO331H5 **or** BIO333H5 **or** BIO373H5 **or** BIO376H5 **or** BIO378H5 **or** BIO412H5 **or** BIO416H5 **or** BIO444H5 **or** BIO464H5

- **Biology of Whole Organisms:** BIO325H5 or BIO326H5 or **BIO329H5** or BIO354H5 or BIO356H5 or BIO376H5 or BIO378H5
- **Genetics and Evolution:** **BIO329H5** or BIO341H5 or BIO342H5 or BIO347H5 or BIO407H5 or BIO422H5 or BIO427H5 or BIO443H5 or BIO445H5 or BIO464H5
- **Cell, Molecular and Developmental Biology:** BIO314H5 or BIO315H5 or BIO324H5 or BIO362H5 or (BIO370Y5 or BIO371H5) or **BIO368H5** or BIO372H5 or BIO374H5 or BIO375H5 or BIO380H5 or BIO404H5 or BIO407H5 or BIO408H5 or BIO417H5 or BIO419H5 or BIO422H5 or BIO458H5 or BIO475H5 or BIO476H5 or BIO477H5
- **Physiology and Behaviour:** (~~BIO208H5 or BIO209H5~~) or BIO304H5 or BIO310H5 or BIO312H5 or (BIO318Y5 or BIO328H5) or BIO320H5 or **BIO324** or BIO368H5 or BIO405H5 or BIO408H5 or BIO409H5 or BIO410H5 or BIO411H5 or BIO414H5 or BIO429H5 or BIO434H5

Up to 1.0 credit may be taken from the following biology-related courses: GGR227H5 or GGR305H5 or GGR307H5 or GGR309H5 or GGR311H5 or GGR312H5 or CHM347H5 or CHM361H5 or CHM362H5 or CHM372H5 or CHM373H5 or PHY332H5 or PHY333H5 or PSY290H5 or PSY355H5 or PSY357H5 or PSY392H5 or PSY395H5 or PSY397H5 or ANT334H5 or ANT336H5 or ANT340H5.

Additional courses: BIO361H5 or BIO400Y5 or BIO481Y5 or JCB487Y5

### Description of Proposed Changes:

#### Rationale:

Removal of note regarding STA215 as the course will no longer be offered in fall 2023 (BIO259 will replace STA215H5 and PSY201H5 for all BIO programs where stats is required). Addition of new optional courses BIO329 and BIO444H5 for program completion. Addition of other optional courses (BIO324 & BIO368) that were previously missed. We have removed BIO209H5 as an option as this was messing up the coding in Degree Explorer (students only have the option on completing 0.5 credit at the 200 level within the 5.5 required credits), so have decided just to list the one course at the 200 level.

#### Impact:

None students were notified of this as of summer 2022

#### Consultation:

BIO Assoc Chair, Biology Curriculum Committee

#### Resource Implications:

None

### Biology for Health Sciences - Major (Science)

#### Completion Requirements:

8.5 credits are required including at least 2.0 at the 300/400 level.

#### Program Requirements:

1. BIO152H5, BIO153H5; CHM110H5, CHM120H5; (MAT132H5 and MAT134H5 \*) or MAT134Y5 or (MAT135H5 and MAT136H5) or MAT135Y5 or (MAT137H5 and MAT139H5) or MAT137Y5

**\*Note:** MAT132H5 and MAT134H5 - for Life Sciences is highly recommended.

2. BIO202H5, BIO206H5, BIO207H5, BIO208H5, BIO209H5, **BIO259H5**, BIO304H5, BIO310H5, BIO380H5, (~~BIO259H5 or PSY201H5 or STA215H5~~) \* \*

\* \* Note: PSY201H5 or STA215H5 will no longer be accepted as appropriate courses for this program AFTER 2022-2023 Academic year. Beginning 2023-2024 Academic year all students will be required to complete BIO259H5 as the statistics course for this program. Students who plan to take BIO360H5 or who plan to transfer to a Biology Specialist program should enrol in BIO259H5.

3. 1.0 credit credits from any one of the courses listed below following lists:

**Cell, Molecular, and Biotechnology Stream:** BIO200H5, BIO314H5, BIO315H5, BIO324H5, BIO360H5, **BIO368H5**, BIO370Y5/BIO371H5, BIO372H5, BIO374H5, BIO375H5, BIO404H5, BIO417H5, BIO419H5, BIO422H5, BIO475H5, BIO476H5, BIO477H5; JBC472H5

**Neuroscience Stream:** BIO320H5, BIO360H5, BIO403H5, BIO408H5, BIO409H5, BIO411H5, BIO429H5

**Genes and Behaviour Stream:** BIO315H5, BIO318Y5/BIO328H5, **BIO329H5**, BIO341H5, BIO342H5, BIO347H5, BIO360H5, BIO361H5, ~~BIO368H5~~, BIO405H5, BIO407H5, BIO414H5, BIO422H5, BIO427H5, BIO443H5

## NOTES

- Completion of this program with another Biology Major or Biology Minor will not satisfy the 12.0 distinct credit requirement for degree completion. Students should be aware of the distinct credit requirement for their degree (see section 8.6 - HSc Degree Requirements for full details): ~~Completion of this program with another Biology Major or Biology Minor 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).~~

### Description of Proposed Changes:

Deletion of STA215 & PSY201. Addition of optional courses for program completion

### Rationale:

Removal of note and courses regarding STA215H5 and PSY201H5 as the STA215H5 course will no longer be offered. BIO259H5 will replace STA215H5 and PSY201H5 for all BIO programs where stats is required. Addition of new optional course BIO329H5 for program completion as well as BIO324H5 and BIO368H5 as optional courses that were missed previously.

### Consultation:

Biology Associate Chair, Biology Curriculum Committee

Biomedical Communications - Minor (Science)

### Enrolment Requirements:

**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 **BIO152H5, BIO153H5, HSC200H5 plus 2.5 additional 4.0** UTM credits before requesting this program.

**Note:** CGPA for enrolment in 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).

### Completion Requirements:

1. BIO152H5 and BIO153H5 and HSC200H5

2. 2.5 credits ~~1.0 credit~~ from the following of which at least 1.0 credit must be at the 400 level: HSC300H5 or HSC301H5 or HSC302H5 or HSC307H5 or

3. 1.5 credits from the following: HSC401H5 or HSC402H5 or HSC404H5 or HSC405H5 or HSC406H5

#### Description of Proposed Changes:

Changes are needed to pace students through program in a timely manner

#### Rationale:

Over the past few years we have found that students try to complete this minor in one fall/winter term because of the way students could request program entry, and also because the 400 level courses did not have any prereqs. We have added an additional course to the limited enrollment requirements as well as added prereqs to the 400 level courses, to ensure that students pace themselves through the program. This will also help with enrollment issues each year as course caps are small due to courses taking place in MAC lab. The required courses at the 400 level have changed from 1.5 to 1.0 due to us having a shortage on offering HSC courses at the 400 level.

#### Impact:

This should improve the way students pace themselves through this program and will force students to plan enrollment in the HSC courses.

#### Consultation:

Biomedical Communications Program Director, BIO Chair, BIO Curriculum Committee

### Biotechnology - Specialist (Science)

#### Completion Requirements:

15.0 credits are required, including at least 7.0 at the 300/400 level, of which 1.5 must be at the 400 level.

**First Year:** BIO152H5, BIO153H5; CHM110H5, CHM120H5; (MAT132H5 and MAT134H5 \*) or MAT134Y5 or (MAT135H5 and MAT136H5) or MAT135Y5 or (MAT137H5 and MAT139H5) or MAT137Y5; MGM101H5 \*\*, MGM102H5 \*\*

**\*Note** - (MAT132H5 and MAT134H5) or 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

**Second Year:** BIO200H5, BIO202H5/BIO203H5, BIO206H5, BIO207H5; CHM211H5, CHM242H5, CHM243H5; STA215H5 \*\*\*

\*\*\* STA215H5 will no longer be accepted as an appropriate course for this program AFTER 2022-2023 Academic year. Beginning 2023-2024 Academic year all students will be required to complete BIO259H5 as the statistics course for this program.

#### Third and Fourth Years:

1. BIO314H5, BIO315H5, BIO360H5, BIO370Y5, BIO372H5, BIO374H5; CHM311H5, CHM361H5; JBC472H5
2. 1.0 credit from: BIO304H5, BIO310H5, BIO312H5, BIO324H5, BIO341H5, BIO342H5, BIO347H5, BIO362H5, BIO368H5, BIO375H5, BIO380H5, BIO409H5, BIO429H5; CHM333H5 (note: CHM231H5 is prerequisite for this course), CHM341H5, CHM345H5, CHM347H5, CHM362H5, CHM372H5, CHM373H5
3. 1.0 credit from UTM CHM/BIO courses at the 400 level.

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 (CPS489Y5) 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.

**Rationale:**

Removal of note regarding STA215 as the course will no longer be offered. BIO259H5 will replace STA215H5 and PSY201H5 for all BIO programs where stats is required. Addition of new optional courses (BIO324 & BIO368) were previously missed so this is clean up. Removal of note regarding MGM course enrollment is no longer relevant, as the Management department is now allowing Life Science students to enroll into the courses prior to being enrolled in the program.

**Impact:**

None, students have been notified of the change in stats courses as of summer 2022.

**Consultation:**

Biology Assoc Chair, Biology Curriculum Committee

Comparative Physiology - Specialist (Science)

**Completion Requirements:**

14.5 credits are required, including at least 5.0 at the 300/400 level, of which 1.0 credit must be at the 400 level.

**First Year:**

1. BIO152H5 and BIO153H5
2. CHM110H5 and CHM120H5
3. (MAT132H5 and MAT134H5) or MAT134Y5 or (MAT135H5 and MAT136H5) or MAT135Y5 or (MAT137H5 and MAT139H5) or MAT137Y5
4. 1.0 credit from CLA201H5 or ENV100Y5 or ERS101H5 or PHY136H5 or PHY137H5 or PSY100Y5 or WRI173H5 or WRI307H5

Note: (MAT132H5 and MAT134H5) - Calculus for Life Sciences is highly recommended.

**Second Year:**

1. BIO202H5 and BIO203H5 and BIO205H5 and BIO206H5 and BIO207H5 and BIO208H5 and BIO209H5 and
2. BIO259H5 ~~or STA215H5~~

~~\* STA215H5 will no longer be accepted as an appropriate course for this program AFTER 2022-2023 Academic year. Beginning 2023-2024 Academic year all students will be required to complete BIO259H5 as the statistics course for this program.~~

**Third and Fourth Years:**

1. BIO304H5 and BIO310H5 and BIO312H5 and BIO360H5 and BIO409H5;
2. CHM242H5 and CHM243H5
3. At least 2.0 credits from: BIO320H5 or BIO347H5 or BIO354H5 or BIO361H5 or **BIO368H5** or BIO372H5 or BIO404H5 or BIO408H5 or BIO410H5 or BIO411H5 or BIO412H5 or BIO414H5 or BIO417H5 or BIO419H5 or BIO422H5 or BIO429H5 or BIO481Y5 or CHM361H5 or CHM362H5 or JCB487Y5 or PHY332H5 or PHY333H5 or PSY290H5 or PSY395H5
4. 1.0 additional BIO credit taken at U of T Mississauga campus

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.

**Rationale:**

Removal of note regarding STA215 as the course will no longer be offered. BIO259H5 will replace STA215H5 and PSY201H5 for all BIO programs where stats is required. Addition of new optional course BIO368H5 was missed previously.

## Ecology and Evolution - Specialist (Science)

**Completion Requirements:**

14.5 credits are required, including at least 6.0 credits at the 300/400 level, of which 1.0 credits must be at the 400 level.

**First Year:**

1. BIO152H5 and BIO153H5
2. CHM110H5 and CHM120H5
3. (MAT132H5 and MAT134H5) or MAT134Y5 or (MAT135H5 and MAT136H5) or MAT135Y5 or (MAT137H5 and MAT139H5) or MAT137Y5
4. 1.0 credit from: CLA201H5 or ENV100Y5 or ERS101H5 or PHY136H5 or PHY137H5 or PSY100Y5 or WRI173H5 or WRI307H5

Note: (MAT132H5 and MAT134H5) - Calculus for Life Sciences is highly recommended.

**Second Year:**

1. BIO202H5 and BIO203H5 and BIO205H5 and BIO206H5 and BIO207H5 and BIO259H5 ~~or STA215H5~~  
~~\* STA215H5 will no longer be accepted as an appropriate course for this program AFTER 2022-2023 Academic year. Beginning 2023-2024 Academic year all students will be required to complete BIO259H5 as the statistics course for this program.~~

**Third and Fourth Years:**

1. BIO313H5 and BIO342H5 and BIO360H5 and BIO443H5
2. 1.0 credit from courses in organismal biology: BIO325H5 or BIO326H5 or BIO339H5 or BIO354H5 or BIO356H5 or (BIO370Y5 or BIO371H5)
3. 0.5 credit from field courses: **BIO332H5** or BIO416H5 or **BIO444H5** other 2-week Ontario Universities Program in Field Biology (OUPFB) Courses
4. 2.0 credits from core ecology/evolutionary biology courses: BIO311H5 or **BIO329H5** or BIO330H5 or BIO331H5 or BIO333H5 or BIO341H5 or BIO361H5 or BIO373H5 or BIO376H5 or BIO378H5 or BIO406H5 or BIO427H5 or BIO445H5 or BIO464H5 or GGR312H5 or JBH471H5
5. 1.0 credit from other UTM biology courses at the 300/400 level.
6. 1.0 credit from related courses from other departments: MAT222H5 or MAT232H5 or STA302H5 or STA322H5 or GGR227H5 or GGR278H5 or GGR305H5 or GGR307H5 or GGR309H5 or GGR311H5 or from courses listed in #4, #5 and #6

**Rationale:**

Removal of note regarding STA215 as the course will no longer be offered. BIO259H5 will replace STA215H5 and PSY201H5 for all BIO programs where stats is required. Addition of new optional course BIO329 and BIO444H5 for program completion as well as BIO332H5 which might have been missed previously.

**Consultation:**

Biology Associate Chair, Biology Curriculum Committee

## Molecular Biology - Specialist (Science)

**Completion Requirements:**

15.0 credits are required.

**First Year:**

1. BIO152H5 and BIO153H5
2. CHM110H5 and CHM120H5

3. (MAT132H5 and MAT134H5) or MAT134Y5 or (MAT135H5 and MAT136H5) or MAT135Y5 or (MAT137H5 and MAT139H5) or MAT137Y5.
4. 1.0 credit from: CLA201H5 or ENV100Y5 or (ERS101H5 or ERS120H5) or PHY136H5 or PHY137H5 or PSY100Y5 or WRI173H5 or WRI307H5

Note: (MAT132H5 and MAT134H5) - Calculus for Life Sciences is highly recommended.

**Second Year:**

1. BIO206H5 and BIO207H5
2. ~~CHM242H5~~ and ~~CHM243H5~~
3. BIO259H5 ~~or STA215H5~~
4. 1.0 credit from BIO202H5 or BIO203H5 or BIO205H5
5. ~~CHM242H5~~ and ~~CHM243H5~~

~~\* STA215H5 will no longer be accepted as an appropriate course for this program AFTER 2022-2023 Academic year. Beginning 2023-2024 Academic year all students will be required to complete BIO259H5 as the statistics course for this program.~~

**Third Year:**

1. BIO314H5 and BIO315H5 and BIO342H5 and BIO360H5 and BIO370Y5 and BIO372H5
2. CHM361H5 and CHM362H5 and CHM372H5 and CHM373H5
3. 0.5 credit from BIO304H5 or BIO310H5 ~~or BIO324H5~~ or BIO341H5 or BIO347H5 or BIO362H5 or BIO368H5 or BIO374H5 or BIO375H5 or BIO380H5 or CHM347H5 or PHY332H5 or PHY333H5 or BCH335H1 or BCH340H1

**Fourth Year:**

1. BIO477H5 or BIO419H5\*\*
2. 1.0 credit from BIO403H5 or BIO407H5 or BIO408H5 or BIO411H5 or BIO417H5 or BIO419H5 or BIO422H5 or BIO429H5 or BIO443H5 or BIO458H5 or BIO476H5 or BIO477H5 or BIO481Y5 or BCH441H1 or CHM444H5 or CHM462H5 or CPS489Y5 or JBC472H5 or JCB487Y5 or JCP463H5 or CSB435H1 or CSB450H1 or CSB459H1 or CSB472H1 or CSB473H1 or CSB474H1 or CSB475H1 or MGY425H1 or MGY428H1 or MGY440H1 or MGY445H1 or MGY451H1 or MGY452H1 or MGY470H1 or MIJ485H1

\*\* Please note that both BIO477H5 and BIO419H5 can be taken, but each will be counted only once in the total 1.5 credits required in this section.

**Description of Proposed Changes:**

Removal of STA215, addition of BIO324 as course option which was missed previously.

**Rationale:**

Removal of note and course STA215H5 as the course will no longer be offered. BIO259H5 will replace STA215H5 and PSY201H5 for all BIO programs where stats is required. Addition of optional course BIO324H5 was previously missed.

**Consultation:**

Biology Associate Chair, Biology Curriculum Committee

Paleontology - Major (Science)

**Completion Requirements:**

**First Year:** BIO152H5, BIO153H5; CHM110H5, CHM120H5; (MAT132H5 and MAT134H5)\*or MAT134Y5 or (MAT135H5 and MAT136H5) or MAT135Y5 or (MAT137H5 and MAT139H5) or MAT137Y5; ENV100Y5/ERS101H5/ERS120H5/ERS111H5

**\*Note** - MAT132H5 and MAT134H5 - Calculus for Life Sciences is highly recommended.

**Second Year:** (BIO208H5, BIO209H5), ERS201H5, ERS202H5, ERS203H5; ESS261H1; **STA215H5**  
\* **STA215H5 will no longer be accepted as an appropriate course for this program AFTER 2022-2023 Academic year. Beginning 2023-2024 Academic year all students will be required to complete BIO259H5 as the statistics course for this program.**

**Third Year and Fourth Year:** ERS325H5; BIO354H5, BIO356H5, ESS331H1

**Description of Proposed Changes:**

Removal of STA215H5 and addition of BIO259H5

**Rationale:**

Removal of note regarding STA215H5 as the course will no longer be offered. BIO259H5 will replace STA215H5 and PSY201H5 for all BIO programs where stats is required. \*\*Please see note for formatting issues regarding other mentioned first year courses.

**Consultation:**

Biology Associate Chair, Biology Curriculum Committee

## Chemical and Physical Sciences (UTM), Department of

### 1 New Course:

CHM323H5: Introduction to Computational Chemistry

**Contact Hours:**

Lecture: 12 / Tutorial: 36

**Description:**

This course covers the foundations of computational chemistry with a focus on practical applications and does not require a background in programming or quantum mechanics. An array of methods for predicting the structural, electronic, thermodynamic, and spectroscopic properties of chemical species will be addressed, as well as how the calculated results can complement experimental observations. Relevant fundamental theories to computational chemistry will be covered on a need-to-know basis. Students will follow an individualized study path and select the chemical systems to which each method will be applied.

**Prerequisites:**

CHM243H5

**Recommended Preparation:**

CHM231H5 and JCP221H5

**Rationale:**

In accordance with the recommendation of the February 2017 external review of the CPS department, it is difficult to deny that computational methods are becoming increasingly important to all of the chemistry sub-disciplines. Numerical and computational methods are valuable skills to chemists, and in recent years have become a core part of the chemist's toolkit. The need for a dedicated computational chemistry course was raised by the CSC Accreditation Committee in May 2022. Examples of computational methods with direct relevance to chemistry in the CPS curriculum are currently limited, largely theoretical in nature, and are restricted to upper division JCP courses with extensive mathematics course pre-requisites. The only current chemistry degree program which requires 200-level MAT credits is the chemistry specialist, which may discourage students in chemistry major or biological chemistry specialist programs from developing numerical and computational skills at the undergraduate level.

This course would introduce computational chemistry and its applications to organic, inorganic, physical, analytical, and biological chemistry. Computational experiment modules would be designed to demonstrate particular methods and



techniques, but students could readily be given some freedom about which chemical systems of interest to apply those methods to. The course would be taught with a focus on practical application and would therefore not require prerequisites from quantum mechanics or advanced mathematics courses. Similar to the CHM371/2, 394/5, and 396/7, it is recommended that the course is offered at the 300-level so that the skills offered by the course could be available to students before beginning 4th-year thesis projects.

**Resources:**

The course would require a traditional lecture classroom for 1h per week, as well as an active learning classroom for 3h per week (ideally as a single 3-hour block). It is proposed that two different computational software packages be included in the course:

1. Spartan Student Edition: regular \$50 USD, with a tentative special pricing offer received at \$25 USD per license. Each student would require a license to be run on their own personal computer. This software is compatible with Mac, PC, and Linux operating systems.
2. Gaussian 16: CPS already has a Linux site license. This would rely on ongoing financial support for the CPS department research/teaching compute cluster.

A resource form will be submitted.

## 16 Course Modifications:

### AST110H5: Introduction to Astronomical Observations

**Description:**

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}~~

**Exclusions:**

**Previous:** AST326Y1

**New:**

**Rationale:**

The content of AST326Y1 is sufficiently distinct from AST110H5 that an exclusion is not necessary. Therefore removed AST325Y1 as an exclusion.

**Resources:**

None

### AST115H5: Cultural Astronomy

**Prerequisites:**

**Previous:** 4.0 full course credits

**New:**

**Exclusions:**

~~AST101H1~~ or AST101H5 or ~~AST121H1~~ or ~~AST201H1~~ or ~~AST101H1~~ ~~AST201H5~~ or AST215H5 or AST210H1 or ASTB03H3

**Rationale:**

The courses removed from the exclusions list have sufficiently distinct content that an exclusion is not necessary. The remaining courses focus on solar system/naked eye astronomy and astronomy from an historical perspective, so they

remain sufficiently similar that an exclusion is still merited. Also, the 4.0 credit requirement as pre-requisite is removed since this course changed from 200 level to 100 level.

**Consultation:**

**Resources:**

None

AST221H5: Astrophysics I – Planets, Sun and Stars

**Prerequisites:**

~~AST110H5~~ and [(MAT135H5 and MAT136H5) or (MAT137H5 and MAT139H5) or (MAT157H5 and MAT159H5) or MAT135Y5 or MAT137Y5 or MAT157Y5] and (PHY146H5 and PHY147H5)

**Rationale:**

Although AST110H5 is a major or specialist program requirement, the content from those courses is not assumed in AST221H5 or AST222H5, so the prerequisite requirement is unnecessary.

AST252H5: Life in the Universe

**Prerequisites:**

**Previous:** 0.5 credit from CHM110H5 or CHM120H5 or ERS101H5 or ERS111H5 or PHY136H5 or PHY137H5 or PHY146H5 or PHY147H5

**New:**

**Exclusions:**

**Previous:** AST221H1 or AST222H1 or AST251H1

**New:** AST251H1

**Rationale:**

Exclusion change: The material presented in AST252H5 is sufficiently different than material in AST221H1 and AST222H1, and should be available for students in the major and specialist programs. Furthermore, with the addition of AST221H5 and AST222H5 to the UTM course calendar, most astronomy students at UTM will no longer be taking AST221H1 or AST222H1 so these exclusions are no longer applicable.

Prerequisite change: Basic scientific and mathematical fluency is acceptable for this course. None of the actual material from any of these courses will be assumed. In removing the pre-requisite, we are opening the course for enrolment to all students interested to fulfil their science credit.

**Resources:**

None.

CHM311H5: Instrumental Analytical Chemistry

**Contact Hours:**

**Previous:** Lecture: 24 / Seminar: 12

**New:** Lecture: 36

**Description:**

Introduction to the basic theory and practice underlying important techniques in analytical chemistry, chosen from three major areas of instrumental analysis: spectroscopy, electrochemistry and separation science. Specific topics will include fluorescence spectroscopy, atomic spectroscopy, x-ray fluorescence, voltammetry, high resolution gas and liquid chromatography, mass spectrometry, and a brief introduction to computer applications, including Fourier transform methods. A problem-based approach will be used to explore these methods in a wide variety of practical applications, which will include individualized student assignments presentations.

**Rationale:**

Course enrolments in CHM311 have grown steadily over the past decade and are now approaching 100 students (course enrolment for the winter term offering is currently at 99 students). Student group presentations on topics associated with current research and developments in analytical chemistry have long been a part of this course in order to provide students with the opportunity to become more familiar with new developments and develop their presentation skills. Unfortunately, this is no longer tenable as the group sizes would be too large (> 8 students per group) for meaningful contribution to and participation in the presentations (typically 15 minutes in length, followed by 5 minutes for questions). As such, differentiated assignments will be introduced that will focus on recent developments with a focus on Science, Technology, Society and Environment (STSE) pedagogy. The differentiated assignments can be in written form (e.g. a 10 page report) or a 15 minute video presentation, consistent with Universal Design for Learning practices, to better allow students to demonstrate their knowledge in a motif that they feel will most effectively demonstrate their progress and empower them as self-directed learners. While the course instructor could handle the grading of presentations during class time, these STSE assignments will require additional marking support. The class time that was devoted to student presentations (seminar sessions) will be converted to regular lectures to provide more examples and improved communication of difficult concepts.

**Resources:**

Additional TA marking support will be requested. A resource form and a revised TA rationale will be submitted to the office of the Dean.

## CHM361H5: Structural Biochemistry

**Description:**

An introduction to the molecular anatomy and properties of the major cellular biomolecules: proteins, nucleic acids, carbohydrates and lipids. The course also covers the structural organization of membranes and **other macromolecular complexes nucleoproteins**. Enzyme mechanisms and membrane transport phenomena will be examined in the context of **quantitative analyses these processes and** of structure/function relationships. [~~24L, 12T~~]

**Rationale:**

The course description for CHM361 needs to change to reflect that we cover multiple macromolecular complexes in the course (and not just nucleoproteins). There is also a focus on quantitative aspects of enzyme and membrane transport kinetics (.e.g, how to determine and measure enzyme velocity, inhibition constants, etc).

**Resources:**

None.

## CHM372H5: Techniques in Biological Chemistry I

**Contact Hours:**

**Previous:** Practical: 48

**New:** Lecture: 12 / Practical: 48

**Description:**

The first in a sequence of two laboratory courses intended to complement CHM361H5 and CHM362H5. Experiments are designed to familiarize students with techniques commonly used to study the chemical and physical properties of biological molecules. Topics covered in the first half **also** include a wide range of chromatographic **methods**, and/or **fractionation methods to separate proteins the isolation and/or characterization of** subcellular organelles, **enzyme kinetics, electrophoresis to study proteins and their complexes. The theoretical basis for each experiment will be covered in a 1-hour lecture each week.**

**Prerequisites:**

**Previous:**

**New:** CHM243H5

**Rationale:**

Rationale for change in Course in description: The course description for CHM372H5 needs to change to reflect the types of experiments performed. Experiments in CHM372H5 expose students to new and modern protein biochemistry techniques. They also prepare students for the work they will do in CHM373H5.

We are also indicating that CHM243 as a pre-requisite to the course. CHM361, a co-requisite of the course, has CHM243 as a pre-requisite.

Rationale for change in Instruction hours: The course will include a 1h lecture, given by the Professor, each week. The 1h lecture will cover the background into each technique used in the lab, as well as related protocols. Additionally, the lecture will cover aspects of scientific writing. There is not enough time in a 15min-20min pre-laboratory talk by the TAs to cover these topics, as well as go through laboratory procedures. There should be one lecture section for all students.

**Resources:**

Classroom Requirement: One large lecture theatre that can accommodate ~150 students, the historical cap, is needed for each week. Additionally, the lecture should be scheduled in the morning to not conflict with labs in the afternoon. Ideally, the lecture should be at the beginning of the week to prepare students for the following week (a lecture on Thursday or Friday does not give laboratory sections on Monday or Tuesday adequate preparation time).

Additional TA Budget: We are also requesting a cap on the student to TA ratio to 20:1 or 30:2. Currently, there are up to 30 students in each section and 1 TA (for a 30:1 ratio). This makes it difficult for the teaching team (TA and instructor) to be able to interact with each student group, which may hinder students in performing the experiments and thereby obtaining the laboratory skills needed to complete the learning outcomes in their programs.

Additionally, a high student-to-TA ratio makes it impossible to implement modern-day advanced biochemistry labs, some of which use sophisticated instrumentation (e.g., fluorescence experiments). Further a 30:1 student-to-TA ratio is significantly higher than any other advanced laboratory course in CPS (18:1 for CHM396 and CHM397; ~16:1 for CHM394 and CHM395) and for advanced laboratory courses in BIO (24:1). The lower student-to-TA ratio of 20:1 or 30:2 means that that additional TA budget will be required to run the practical sections. Resource form and a revised TA rationale will be submitted to the Office of the Dean.

## CHM373H5: Techniques in Biological Chemistry II

**Contact Hours:**

**Previous:** Practical: 48

**New:** Lecture: 12 / Practical: 48

**Description:**

The second in a sequence of two laboratory courses intended to complement CHM361H5 and CHM362H5. CHM373H5 carries on from CHM372H5 with a particular emphasis on protein purification, enzyme kinetics and protein characterization (e.g., kinetics, reactions, binding, depending on the protein studied). Techniques covered include classic biochemical techniques used in studying proteins and protein complexes, such as chromatography and fluorescence methods. The theoretical basis for each experiment will be covered in a 1-hour lecture each week.

**Rationale:**

Rationale for change in Course in description: The course description for CHM373H5 needs to change to reflect new and modern protein biochemistry experiments being implemented in the laboratory. Thus, the course description has changed to reflect that this lab course covers methods aimed at characterizing proteins and protein complexes using both classic and new types of biochemical methods.

Rationale for change in Instruction hours: The course will include a 1h lecture, given by the Professor, each week. The 1h lecture will cover the background into each technique used in the lab, as well as related protocols. Additionally, the lecture will cover aspects of scientific writing. There is not enough time in a 15min-20min pre-laboratory talk by the TAs to cover these topics, as well as go through laboratory procedures. There should be one lecture section for all students.

**Resources:**

Classroom Requirement: One large lecture theatre that can accommodate ~120 students, the historical cap, is needed for each week. Additionally, the lecture should be scheduled in the morning to not conflict with labs in the afternoon. Ideally, the lecture should be at the beginning of the week to prepare students for the following week (a lecture on Thursday or Friday does not give laboratory sections on Monday or Tuesday adequate preparation time).

Additional TA Budget: We are also requesting a cap on the student to TA ratio to 20:1 or 30:2. Currently, there are up to 30 students in each section and 1 TA (for a 30:1 ratio). This makes it difficult for the teaching team (TA and instructor) to be able to interact with each student group, which makes it difficult for students performing the experiments and thereby obtaining the laboratory skills needed to complete the learning outcomes in their programs.

Additionally, a high student-to-TA ratio makes it impossible to implement modern-day advanced biochemistry labs, some of which use sophisticated instrumentation (e.g., fluorescence experiments). Further a 30:1 student-to-TA ratio is significantly higher than any other advanced laboratory course in CPS (18:1 for CHM396 and CHM397; ~16:1 for CHM394 and CHM395) and for advanced laboratory courses in BIO (24:1).

The lower student-to-TA ratio of 20:1 or 30:2 means that that additional TA budget will be required to run the practical sections. Resource form and a revised TA rationale will be submitted to the Office of the Dean.

#### CPS489Y5: Introduction to Research in the Chemical and Physical Sciences

**Prerequisites:**

(2.0 credits at the 300 level from BIO or CHM or JBC or JCP or ERS or ESS or PHY) and (1.0 credit from BIO206H5 or BIO314H5 or CHM372H5 or CHM373H5 or CHM394H5 or CHM395H5 or CHM396H5 or CHM397H5 or ERS201H5 or ERS202H5 or PHY324H5 or PHY347H5 or JCP321H5 or JCP322H5 or PHY325H5 or PHY332H5 or PHY333H5 or PHY343H5 or PHY351H5)

**Rationale:**

To increase options for students and avoid any accidental barriers to students engaging in physics research we have removed the specific physics course requirement and now allow more 300-level course from JCP/PHY.

**Resources:**

None.

#### ERS411H5: Paleobiology

**Contact Hours:**

**Previous:** Lecture: 36

**New:** Practical: 36

**Rationale:**

ERS411H5 is currently a 3-hour lecture-only course driven by the instructor. RS411 will be modified to a 3-hour hands-on experiential learning practical (flipped classroom).

The class will include a one-hour introduction to the topic as a series of student public lectures, followed by a 1-hour deep dive paper discussion led by students, and capped off by a 1-hour research breakdown where students discuss with the TA and Instructor about the progress made on their research topic that week (the main deliverable from this class is a fully fleshed out research proposal). Two of the three hours will involve skills training/practice and discipline/research topic discussions with the professor and a TA. The TA support for the in-class discussions, and for providing feedback on the assignments (the flipped classroom results in students working on their own and bringing in their work for consultation in class), has become essential to ensure proper pedagogical best practices are employed.

**Resources:**

This will include the addition of a TA in the class. I am requesting 1hr a week for in-class discussions, 1 hr a week for out of class office hours, and 2 hours a week for assignments. In order to improve writing skills, students will be allowed to resubmit all written assignments multiple times for writing support and directed feedback. My experience has been that this level of feedback is beyond what can be expected from the RGASC, and students have found it difficult to manage without TA support. Total 4 x 12 = 48 hours of additional TA support.

A resource form/ revised TA rationale form will be submitted to the Office of the Dean.

#### JCP410H5: Modelling of Biochemical Systems

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Online

**Rationale:**

See OBD Proposal submission.

**Resources:**

None.

#### PHY146H5: Principles of Physics I

**Description:**

**Previous:** The first physics course is for students intending to pursue any of the Physics or Astronomy programs and highly recommended for some of the other programs in the Department of Chemical and Physical Sciences. This course provides a rigorous introduction to the concepts, approaches and tools that physicists use to describe the physical world through the study of classical and modern mechanics. Topics include mathematical physics, kinematics and dynamics as well as conservation laws for energy and momentum. Special relativity will be introduced as a topic that successfully addresses problems that arose in classical mechanics.

**New:** Physics is the scientific study of the laws governing all forms of matter and energy, from sub-atomic particles to stars and galaxies. The goal of physics is to develop physical laws based upon the results of experimental inquiry, and usually expressed in the language of mathematics, to predict phenomena within our natural world. This first course in classical physics is intended for students pursuing any of the Physics or Astronomy programs, although it is highly recommended for anyone in the Sciences. Topics include Newton's Laws of motion, conservation of energy and momentum, inertia, circular motion, simple harmonic motion, waves and vibrations, thermal motion, and more.

**Corequisites:**

~~(MAT135H5 and MAT136H5)~~ or ~~(MAT137H5 and MAT139H5)~~ or ~~(MAT135Y5 or MAT157H5 MAT137Y5)~~

**Rationale:**

Changes to course description to reflect the content of the course more accurately.

MAT135Y5, MAT157Y are no longer in the calendar and have been split up into two half courses to give students more flexibility. Additionally, there is a new MAT137 calculus course. The corequisites have been updated accordingly.

#### PHY147H5: Principles of Physics II

**Prerequisites:**

PHY146H5 or PHY136H5 (minimum grade of 80%) and [MAT135H5 or MAT137H5 or MAT157H5]

**Corequisites:**

~~(MAT135H5 and MAT136H5)~~ or ~~(MAT137H5 and MAT139H5)~~ or ~~(MAT135Y5 or MAT159H5 MAT137Y5)~~

**Rationale:**

MAT135Y5, MAT157Y are no longer in the calendar and have been split up into two half courses to give students more flexibility. Additionally, there is a new MAT137H5+MAT139H5 calculus course. The pre/corequisites have been updated accordingly. Our students are now required to have passed the first calculus course (derivatives) and have to take the second calculus course (integrals) concurrently with our second year physics course.

## PHY241H5: Electromagnetism

### Description:

Topics in electricity and magnetism, beginning with vector analysis and culminating in Maxwell's equations. Electric fields and Gauss' law, conductors, capacitors and dielectrics. Magnetic fields, magnetic materials and devices, induction and Faraday's law. Maxwell's equations and electromagnetic waves are introduced.

~~{24L, 16P, 8T}~~

### Prerequisites:

[(PHY146H5 or PHY136H5 ~~(minimum grade of 80%)~~) and (PHY147H5 or PHY137H5 ~~(minimum grade of 80%)~~)] and [(MAT135H5 and MAT136H5) or (MAT137H5 and MAT139H5) or (MAT157H5 and MAT159H5) or MAT135Y5 or MAT137Y5 or MAT157Y5]

### Corequisites:

**Previous:**

**New:** MAT232H5

### Rationale:

Multivariable calculus is an integral part of this course and many upper year courses. We are thus introducing MAT232 as an explicit instead of hidden requirement. We are also eliminating the minimum grade requirement to be consistent with the minor in physics program requirements. We are also adding the newly introduced MAT157H5 and MAT159H5 as allowed pre-req to reflect the retirement of MAT159Y5.

### Consultation:

MCS consulted

## PHY245H5: Vibrations and Waves

### Prerequisites:

[(PHY146H5 or PHY136H5 ~~(minimum grade of 80%)~~) and (PHY147H5 or PHY137H5 ~~(minimum grade of 80%)~~)] and [[(MAT135H5 and MAT136H5) or (MAT137H5 or MAT157H5) and (MAT136H5 or MAT139H5 or MAT159H5)] or (MAT135Y5 or MAT137Y5 or MAT157Y5)]

### Corequisites:

**Previous:**

**New:** MAT244H5

### Rationale:

Differential Equations are an integral part of this course and many upper year courses. We are thus introducing MAT244H5 as an explicit instead of hidden requirement. We are also eliminating the minimum grade requirement to be consistent with the minor in physics program requirements. We are also adding the newly introduced MAT157H5 and MAT159H5 as allowed prerequisite to reflect the retirement of MAT159Y5.

### Consultation:

MCS consulted

## PHY325H5: Mathematical and Computational Physics

### Description:

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]~~

### Prerequisites:

PHY241H5 and PHY245H5 and ~~JCP221H5~~ and ~~JCP265H5~~ and MAT232H5 and MAT244H5

### Rationale:

We are adding the relevant mathematics courses as explicit prerequisites. These mathematics courses are already introduced as corequisites of PHY241H5 and PHY245H5 (see above) and added here to ensure that students actually passed the mathematical courses. In the past these courses were strongly recommended but not required. We have found that students who had not taken them struggled to succeed in this course.

### Consultation:

MCS Consulted

### Resources:

None.



## 5 Minor Program Modifications

### Biophysics - Specialist (Science)

#### Title:

Biophysics ~~Biomedical Physics~~ - Specialist(Science)

#### Enrolment Requirements:

**Limited Enrolment** – Enrolment in this program is based on completion of 4.0 credits, including:

1. PHY146H5 (with a minimum grade of 65%) or PHY136H5 (with a minimum grade of 80%);
2. PHY147H5 (with a minimum grade of 65%) or PHY137H5 (with a minimum grade of 80%); and
3. [(MAT132H5 ~~and MAT134H5 (minimum grade of 65% in MAT134H5)~~) or (MAT135H5 or MAT137H5 or MAT157H5) and ~~MAT136H5 (MAT134H5 or minimum grade of 65% in MAT136H5)~~] or (MAT137H5 and MAT139H5) or (MAT157H5 and MAT159H5) or ~~MAT134Y5 (minimum grade of 65%)~~] or MAT135Y5 (minimum grade of 65%) or MAT137Y5 or MAT157Y5
4. A minimum CGPA of 2.5

#### Completion Requirements:

14.0 credits are required.

##### First Year:

1. (PHY146H5 and PHY147H5) or (PHY136H5 and PHY137H5)
2. BIO152H5
3. CHM110H5 and CHM120H5
4. [(MAT132H5 or MAT135H5 ~~and MAT136H5~~) or (MAT137H5 ~~and MAT139H5~~) or (MAT157H5) and (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5)] or MAT135Y5 or MAT137Y5 or MAT157Y5
5. ISP100H5

##### Second Year:

1. PHY241H5 and PHY245H5 and PHY255H5
2. JCP221H5 and JCP265H5
3. ~~MAT223H5 and MAT232H5 and (MAT212H5 or MAT244H5 or STA256H5)~~
4. BIO206H5

##### Third Year:

1. PHY324H5 ~~and PHY325H5~~ and PHY332H5 and PHY333H5 and PHY347H5
2. JCP321H5 and JCP322H5
3. BIO314H5 or PHY325H5

##### Fourth Year:

1. ~~PHY426H5 and PHY451H5 and JCP421H5~~
2. [(PHY426H5 or PHY433H5 or JCP463H5) and JCP421H5
2. 1.0 credit from PHY473H5] or JCP410H5 or JCP422H5 ~~PHY489Y5~~ or CPS489Y5 or CPS400Y5 or JCB487Y5 or PHY399Y5

#### NOTES:

1. At least 65% mark in PHY146H5 and PHY147H5
2. At least 80% in PHY136H5 and PHY137H5

#### Description of Proposed Changes:

- We are changing the name of the specialist program from Biomedical Physics Specialist to Biophysics Specialist.
- We are removing MAT132H5 and MAT134H5 as accepted program entry requirements and MAT134Y5, MAT135Y5, MAT157Y are no longer in the calendar

- The first year calculus courses MAT135Y5, MAT157Y are no longer in the calendar and have been split up into half courses to give students more flexibility.
- For second year - Removed MAT232H5, MAT215H5 AND STA256H5 from 2nd year courses
- For third year - added BIO31H5 OR PHY325H5 as optional courses
- For Fourth Year - changed the grouping

**Rationale:**

This change reflects better the nature of the program which has only a minor connection to medical questions. We are removing MAT132H5 and MAT134H5 as accepted program requirements because these math courses are geared towards the life sciences and do not provide a through enough preparation for our upper year physics courses. MAT134Y5, MAT135Y5, MAT157Y are no longer in the calendar and have been split up into two half courses to give students more flexibility. Our students will have to choose one of these three advanced level calculus courses. We are changing the mathematical course requirements in the second year to better reflect the actual mathematics used in our program. A thorough mathematical understanding of differential equations is required of our specialist students to succeed in our upper year courses. We have thus made MAT244 a compulsory requirement without alternative options. We have removed STA256. This reflects that probability and statistics is not a core requirement for our program (while undoubtedly useful). MAT212 is a previous course on differential equations geared toward life sciences that is no longer in the calendar and has been removed. In addition to the MAT232 requirement which is kept as before, we also require MAT223 (linear algebra) to better prepare our specialist students for success in their upper year courses.

To better reflect that some of our students want to deepen their experimental knowledge of biology we have removed the requirement for our students to take the theoretical course PHY325 on Mathematical and Computational Physics and have made it optional such that students can instead BIO314 (Laboratory in Cell and Molecular Biology) which is a basic experimental course in cell and molecular biology. This opens the possibility for our students to deepen their experimental and biological understanding while keeping the necessary mathematical requirements for everyone through the explicit second year math requirements.

The PHY433 and JCP463 courses are grouped with PHY426 and to be offered as an alternative. This grouping better separates lecture-based courses from experiential learning courses. Two courses: JCP410H5 and JCP422 are added to the program and can be combined with PHY473 to have a choice of theory/reading based courses, or lab based experiential learning courses.

**Impact:**

No impact on other units implications because the specialist program is very small and MAT223 was already strongly recommended before this change to make it an explicit requirement.

**Consultation:**

Biology and MCS Units were consulted

Chemistry - Specialist (Science)

**Completion Requirements:**

13.5 ~~13.0~~ ~~13.5~~ credits are required.

**First Year:**

1. CHM110H5 and CHM120H5
2. (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 ~~MAT137~~ and MAT139H5 ~~MAT139~~) or (MAT157H5 ~~MAT157~~ and MAT159H5 ~~MAT159~~) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5
3. (PHY136H5 and PHY137H5) or (PHY146H5 and PHY147H5)
4. ~~For students entering the program in 2023-2024 (and beyond):~~ ISP100H5

**Second Year:**

1. CHM211H5 and CHM231H5 and CHM242H5 and CHM243H5

2. JCP221H5
3. ~~MAT212H5~~ or MAT232H5

**Third Year:**

1. CHM311H5 and CHM331H5 and CHM361H5 and CHM394H5 and CHM396H5
2. CHM341H5 or CHM345H5
3. JCP321H5

**Fourth Year:**

1. (CHM395H5 and CHM397H5) or CHM399Y5 or CHM489Y5 or CPS489Y5 or CPS400Y5 or CPS401Y5 or JCB487Y5
2. 1.5 credits lecture courses from: CHM412H5 or CHM414H5 or CHM416H5 or CHM436H5 or CHM442H5 or CHM444H5 or CHM462H5 or JCP421H5 or JCP422H5 or JCP410H5 or JCP463H5
3. 1.0 credit from: CHM333H5 or CHM341H5 or CHM345H5 or CHM347H5 or CHM362H5 or CHM372H or CHM373H5 or CHM395H or CHM397H5 or CHM412H5 or CHM414H5 or CHM416H5 or CHM436H5 or CHM442H5 or CHM444H5 or CHM462H5 or CHM485H5 or CPS398H5 or FSC311H5 or JCP321H5 or JCP322H5 or JCP410H5 or JCP421H5 or JCP422H5 or JCP463H5

**Description of Proposed Changes:**

Removed MAT212H5 as an option since the course has been deleted by MCS. Next year CPS will look into including another MATH optional course

**Rationale:**

Clean-up - Removed MAT212H5 as an option since the course has been deleted by MCS

Earth Science - Major (Science)

**Completion Requirements:**

8.5 ~~8.0~~ 8.5 credits are required, including at least 3.0 at the 300/400 level.

**First Year:**

1. ERS101H5 or ERS111H5 or ENV100Y5
2. ISP100H5
3. (MAT132H5 and MAT134H5) or (MAT135H5 and ~~or~~ MAT136H5) or (MAT137H5 and MAT139H5) or MAT134Y5 or MAT135Y5 or MAT137Y5
4. (CHM110H5 and CHM120H5) or (PHY136H5 and PHY137H5) or (PHY146H5 and PHY147H5)

**Second Year:**

1. ERS201H5 and ERS202H5 and ERS203H5
2. 0.5 credit from ERS211H5 or ERS225H5 or GGR214H5 or GGR217H5 or GGR227H5 or GGR272H5 or GGR276H5 or GGR278H5

**Higher Years:** 3.0 additional credits at the 300/400 level from ERS301H5 or ERS302H5 or ERS303H5 or ERS304H5 or ERS311H5 or ERS312H5 or ERS315H5 or ERS325H5 or ERS381H5 or ERS401H5 or ERS402H5 or ERS403H5 or ERS404H5 or ERS411H5 or ERS412H5 or ERS425H5 or PHY351H5 or JGE378H5 or CPS400Y5.

**NOTE:** GGR272H5 is a prerequisite for GGR278H5.

**Description of Proposed Changes:**

A typo was noticed under the first year listing of the courses MAT135 or MAT136H5 should read as MAT135 and MAT136H5

**Rationale:**

Correction of typo - MAT135 or MAT136H5 should read as MAT135 and MAT136H5

Physics - Major (Science)

**Enrolment Requirements:**

**Limited Enrolment** – Enrolment in this program is based on completion of 4.0 credits, including:

- ONE of the following:
- PHY146H5 (~~with a minimum grade of 60%~~) and PHY147H5 (with a minimum grade of 60%)
- PHY136H5 (~~with a minimum grade of 80%~~) and PHY137H5 (with a minimum grade of 80%)
- [(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 and MAT139H5) or (MAT157H5) and (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5)] ~~or MAT134Y5~~ or MAT135Y5 or MAT137Y5 or MAT157Y5

**Completion Requirements:**

8.5 credits are required.

**First Year:**

1. (PHY146H5 and PHY147H5) or (PHY136H5 or PHY137H5)
2. [(MAT132H5 or MAT135H5 and MAT136H5) or (MAT137H5 and MAT139H5) or (MAT157H5) and (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5)] or MAT135Y5 or MAT137Y5 or MAT157Y5
3. ISP100H5

**Second Year:**

1. PHY241H5 and PHY245H5
2. JCP221H5
3. MAT232H5 and MAT244H5 ~~JCP265H5~~

**Third & Fourth Years:**

3.5 credits from the following list of courses PHY324H5, and PHY325H5, PHY332H5, PHY333H5, and PHY343H5, and PHY347H5, PHY351H5, PHY399Y5, and PHY451H5, JCP265h5 and JCP321H5, and JCP322H5, and JCP421H5

**NOTES:**

1. At least 60% mark in PHY146H5 and PHY147H5
2. At least 80% in PHY136H5 and PHY137H5

**Description of Proposed Changes:**

From Entry requirement - Minimum grade requirements in PHY146 and PHY136 are removed; removed MAT132H5 and MAT134H5 as accepted program entry requirements

From second year courses - The course JCP265 is substituted with MAT232 and MAT244

Third & Fourth Years - We provided the students with more flexibility in their choices for the 300/400 level courses.

Notes updated

**Rationale:**

Minimum grade requirements in PHY146 and PHY136 are removed so that students can show their proficiency by passing the minimum grade requirements in the subsequent courses PHY147 and PHY137. The students who showed low scores in PHY136 or PHY146 will now have an opportunity to improve their grade in the second semester. We are removing MAT132H5 and MAT134H5 as accepted program requirements because these math courses are geared towards the life sciences and do not provide a through enough preparation for our upper year physics courses. MAT134Y5, MAT135Y5, MAT157Y are no longer in the calendar and have been split up into two half courses to give students more flexibility. Our students will have to choose one of these three advanced level calculus courses.

We are removing ISP100 from the first-year requirements because it is not a technical pre-requisite for success in our second-year physics courses. This offers students flexibility in when they take this course due to the number of

requirements in first year. Writing is important in the research-based courses taken in 3rd and 4th year. The course JCP265 is substituted with MAT232 and MAT244 to explicitly reflect the course prerequisites in the program and to improve the student learning experience. JCP265 is removed as a required course in order to offer students increased flexibility in their course selection. This change is made in combination with the increased flexibility in the course choice at the 300/400 level.

We provide the students with more flexibility in their choices for the 300/400 level courses. We additionally allow JCP265 to be used for third year credits to reduce the course load in the second year. The noted minimum grade requirement in PHY146 and PHY136 is removed. It is enough to have the minimum grade requirements for PHY147 and PHY137. The students who showed low scores in PHY136 or PHY146 will have an opportunity to improve their grade in the second semester and show their proficiency of the material.

#### Consultation:

MCS Consulted for the second year MATH courses

### Physics - Minor (Science)

#### Enrolment Requirements:

**Limited Enrolment** — Enrolment in this program is based on completion of 4.0 credits including:

1. (PHY146H5 ~~(minimum grade of 60%)~~) and PHY147H5 ~~(minimum grade of 60%)~~); or (PHY136H5 ~~(with a minimum grade of 80%)~~) and PHY137H5 ~~(with a minimum grade of 80%)~~)
2. [(MAT132H5 ~~and MAT134H5~~) or (MAT135H5 ~~and MAT136H5~~) or (MAT137H5 ~~and MAT139H5~~) or (MAT157H5) and (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5)] ~~or MAT134Y5~~ or MAT135Y5 or MAT137Y5 or MAT157Y5

#### Completion Requirements:

5.0 ~~4.0~~ credits are required including at least 1.5 credits at the 300/400 level. Please note that a number of these courses have MAT pre-requisites and/or co-requisites.

**First Year:** [(PHY146H5 and PHY147H5) or (PHY136H5 and PHY137H5)] and [(MAT132H5 or MAT135H5 or MAT137H5 or MAT157H5) and (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5)] or MAT135Y5 or MAT137Y5 or MAT157Y5]

#### Second Year:

1.5 credits from: PHY241H5, PHY242H5, ~~and~~ PHY245H5, PHY255H5, PHY299Y5, JCP221H5, ~~and~~ JCP265H5.

#### Higher Years:

1.5 credits from: JCP321H5, JCP322H5, JCP410H5, JCP421H5, JCP422H5, JCP463H5, PHY324H5, PHY325H5, PHY332H5, PHY333H5, PHY343H5, PHY347H5, PHY351H5, PHY399Y5, PHY426H5, PHY433H5, PHY451H5, PHY473H5.

#### NOTES:

1. ~~At least 60% mark in PHY146H5 and PHY147H5~~
2. ~~At least 80% in PHY136H5 and PHY137H5~~
3. Not all 300 and 400 level courses are offered every year. Please check the course timetable carefully each academic year.
4. Check all prerequisites and corequisites when registering for 200+ level courses.

#### Description of Proposed Changes:

For Entry Requirements: The minimum grade requirements for PHY136/7 and PHY146/7 are removed; We are removing MAT132H5 and MAT134H5 as accepted program requirements  
for Second year - more optional courses are included  
for Higher years - more optional courses are included

**Rationale:**

The minimum grade requirements for PHY136/7 and PHY146/7 are removed in order to allow students who struggled in their first year to make up for it in their second year.

We are removing MAT132H5 and MAT134H5 as accepted program requirements because these math courses are geared towards the life sciences and do not provide a through enough preparation for our upper year physics courses. MAT134Y5, MAT135Y5, MAT157Y are no longer in the calendar and have been split up into two half courses to give students more flexibility. Our students will have to choose one of these three advanced level calculus courses.

Specific second year courses are removed and replaced with any 1.5 credits in 200-level JCP/courses. This change is made in combination with the increased flexibility in the course choice at the 300/400 level and we also provided the students with more flexibility in their choices for the 300/400 level courses.

## Geography, Geomatics and Environment (UTM), Department of

### 5 Course Modifications:

#### ENV100Y5: The Environment

**Description:**

This introductory environmental science course examines large-scale features of Earth, natural hazards, Earth's climate and weather systems, energy and mineral resources, human population growth, extinction and biodiversity, environmental toxins, vanishing soils and expanding deserts, forests, urban environmental management, and food resources. Interdisciplinary interaction among Science, Social Science, and Humanities is a major theme. ~~[724]~~

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Online

**Rationale:**

See SCI OBD Proposal Report.

#### ENV496H5: Restoration Ecology II

**Description:**

The follow-up course to Restoration Ecology I, ENV496H5 ~~ENV496~~ will build on its theoretical foundations to focus on student involvement in a variety of restoration projects planned or underway by Credit Valley Conservation and other groups in Mississauga and the greater Credit Valley watershed. The emphasis here is on planning and implementation of restoration projects; good scientific design; understanding policies and procedures; identifying and working with stakeholders, etc. Occasional field exercises may be scheduled during regular class meeting times.

**Prerequisites:**

14.0 credits including ENV495H5 ~~or permission of instructor~~

**Rationale:**

Instructor would like to remove PI from prerequisite.

**Resources:**

None.

## GGR335H5: Remote Sensing Applications

### **Prerequisites:**

8.5 credits and (~~GGR272H5~~ or GGR276H5 or GGR278H5 or GGR337H5)

### **Rationale:**

updated prerequisites to reflect requirements course content.

### **Resources:**

None.

## GGR442H5: GIS Capstone Project

### **Prerequisites:**

{12.0 credits including (~~and~~ GGR276H5 or STA256H5) and GGR278H5 and (1.0 credit from GGR321H5 or GGR335H5 or GGR337H5 or GGR376H5 or GGR382H5 or GGR463H5) and (~~1.0 credit from GGR311H5 or GGR370H5 or GGR372H5 or GGR384H5 or GGR437H5 or GGR440H5~~)} or permission of ~~instructor. instructor.~~

### **Rationale:**

we are removing the additional 1.0 credit requirement since many of these courses are offered on rotation and therefore not offered every year. Students struggle to meet this part of the prerequisite.

### **Consultation:**

### **Resources:**

None.

## JGE378H5: Natural Hazards

### **Description:**

Earth is a dangerous place and risk is an inherent feature of life on this planet. Some of the events and processes that we call "hazardous," such as earthquakes, volcanic eruptions, floods, tsunamis, cyclones, and forest fires are natural environmental processes. We define them as hazards only when they pose a threat to human interests. In this course we will examine natural hazards as well as some technological hazards, their causes, their potential impacts on people, and their management and mitigation. ~~{24L, 12T}~~

### **Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Online

### **Rationale:**

See OBD Proposal submission

## 4 Minor Program Modifications:

### Environmental Science - Major (Science)

#### Enrolment Requirements:

**Limited Enrolment** - — Enrolment in this program is limited to students who have completed ENV100Y5 with a mark of 63% or higher.

#### Completion Requirements:

8.0 credits are required, of which at least 2.0 must be at the 300-400 level.

#### First Year: 3.0 credits:

- **Environment Foundation:** ENV100Y5
- **Quantitative and Basic Science Foundation:** 2.0 credits from ANT101H5 or BIO152H5 or BIO153H5 or CHM110H5 or CHM120H5 or ERS101H5 or GGR112H5 or ISP130H5 or (MAT132H5 ~~or MAT134H5~~ or MAT135H5 ~~or MAT137H5 or MAT157H5~~) or (MAT134H5 or MAT136H5 ~~or MAT139H5 or MAT159H5~~) or MAT137Y5 or PHY136H5 or PHY137H5 or PHY146H5 or PHY147H5

*Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.*

#### Second Year: 2.5 credits

- **Environmental Management Core:** ENV201H5
- **Life Sciences Core:** 0.5 credit from ~~BIO201H5~~ ~~or~~ BIO205H5 ~~or~~ ~~BIO211H5~~ or GGR227H5
- **Physical Geographical and Earth Sciences Core:** 1.0 credit from CHM211H5 or CHM231H5 or CHM242H5 or ERS201H5 or ERS202H5 or ERS203H5 or GGR201H5 or GGR214H5 or GGR217H5 or JCP221H5
- **Quantitative, Digital, and Analytical Methods Core:** 0.5 credit from BIO360H5 or BIO361H5 or CHM211H5 or GGR276H5 or GGR278H5 ~~or~~ ~~STA215H5~~ or STA220H5 or STA221H5

#### Upper Years: 2.5 credits

- **Environmental Science Perspectives:** ENV330H5
- **Field, Project-Based, Experiential, and Research Perspectives:** 0.5 credit from BIO416H5 or CPS401Y5 or ENV299Y5 or ENV399Y5 or ENV496H5 or ENV497H5 or ERS325H5 or GGR335H5 or GGR379H5 or JEG400Y5 or JEG417Y5
- **Biogeochemical Perspectives:** 1.0 credit from BIO311H5 or BIO331H5 or BIO333H5 or ENV495H5 or ENV496H5 or ERS312H5 or ERS315H5 or ERS412H5 or GGR304H5 or GGR305H5 or GGR307H5 or GGR309H5 or GGR311H5 or GGR315H5 or GGR316H5 or GGR317H5 or GGR337H5 or GGR338H5 or GGR372H5 or GGR374H5 or GGR375H5 or GGR376H5 or GGR377H5 or GGR383H5 or GGR384H5 or GGR404H5 or GGR406H5 or GGR407H5 or GGR440H5 or GGR479H5 or GGR484H5
- **Social, Economic & Policy Perspectives:** 0.5 credit from ANT357H5 or ANT368H5 or ANT370H5 or BIO464H5 or ECO373Y5 or ~~ENV305H5~~ ~~ENV310H5~~ or ENV311H5 or ENV320H5 or ENV393H5 or ENV425H5 or ENV430H5 ~~or~~ ~~ENV435H5~~ or GGR322H5 or GGR325H5 or GGR329H5 or GGR333H5 or GGR348H5 or GGR349H5 or GGR353H5 or GGR361H5 or GGR362H5 or GGR365H5 or GGR370H5 or GGR415H5 or GGR419H5 or GGR420H5 or JEP351H5 or JEP356H5 or JEP452H5 or JEG378H5 or JPE251H5 or JPE252H5 or POL343Y5 or POL346Y5 or POL475H5 or SOC349H5 or SOC356H5 or SOC465H5 or 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.



**Description of Proposed Changes:**

STA215H5 is being retired. Updated program to reflect this change. Add new Math half credit course codes

**Rationale:**

STA215H5 is being retired. Updated program to reflect this change.

Updating to include new MATH course codes MAT137H5 & MAT139H5 grouping MAT courses (MAT132/135/137/157) (MAT134/136/139/159). Removing BIO201/211 from options since these courses are intended for non-science students.

**Environmental Science - Specialist (Science)****Enrolment Requirements:**

**Limited Enrolment** - — Enrolment in this program is limited to students who have completed ENV100Y5 with a mark of 65% or higher, and who have a CGPA of at least 2.0.

**Completion Requirements:**

12.0 credits are required, of which at least 4.0 credits must be at the 300-400 level, including at least 1.0 credit at the 400 level.

**First Year: 4.0 credits:**

- **Environment Foundation:** ENV100Y5
- **Quantitative and Basic Scientific Foundation:** 3.0 credits from ANT101H5 or BIO152H5 or BIO153H5 or CHM110H5 or CHM120H5 or CSC108H5 or CSC148H5 or ERS101H5 or GGR112H5 or ISP130H5 or (MAT132H5 ~~or MAT134H5~~ or MAT135H5 ~~or MAT137H5~~ or MAT157H5) or (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5) or MAT137Y5 or PHY136H5 or PHY137H5 or PHY146H5 or PHY147H5

Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.

**Second Year: 4.0 credits:**

- **Environmental Management Core:** ENV201H5
- **Life Science Core:** 1.0 credit from ~~BIO201H5~~ or BIO205H5 and ~~or BIO211H5~~ or GGR227H5
- **Physical Geographical and Earth Science Core:** 1.5 credits from CHM211H5 or CHM231H5 or CHM242H5 or GGR201H5 or GGR214H5 or GGR217H5 or ERS201H5 or ERS202H5 or ERS203H5 or JCP221H5
- **Quantitative, Digital, and Analytical Methods Core:** 1.0 credit from BIO360H5 or BIO361H5 or CHM211H5 or GGR276H5 or GGR278H5 ~~or STA215H5~~ or STA220H5 or STA221H5

**Upper Years: 4.0 credits:**

- **Environmental Science Perspective:** ENV330H5
- **Field, Project-based, Experiential, and Research Perspectives:** 1.5 credits from BIO416H5 or CPS401Y5 or ENV299Y5 or ENV399Y5 or ENV496H5 or ENV497H5 or ERS325H5 or GGR335H5 or GGR379H5 or JEG400Y5 or JEG417Y5
- **Biogeochemical Perspectives:** 1.0 credit from BIO311H5 or BIO331H5 or BIO333H5 or BIO373H5 or BIO406H5 or ENV495H5 or ENV496H5 or ERS312H5 or ERS315H5 or ERS412H5 or GGR304H5 or GGR305H5 or GGR307H5 or GGR309H5 or GGR311H5 or GGR315H5 or GGR316H5 or GGR317H5 or GGR337H5 or GGR338H5 or GGR372H5 or GGR374H5 or GGR375H5 or GGR376H5 or GGR377H5 or GGR383H5 or GGR384H5 or GGR404H5 or GGR406H5 or GGR407H5 or GGR440H5 or GGR479H5 or GGR484H5
- **Environmental Management Perspectives:** 0.5 credit from BIO464H5 ~~or ENV305H5~~ or ~~ENV310H5~~ or ENV311H5 or ENV320H5 or ENV393H5 or ENV425H5 or ENV430H5 or JEP452H5
- **Social, Economic and Policy Perspectives:** 0.5 credit from ANT357H5 or ANT368H5 or ANT370H5 or ECO373Y5 or ~~ENV305H5~~ ~~ENV310H5~~ or ENV311H5 or ENV320H5 or ENV393H5 or ENV425H5 or



**Description of Proposed Changes:**

updated course list to include MATH new half credit courses

**Rationale:**

updated course list to reflect changes made to MAT137Y5

## Geography - Specialist (Science)

**Enrolment Requirements:**

**Limited Enrolment** - — Enrolment in this program is limited to students who have completed GGR111H5 and GGR112H5 and a Cumulative Grade Point Average of 2.7(B-) in 2nd year program courses.

**Completion Requirements:**

12.0 credits and 8 Field Days are required.

**First Year: 3.0 credits:**

- GGR111H5 and GGR112H5
- 2.0 credits from BIO152H5 or BIO153H5 or CHM110H5 or CHM120H5 or ERS101H5 or ISP130H5 or (MAT132H5 or ~~MAT134H5~~ or MAT135H5 or MAT137H5 or MAT157H5) or (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5) or MAT137Y5 or PHY100H5 or PHY136H5 or PHY137H5

**Second Year: 3.0 credits:**

- GGR276H5 and GGR278H5
- 1.5 credits from GGR201H5 or GGR214H5 or GGR217H5 or GGR227H5
- 0.5 credit from GGR202H5 or GGR207H5 or GGR208H5 or GGR209H5 or GGR210H5 or GGR265H5 or GGR288H5

**Third Year: 4.5 credits:**

- 3.5 credits from GGR304H5 or GGR305H5 or GGR307H5 or GGR309H5 or GGR315H5 or GGR316H5 or GGR317H5 or GGR338H5 or GGR374H5 or GGR377H5 or GGR379H5 or GGR383H5 or GGR384H5 or JGE378H5
- 1.0 credit from the list above or from the following: GGR311H5 or GGR312H5 or GGR321H5 or GGR322H5 or GGR335H5 or GGR337H5 or GGR372H5 or GGR375H5 or GGR376H5

**Fourth Year: 1.5 credit:**

- GGR417Y5 or JEG400Y5
- 0.5 credit from GGR404H5 or GGR406H5 or GGR407H5 or GGR479H5 or GGR484H5

**Field Days: 8 days**

Eight days accumulated either through a geography field course or through geography courses with field day components as indicated in course descriptions.

**ROP/Project courses: Maximum 2.0 credits**

Students may take no more than 2.0 credits combined in ROP, individual project courses, or thesis courses at the 300/400 level for credit toward a Geography Specialist program.

**Description of Proposed Changes:**

updated course list to include MATH new half credit courses

**Rationale:**

updated course list to reflect changes made to MAT137Y5

**Resource Implications:**

None.

## Language Studies (UTM), Department of

### 2 New Courses:

JLP285H5: Language, Mind, & Brain

**Contact Hours:**

Lecture: 36

**Description:**

Language is often described as a quintessentially human trait. What is the mental machinery underlying this ability? In this course, you will explore questions such as: Do animals have language? How do children learn language? How do we understand and produce language in real time? How does bilingualism work? What can neuroscience tell us about language abilities? What is the relationship between language and thinking?

**Prerequisites:**

(LIN101H5 and LIN102H5) OR PSY100Y5

**Exclusions:**

JLP374H1, PLIC55H3, PSY374H5

**Rationale:**

There is substantial overlap between two courses currently taught in Language Studies (LIN288H5, Introduction to Psycholinguistics and Language Acquisition) and Psychology (PSY274H5, Language, Mind, and Brain). This JLP course will allow students in either department to take a common course that highlights the interdisciplinarity of the language sciences. It also adds an additional instructor (Emily Atkinson, LIN), which would make it possible to offer the course more regularly. For example, neither of the courses it is replacing were taught in the 2021-2022 academic year. This JLP course will replace the current above mentioned LIN and PSY courses, which will be deleted next year following approval of this JLP course. In the meantime, this course (JLP285) and the courses that it is replacing will never be offered in the same year. Additionally, this course will serve as an entry point to a suite of JLP courses at the 300- and 400-level that have been or will be proposed (to date: JLP384H5, JLP388H5, JLP481H5).

JLP285H5 will be taught as 36L with integrated interactive discussion, and will require grader support.

**Consultation:**

Extensive consultation has taken place with the curriculum committees in both departments who approve this addition.

**Resources:**

Resource Implication Form submitted.

JLP483H5: Topics in Adult Psycholinguistics

**Contact Hours:**

Lecture: 36

**Description:**

What is the connection between comprehending, producing, and thinking about language? How do the properties of different languages influence the nature of language processing? How is processing affected by differences across individuals? Drawing on a variety of perspective and methodologies, we will explore contemporary issues and debates in these and other topics.

**Prerequisites:**

(LIN288H5 or PSY274H5 or JLP285H5) and 1.0 credit from the following list: (PSY315H5 or JLP315H5) or (PSY374H5 or JLP383H5) or (PSY384H5 or JFL388H5 or JLP388H5) or (LIN318H5 or LIN418H5) or JLP3XXH5 or JLP4XXH5.

**Rationale:**

Linguistics and Psychology overlap significantly in the area of language processing. With the significant overlap in research interests among certain faculty working in the LIN and PSY programs, this JLP course will allow students from both programs/departments to take an interdisciplinary capstone course, showcasing the fruitful research that obtains in this field, a course, which, if offered jointly, could be offered more frequently (by at least 2 faculty in rotation), giving students more flexibility to take the course in a year that works best for them. Courses with psycholinguistic content are in demand in both departments.

This course will serve as an additional option at the 400-level for students interested in the suite of JLP courses that have been or will be proposed (to date: JLP384H5, JLP388H5, JLP481H5; to be proposed: JLP285H5, JLP383H5, JLP315H5). Prerequisites will be simplified in the future when the original PSY and LIN courses have been deleted from the course list as they are replaced with the new JLP courses.

# Mathematical and Computational Sciences (UTM), Department of

## 1 New Course:

### CSC389H5: Computing Education

**Contact Hours:**

Lecture: 24 / Tutorial: 12

**Description:**

Introduction to computing education research (CER) and pedagogical content knowledge. Introduction to learning theories and their application to computing. Foundational and influential CER work. High-impact practices and practical applications to evaluation, assessment, and feedback. This course is writing intensive.

**Prerequisites:**

Permission of the instructor and 1.0 CSC credit at the 200 level

**Rationale:**

U of T is well-positioned to offer a course on computing education because of (a) a strong contingent of active researchers in computing education and (b) opportunities for students to connect their course work to practical application as a TA in the third and fourth year. This course cannot be offered in most computer science departments, but it is beneficial to students interested in graduate studies and to those interested in developing their abilities as teachers or technical trainers.

**Resources:**

None.

## 32 Course Modifications:

### CSC311H5: Introduction to Machine Learning

**Contact Hours:**

**Previous:** Lecture: 24 / Tutorial: 12

**New:** Lecture: 24 / Practical: 12

**Rationale:**

change TUT to PRA. We would like to run the tutorial in the lab now because this course has a computational component of machine learning that we have found works well with students exploring in the labs.

**Resources:**

Lab usage has been occurring in course during Fall 2022, so no lab hours will be added.

### MAT134H5: Integral Calculus for Life Sciences

**Description:**

**Continuation of MAT132H5.** 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.

**Rationale:**

A note is added to the course description to more clearly indicate which calculus courses are of the same type.  
Rationale: There are now many 100-level calculus courses and indicating which calculus courses are of the same type may help students plan their enrollments. Impact: None.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

MAT136H5: Integral Calculus

**Description:**

**Continuation of MAT135H5.** 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.

**Rationale:**

A note is added to the course description to more clearly indicate which calculus courses are of the same type.  
Rationale: There are now many 100-level calculus courses and indicating which calculus courses are of the same type may help students plan their enrollments. Impact: None.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

MAT139H5: Integral Calculus for Mathematical Sciences

**Description:**

**Continuation of MAT137H5.** A conceptual sequel to MAT137H5. Integration, the fundamental theorem of calculus, sequences and series, power series and Taylor's theorem. Applications typically include approximation, integration techniques, areas and volumes.

**Rationale:**

A note is added to the course description to more clearly indicate which calculus courses are of the same type.  
Rationale: There are now many 100-level calculus courses and indicating which calculus courses are of the same type may help students plan their enrollments. Impact: None.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

MAT159H5: Analysis II

**Description:**

**Continuation of MAT157H5.** A rigorous and proof-intensive sequel to MAT157H5 for students with a serious interest in mathematics. Topics typically include sequences, series, and integration of single variable real-valued functions.

**Rationale:**

A note is added to the course description to more clearly indicate which calculus courses are of the same type.  
Rationale: There are now many 100-level calculus courses and indicating which calculus courses are of the same type may help students plan their enrollments. Impact: None.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

## MAT223H5: Linear Algebra I

**Contact Hours:**

**Previous:** Lecture: 39 / Tutorial: 12

**New:** Lecture: 40 / Tutorial: 12

**Exclusions:**

MAT223H1 or MATA22H3 or MATA23H3 or MAT240H1 or MAT240H5

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Hybrid

**Rationale:**

See OBD Proposal submission.

## MAT236H5: Vector Calculus

**Description:**

~~(Formerly MAT368H5)~~ The implicit function theorem, vector fields. Transformations. Parametrized integrals. Line, surface and volume integrals. Theorems of Gauss and Stokes with applications. ~~{36L, 12T}~~

**Enrolment Limits:**

Priority is given to students enrolled in ~~the~~ Mathematics, Computer Science and Statistics Specialist or Major programs; Astronomical Sciences Specialist (ERSPE1025) and Astronomy Major (ERMAJ2204) programs.

**Rationale:**

(a) Removing a reference to course code change made in 2013.

(b) Adding Astronomy Programs to priority enrollments. MAT236H5 is required for AST. Currently, AST students are not able to enroll while there is still space. The wording is similar to the MAT244H5 enrollment controls. Rationale: (a) Bookkeeping. The course code changed more than 5 years ago.

Impact: (a) None. (b) Astronomy students will have a better chance of enrolling before the course is full, but the total number of students will not change.

**Consultation:**

Met with Vice Chair, Associate Chairs on Sept 22-23; further finalization/review of changes with Associate Chairs on Sept 26-27, 2022.

## MAT244H5: Differential Equations I

**Description:**

~~(Formerly MAT242H5)~~ Ordinary differential equations of the first and second order, existence and uniqueness; solutions by series and integrals; linear systems of first order; linearization of non-linear systems. Applications in life and physical sciences. Power series solutions, boundary value problems, Fourier series solutions, numerical methods.

**Enrolment Limits:**



Priority is given to students enrolled in ~~the~~ Mathematics, Computer Science and Statistics Specialist or Major programs; Astronomical Sciences Specialist(ERSPE1025), Astronomy Major (ERMAJ2204), **Biophysics Biomedical Physics** Specialist (ERSPE1944), and **Physics Major (ERMAJ1944)**.

**Rationale:**

(a) Removing a reference to course code change made in 2013. (b) Adding the Physics Major to priority enrollment.

Rationale: (a) Bookkeeping. The course code changed more than 5 years ago. (b) CPS is making changes to make MAT244H5 a required course for the Physics Major. Adding the program to the priority enrollments will allow student to enroll before the course is full.

Impact: (a) None. (b) Physics Major students will have a better chance of enrolling before the course is full, but the total number of students will not change.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

### MAT257Y5: Analysis III

**Description:**

A rigorous and proof-intensive course in multivariable calculus for students with a serious interest in mathematics. Topology of metric spaces; compactness, functions and continuity, the extreme value theorem. Derivatives; inverse and implicit function theorems, maxima and minima. Integration; Fubini's theorem, partitions of unity, change of variables. Integration on manifolds; Stokes' theorem. **Note: MAT257Y5 will be accepted anywhere where MAT232H5 or MAT236H5 are accepted.**

**Rationale:**

Removing an old note from when the course was new. Rationale: We have now made the changes needed to prerequisites and program requirements to indicate where MAT257Y5 is accepted. Impact: None.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

### MAT307H5: Curves and Surfaces

**Prerequisites:**

[(MAT224H5 or MAT240H5) and (MAT232H5 or MAT233H5)]or MAT257Y5

**Exclusions:**

MAT363H1 or MAT367H1or MATC63H3 or MATD26H3 or MATD67H3

**Rationale:**

Adding MAT233H5 as an option to replace MAT232H5. Rationale: MAT233H5 and MAT232H5 are interchangeable in all other prerequisites for MAT courses, so this change aligns with other courses. Impact: Students who took MAT233H5 will now be able to take MAT307H5.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

## MAT309H5: Introduction to Mathematical Logic

### Prerequisites:

MAT257Y5 or [MAT236H5 and (MAT202H5 or MAT224H5 or MAT240H5) and ~~at least~~ 0.5 additional MAT credit of MAT at the 300+ level]

### Rationale:

Changed to align with similar language in other 300/400 level MAT courses. Impact: none

### Consultation:

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

## MAT311H5: Partial Differential Equations

### Enrolment Limits:

Priority is given to students enrolled in ~~the~~ Mathematics, Computer Science and ~~or~~ Statistics Specialist or Major programs; Astronomical Sciences Specialist (ERSPE1025), Astronomy Major (ERMAJ2204).

~~programs.~~

### Rationale:

Adding Astronomy Programs to priority enrollments. Rationale: MAT311H5 is required for AST. Currently, AST students are not able to enroll while there is still space. Impact: Astronomy students will have a better chance of enrolling before the course is full, but the total number of students will not change.

### Consultation:

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

## MAT322H5: Mathematical Modelling in Biology

### Description:

The course will serve as an introduction to mathematical modelling of biological processes. It will cover a selection of the following topics: Difference equations and applications. Linear differential equations and systems; phase plane analysis; nonlinear systems of differential equations and linearization; Poincaré-Bendixson Theorem. Applications of differential equations to biology, including a logistic population with harvesting; predator-prey model; competing species; epidemic models. Examples of partial differential equations; reaction-diffusion equation; pattern formation. ~~[36L, 12T]~~

### Prerequisites:

MAT102H5 and (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5 or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or MAT233H5) and (MAT223H5 or MAT240H5)

### Exclusions:

MAT388H5 (Fall 2019 and Fall 2020) or MAT244H5 or MAT244H1 or MATB44H3. or MATC58H3 ~~MATB44H3.~~

### Mode of Delivery:

**Previous:** In Class

**New:** In Class; Online

### Rationale:

Pre-requisite change: An attempt was made to enter this pre-req change in CM in April 2022 (for May meeting) but due to pending OBD proposal for same course, it was not possible. Some dialogue was exchanged in April 2022 with Yen Du; follow up email 20-Sep-22 asking if it will be possible to enter this change for Oct 2022 meeting.

Pre-req did not appear to keep pace with split of MAT134Y5, MAT135Y5; also need to ensure correct H courses included with 2023-24 split of MAT137Y5 and MAT157Y5.

Exclusions change: MAT322H5 had been offered as topic course MAT388H5 in Fall 2019 and Fall 2020 only. MATC58H3 is equivalent to MAT322H5. MAT322H5 was offered as MAT388H5 in Fall 2019 and Fall 2020.

See OBD Proposal for additional details.

#### MAT334H5: Complex Variables

##### **Prerequisites:**

MAT257Y5 or [(MAT232H5 or MAT233H5) and (MAT202H5 or MAT240H5 or **at least** 0.5 **additional** credit of MAT at the 300+ level with a mark of at least 60%)]

##### **Enrolment Limits:**

Priority is given to students enrolled in ~~the~~ Mathematics, Computer Science and ~~or~~ Statistics Specialist or Major programs; Astronomical Sciences Specialist (ERSPE1025), Astronomy Major (ERMAJ2204). ~~programs.~~

##### **Rationale:**

(a) Changed to align with similar language in other 300/400 level MAT courses. (b) Adding Astronomy Programs to priority enrollments. Rationale: (b) MAT334H5 is required for AST. Currently, AST students are not able to enroll while there is still space. Impact: (a) None (b) Astronomy students will have a better chance of enrolling before the course is full, but the total number of students will not change.

##### **Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

#### MAT397H5: Further Studies in Mathematics

##### **Enrolment Limits:**

Priority is given to students enrolled in the Mathematics ~~or~~ Statistics Specialist or Major programs.

##### **Rationale:**

Removing Statistics Programs from priority enrollment. Rationale: It was noted that Statistics is not included in priority groups on online timetable. There should be alignment between Academic Calendar and TT. Giving priority to Mathematics students only, is preferred. Impact: None.

##### **Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

#### MAT398H5: Further Studies in Mathematics

##### **Enrolment Limits:**

Priority is given to students enrolled in ~~the~~ Mathematics ~~or~~ Statistics Specialist or Major ~~programs.~~ **programs**

##### **Rationale:**

Removing Statistics Programs from priority enrollment. Rationale: It was noted that Statistics is not included in priority groups on online timetable. There should be alignment between Academic Calendar and TT. Giving priority to Mathematics students only, is preferred. Impact: None.

##### **Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

#### MAT402H5: Classical Geometries

**Prerequisites:**

MAT102H5 and (MAT232H5 or MAT233H5 or MAT257Y5) and (MAT224H5 or MAT240H5) and 0.5 additional credit of ~~at least one~~ MAT ~~half-course~~ at the 300+ level.

**Rationale:**

Changed to align with similar language in other 300/400 level MAT courses. Impact: none

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

#### MAT405H5: Introduction to Topology

**Prerequisites:**

MAT257Y5 or [(MAT224H5 or MAT240H5) and MAT236H5 and at least 0.5 additional credit of MAT at the 300+ level with a mark of at least 65%]

**Recommended Preparation:**

MAT337H5 ~~or MAT378H5~~

**Rationale:**

(a) Changed to align with similar language in other 300/400 level MAT courses. (b) Removing the course code of a retired course as recommended preparation.

Rationale: (a) See above. (b) There is no course with course code MAT378H5, so referring to it as recommended preparation may be unclear to students. Impact: None.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

#### MAT406H5: Mathematical Introduction to Game Theory

**Prerequisites:**

MAT102H5 and (MAT223H5 or MAT240H5) and (STA246H5 or STA256H5)

**Rationale:**

Adding STA246H5 as an alternative prerequisite to STA256H5. Rationale: STA246H5 is a new course that is intended for CS students. STA246H5 is less advanced than STA256H5, but STA246H5 provides enough statistical background for MAT406H5. Several CS students may want to take MAT406H5. Impact: CSC students who completed STA246H5 will be able to take MAT406H5.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

## MAT497H5: Further Studies in Mathematics

### **Enrolment Limits:**

Priority is given to students enrolled in the Mathematics ~~or Statistics~~ Specialist or Major programs.

### **Rationale:**

Removing Statistics Programs from priority enrollment. Rationale: It was noted that Statistics is not included in priority groups on online timetable. There should be alignment between Academic Calendar and TT. Giving priority to Mathematics students only, is preferred. Impact: None.

### **Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

## STA246H5: Computational Probability and Statistics

### **Contact Hours:**

**Previous: Lecture: 36 / Tutorial: 12**

**New: Lecture: 36 / Practical: 12**

### **Mode of Delivery:**

**Previous: In Class**

**New:**

### **Rationale:**

Brief description: This change requested by D. Zingaro in early September 2022 because lab rooms would be used in instruction. Such a change would align with Dean's Office expectations of lab usage. Impact: Lab usage has been occurring in initial session/term course was offered (Fall 2022), so no lab hours will be added.

### **Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

## STA256H5: Probability and Statistics I

### **Description:**

This course covers probability including its role in statistical modeling. Topics include probability distributions, expectation, ~~continuous and~~ discrete ~~and continuous~~ random variables and vectors, distribution functions, ~~distributions of functions of random variables, limit theorems,- Basic limiting results and the central limit theorem normal distribution presented with a view to their applications in statistics.~~

### **Mode of Delivery:**

**Previous: In Class**

**New:**

### **Rationale:**

Updating course descriptions to better align with the actual topics covered, and to be consistent from one term/session to another even with changes in teaching assignments. To reflect what exactly should be covered in these courses and to avoid any significant overlap between courses.

### **Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

## STA258H5: Statistics with Applied Probability

### Description:

A survey of statistical methodology with emphasis on the relationship between data analysis and probability theory. Topics covered include descriptive statistics, limit theorems, sampling distribution, point and interval estimation ~~both classical and bootstrap~~, hypothesis testing ~~both classical and bootstrap~~, ~~permutation tests~~, contingency tables and count data. A statistical computer package will be used.

### Exclusions:

ECO227Y5 or STA248H1 or STA255H1 ~~or ECO227Y5~~

### Mode of Delivery:

**Previous:** In Class

**New:**

### Rationale:

Updating course descriptions to better align with the actual topics covered, and to be consistent from one term/session to another even with changes in teaching assignments. Rationale: To reflect what exactly should be covered in these courses and to avoid any significant overlap between courses.

### Consultation:

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

### Resources:

None.

## STA260H5: Probability and Statistics II

### Description:

A sequel to STA256H5 ~~introducing~~ ~~giving an introduction to~~ current statistical theory and methodology. Topics include: ~~Sampling distributions, point estimation, confidence intervals, testing (Neyman-Pearson Theorem, uniformly most powerful test, likelihood ratio tests), and confidence intervals;~~ unbiasedness, consistency, sufficiency, complete statistics, and exponential family; Fisher Information and the Cramer-Rao inequality; ~~likelihood;~~ simple linear models.

### Rationale:

Updating course descriptions to better align with the actual topics covered, and to be consistent from one term/session to another even with changes in teaching assignments. Rationale: To reflect what exactly should be covered in these courses and to avoid any significant overlap between courses.

### Consultation:

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

## STA302H5: Regression Analysis

### Contact Hours:

**Previous:** Lecture: 36 / Tutorial: 12

**New:** Lecture: 39 / Tutorial: 12

**Rationale:**

This change was suggested by A. Nosedal Sanchez (STA Faculty member). This is core course, multi-section and include projects with presentations. Adding another 3 LEC hours will facilitate administration/completion of tests and presentations during the LEC times while still allowing enough time to cover essential topics. Assessments would be planned outside of LEC time.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

**Resources:**

Scheduling impact so assessments can be held outside of LEC time.

## STA304H5: Surveys, Sampling and Observational Data

**Contact Hours:**

**Previous:** Lecture: 36 / Tutorial: 12

**New:** Lecture: 39 / Tutorial: 12

**Rationale:**

This change was suggested by A. Nosedal Sanchez (STA Faculty member). This is a core course, multi-sections and includes projects with presentations. Adding another 3 LEC hours will facilitate administration/completion of tests and presentations during the LEC times while still allowing enough time to cover essential topics. Assessments would be planned outside of LEC time. Impact: Scheduling impact so assessments can be held outside of LEC time.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

## STA305H5: Experimental Design

### Contact Hours:

**Previous:** Lecture: 36 / Tutorial: 12

**New:** Lecture: 39 / Tutorial: 12

### Rationale:

This change was suggested by A. Nosedal Sanchez (STA Faculty member). This is a core course, with multi-sections and includes projects with presentations. Adding another 3 LEC hours will facilitate administration/completion of tests and presentations during the LEC times while still allowing enough time to cover essential topics. Assessments would be planned outside of LEC time.

### Consultation:

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

### Resources:

Scheduling impact so assessments can be held outside of LEC time.

## STA378H5: Research Project

### Title:

Statistics Research Project

### Description:

Students explore a ~~Research project. The project~~ topic in statistics under the supervision of a faculty member ~~will vary from year to year~~. Interested students must consult with statistics faculty, at least two months prior to registration, to determine the ~~project's~~ topic and scope.

~~Enrolment by permission of instructor only.~~

### Prerequisites:

Departmental permission ~~Permission of instructor and department~~ and a minimum CGPA of 2.5.

~~2.5~~

### Rationale:

Effort to streamline descriptions of 4 STA Reading courses and to align the language with MAT Reading Courses. Discussions started with STA Associate Chair via email in Spring 2022.

### Consultation:

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

### Resources:

None.

## STA380H5: Computational Statistics

### Prerequisites:

STA260H5 or STA238H1

### Mode of Delivery:



**Previous:** In Class

**New:**

**Rationale:**

STA238H1 has computational material, is often taken by A&S Data Science students and provides acceptable background for STA380H5. Note that 238H1 is NOT acceptable substitute as pre-req in other places that STA260H5 or STA256H5 is needed. STA238H1 is a new course. It contains most of the topics covered in STA260 and uses statistical computation for data analysis and simulation.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

**Resources:**

None.

STA398H5: Research Project

**Title:**

Statistics Research Project

**Description:**

Students explore a ~~The project~~ topic in statistics under the supervision of a faculty member ~~will vary from year to year~~. Interested students must consult with statistics faculty, at least two months prior to registration, to determine the ~~project's~~ topic and scope.

~~Enrolment by permission of instructor only.~~

**Prerequisites:**

Departmental permission ~~Permission of instructor and department~~ and a minimum CGPA of 2.5.

~~2.5~~

**Rationale:**

Effort to streamline descriptions of 4 STA Reading courses and to align the language with MAT Reading Courses. Discussion started with STA Associate Chair via email in Spring 2022.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

**Resources:**

None.

STA478H5: Statistics Research Project

**Description:**

Students explore a ~~Research project. The project~~ topic in statistics under the supervision of a faculty member ~~will vary from year to year~~. Interested students must consult with statistics faculty, at least two months prior to registration, to determine the ~~project's~~ topic and scope.

~~Enrolment by permission of instructor only.~~

**Prerequisites:**

Departmental permission ~~Permission of instructor and department~~ and a minimum CGPA of 2.5.

**Rationale:**

Effort to streamline descriptions of 4 STA Reading courses and to align the language with MAT Reading Courses. Discussions started with STA Associate Chair via email in Spring 2022.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

**Resources:**

None.

STA498H5: Research Project

**Title:**

Statistics Research Project

**Description:**

Students explore a ~~The project~~ topic in statistics under the supervision of a faculty member ~~will vary from year to year~~. Interested students must consult with statistics faculty, at least two months prior to registration, to determine the ~~project's~~ topic and scope. ~~Enrolment by permission of instructor only.~~

**Prerequisites:**

Departmental permission ~~Permission of instructor and department~~ and a minimum CGPA of 2.5. ~~2-5~~

**Rationale:**

Effort to streamline descriptions of 4 STA Reading courses and to align the language with MAT Reading Courses. Discussions started with STA Associate Chair via email in Spring 2022.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

**Resources:**

None.

10 Minor Program Modifications:

Applied Statistics - Major (Science)

**Completion Requirements:**

7.0-7.5 credits are required.

**First Year:**

1. CSC108H5
2. MAT102H5
3. [(MAT132H5 ~~and MAT134H5~~) or (MAT135H5 ~~and MAT136H5~~) or (MAT137H5 ~~and MAT139H5~~) or (MAT157H5) and (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5)] or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5
4. MAT223H5 or MAT240H5

**Second Year:**

1. MAT232H5 or MAT233H5 or MAT257Y5
2. STA256H5 and STA258H5 and STA260H5

**Higher Years:**

1. STA302H5 and STA304H5 and STA305H5
2. 1.0 credit from any 300/400 level STA course or CSC322H5 or (CSC311H5 or CSC411H5) or MAT302H5 or MAT311H5 or MAT332H5 or MAT334H5 or MAT344H5 or (MAT337H5 or MAT378H5)

**NOTES:**

1. MAT133Y5 is included in the credit count only if the student also completes MAT233H5 (in which case MAT232H5 is not required).
2. Students are strongly encouraged to familiarize themselves with the 100-level calculus pre-requisites to select the correct courses.
3. ECO220Y5 cannot be substituted for STA256H5 or STA258H5 and/or STA260H5.
4. ECO227Y5 can be substituted for STA256H5 and STA258H5, but not for STA260H5.
5. STA107H5 is highly recommended in first year, but it is not required.
6. MAT337H5 or MAT378H5 is highly recommended for students intending to pursue graduate level studies in statistics.
7. STA246H5 will not be permitted as a pre-requisite for any other 200+ level STA courses. In addition, STA246H5 cannot be used towards any program (s) in Applied Statistics or Mathematics. The course is intended only for students in Computer Science programs who will not need STA256H5 for other program requirements.

**Description of Proposed Changes:**

(a) An equivalent change is proposed for each MCS program. With these changes, students will be able to take a more advanced Differential Calculus course followed by the same or lesser difficulty Integral Calculus course. Course pre-requisites prevent students from taking a less advanced Differential Calculus course followed by a more advanced Integral Calculus course.

(b) The note indicates to students that pre-requisites are important. This is because course pre-requisites prevent students from taking a less advanced Differential Calculus course followed by a more advanced Integral Calculus course.

**Rationale:**

(a) & (b) Allowing students this possibility of combining courses was one of the reasons for splitting the Y calculus courses into H courses. Pre-requisites for 100-level calculus pre-requisites already allow this, so this change would align the program requirements with the course pre-requisite requirements.

**Impact:**

(a) & (b) The total number of students remains the same, but there might be small changes in each of the 100-level Integral Calculus courses.

**Consultation:**

Met with Vice Chair, Associate Chairs on 23-Sept-22; further finalization/review of changes with Associate Chairs on Sept 26-27, 2022.

Applied Statistics - Minor (Science)

**Completion Requirements:**

4.5 -5.0 credits are required.

**First Year:** MAT133Y5 or [(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 and MAT139H5) or (MAT157H5) and (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5)] or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5

**Higher Years:**

1. 1.0 credit made up of any combination of (PSY201H5 and PSY202H5) or (BIO360H5 and BIO361H5) or SOC350H5 or ECO220Y5 or any STA courses other than STA256H5 and STA258H5
2. MAT232H5 or MAT233H5 or MAT257Y5
3. STA256H5 and STA258H5
4. 1.0 additional credit of STA at the 300/400 level

**NOTES:**

1. Students are strongly encouraged to familiarize themselves with the 100-level calculus pre-requisites to select the correct courses.
2. ECO220Y5 cannot be substituted for STA256H5 and/or STA258H5 and/or STA260H5.
3. ECO227Y5 can be substituted for STA256H5 and STA258H5, but not for STA260H5.
4. Students who include any of PSY201H5 or PSY202H5 or BIO360H5 or BIO361H5 or SOC350H5 or ECO220Y5 in this program are responsible for ensuring that these courses are completed prior to enrolling in STA256H5 and that all STA course prerequisites and exclusions are met.
5. STA246H5 will not be permitted as a pre-requisite for any other 200+ level STA courses. In addition, STA246H5 cannot be used towards any program (s) in Applied Statistics or Mathematics. The course is intended only for students in Computer Science programs who will not need STA256H5 for other program requirements.

**Description of Proposed Changes:**

(a) An equivalent change is proposed for each MCS program. With these changes, students will be able to take a more advanced Differential Calculus course followed by the same or lesser difficulty Integral Calculus course. Course pre-requisites prevent students from taking a less advanced Differential Calculus course followed by a more advanced Integral Calculus course.

(b) The note indicates to students that pre-requisites are important. This is because course pre-requisites prevent students from taking a less advanced Differential Calculus course followed by a more advanced Integral Calculus course.

**Rationale:**

(a) & (b) Allowing students this possibility of combining courses was one of the reasons for splitting the Y calculus courses into H courses. Pre-requisites for 100-level calculus pre-requisites already allow this, so this change would align the program requirements with the course pre-requisite requirements.

**Impact:**

(a) & (b) The total number of students remains the same, but there might be small changes in each of the 100-level Integral Calculus courses.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

Applied Statistics - Specialist (Science)

**Enrolment Requirements:**

**Limited Enrolment** — Enrolment in the Specialist program is limited to students with a minimum of 4.0 credits, including:

1. STA107H5 (with a minimum grade of 60%) or STA256H5;
2. A minimum 60% grade in MAT134H5 or MAT136H5 or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT139H5 or MAT233H5 (or a minimum 60%) or 50% in MAT157Y5 or MAT159H5;
3. A minimum cumulative grade point average, to be determined annually.

4. All students must complete 4.0 U of T credits before requesting this program. Courses with a grade of CR/NCR will not count as a part of the 4.0 credits required for program entry.

### **Completion Requirements:**

12.0-12.5 credits are required.

#### **First Year:**

1. CSC108H5
2. MAT102H5
3. [(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 and MAT139H5) or (MAT157H5) and (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5)] or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5
4. MAT223H5 or MAT240H5

#### **Second Year:**

1. MAT232H5 or MAT233H5 or MAT257Y5
2. MAT244H5
3. STA256H5 and STA258H5 and STA260H5

#### **Higher Years:**

1. STA302H5 and STA304H5 and STA305H5 and STA348H5
2. 2.0 credits of STA at the 300/400 level STA course
3. 2.0 credits from CSC322H5 or (CSC311H5 or CSC411H5) or MAT302H5 or MAT311H5 or MAT332H5 or MAT334H5 or MAT344H5 or (MAT337H5 or MAT378H5)
4. 1.0 credit of STA

#### **NOTES:**

1. MAT133Y5 is included in the credit count only if the student also completes MAT233H5 (in which case MAT232H5 is not required).
2. Students are strongly encouraged to familiarize themselves with the 100-level calculus pre-requisites to select the correct courses.
3. ECO220Y5 cannot be substituted for STA256H5 or STA258H5 or STA260H5.
4. ECO227Y5 can be substituted for STA256H5 and STA258H5, but not for STA260H5.
5. STA107H5 is highly recommended in first year, but it is not required.
6. MAT337H5 or MAT378H5 is highly recommend for students intending to pursue graduate level studies in statistics.
7. STA246H5 will not be permitted as a pre-requisite for any other 200+ level STA courses. In addition, STA246H5 cannot be used towards any program (s) in Applied Statistics or Mathematics. The course is intended only for students in Computer Science programs who will not need STA256H5 for other program requirements.

### **Description of Proposed Changes:**

(a) As per discussions at May SCI curriculum meeting, some consistency desired in how a minimum grade is depicted in entry requirements across MCS programs. Also, consistency desired in how 'minimum 50%' is depicted; stating the grade is unnecessary as simply listing the course implies that min 50% is needed.

(b) An equivalent change is proposed for each MCS program. With these changes, students will be able to take a more advanced Differential Calculus course followed by the same or lesser difficulty Integral Calculus course. Course pre-requisites prevent students from taking a less advanced Differential Calculus course followed by a more advanced Integral Calculus course.

(c) The note indicates to students that pre-requisites are important. This is because course pre-requisites prevent students from taking a less advanced Differential Calculus course followed by a more advanced Integral Calculus course.

**Rationale:**

(a) see Description. (b) & (c) Allowing students this possibility of combining courses was one of the reasons for splitting the Y calculus courses into H courses. Pre-requisites for 100-level calculus pre-requisites already allow this, so this change would align the program requirements with the course pre-requisite requirements.

**Impact:**

(a) None. (b) & (c) The total number of students remains the same, but there might be small changes in each of the 100-level Integral Calculus courses.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

## Bioinformatics - Specialist (Science)

**Completion Requirements:**

14.0 credits are required.

**First Year:**

1. BIO152H5 and BIO153H5
2. CHM110H5 and CHM120H5
3. CSC108H5 and CSC148H5
4. MAT102H5
5. [(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 and MAT139H5) or (MAT157H5) and (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5)] or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5

**Second Year:**

1. BIO206H5 and BIO207H5
2. CHM242H5
3. CSC207H5 and CSC236H5 and CSC263H5
4. MAT223H5 or MAT240H5

**Third Year:**

1. MAT232H5 and MAT244H5
2. STA246H5 or STA256H5 or ECO227Y5

**Fourth Year:**

1. BIO314H5 and BIO372H5 and BIO477H5
2. CSC413H5 or CSC321H5 or CSC411H5 or CSC311H5
3. CSC343H5 and CSC373H5
4. MAT332H5
5. At least 1.0 credit from the following list of recommended courses, of which at least 0.5 credit must be at the 400-level: BIO315H5 or BIO341H5 or BIO370Y5 or BIO371H5 or BIO380H5 or BIO443H5 or BIO481Y5 or CBJ481Y5 or CHM361H5 or CSC310H5 or CSC338H5 or CSC363H5 or JCP410H5 or STA302H5 or STA348H5

**NOTES:**

1. If BIO477H5 is not offered in the fourth year of a student's studies, he or she must take an additional 0.5 credit from the recommended 400-level courses.
2. Students intending to take CHM361H5 as one of their fourth year recommended courses must take CHM243H5 as a prerequisite course.

**Description of Proposed Changes:**

(a) An equivalent change is proposed for each MCS program. With these changes, students will be able to take a more advanced Differential Calculus course followed by the same or lesser difficulty Integral Calculus course. Course pre-requisites prevent students from taking a less advanced Differential Calculus course followed by a more advanced Integral Calculus course.

(b) The note indicates to students that pre-requisites are important. This is because course pre-requisites prevent students from taking a less advanced Differential Calculus course followed by a more advanced Integral Calculus course.

**Rationale:**

Allowing students this possibility of combining courses was one of the reasons for splitting the Y calculus courses into H courses. Pre-requisites for 100-level calculus pre-requisites already allow this, so this change would align the program requirements with the course pre-requisite requirements.

**Impact:**

None. The total number of students remains the same, but there might be small changes in each of the 100-level Integral Calculus courses.

## Computer Science - Major (Science)

**Completion Requirements:**

7.5-8.0 credits are required.

**First Year:**

1. CSC108H5 and CSC148H5 and ISP100H5
2. MAT102H5
3. [(MAT132H5 and ~~MAT134H5~~) or (~~MAT135H5 and MAT136H5~~) or (~~MAT137H5 and MAT139H5~~) or (~~MAT157H5~~) and (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5)] or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or MAT233H5

**Second Year:**

1. CSC207H5 and CSC236H5
2. 1.0 credit from the following CSC209H5 or CSC258H5 or CSC263H5
3. MAT223H5 or MAT240H5
4. STA246H5 or STA256H5 or ECO227Y5

**Higher Years:**

1. 2.0 credits from any 300/400 level CSC course or GGR335H5 or GGR337H5 or GGR437H5. At least 0.5 credit must come from 400-level courses, and no more than 0.5 credit of GGR courses may count to this requirement.

**NOTE:**

1. In addition to the course requirements above, students must complete an integrative learning experience. This requirement may be met by participating in the Professional Experience Year (PEY) Co-op program \* or by completing taking at least one of the following half-courses: CSC318H5, or CSC367H5, or CSC375H5, CSC376H5, or CSC409H5, or CSC420H5, or CSC427H5, or CSC477H5, or CSC490H5.

\* Please be advised that the PEY Co-op Program only applies to UTM Computer Science students in their second year of study. For more information about the PEY Co-op Program, including eligibility requirements, please visit the Experiential and International Opportunities page of the UTM Academic Calendar.

2. Students are strongly encouraged to familiarize themselves with the 100-level calculus pre-requisites to select the correct courses.

**Description of Proposed Changes:**

(a) An equivalent change is proposed for each MCS program. With these changes, students will be able to take a more advanced Differential Calculus course followed by the same or lesser difficulty Integral Calculus course. Course pre-requisites prevent students from taking a less advanced Differential Calculus course followed by a more advanced Integral Calculus course.

(b) The note indicates to students that pre-requisites are important. This is because course pre-requisites prevent students from taking a less advanced Differential Calculus course followed by a more advanced Integral Calculus course.

**Rationale:**

1. Now CSC376 is in the new robotics teaching lab that we have. We would like to make it be an integrative learning course to fulfill that requirement of students to take an integrative learning course.

2. Use the suggested language from Dean's Office for the new PEY co-op program.

3. Allowing students this possibility of combining courses was one of the reasons for splitting the Y calculus courses into H courses. Pre-requisites for 100-level calculus pre-requisites already allow this, so this change would align the program requirements with the course pre-requisite requirements.

**Impact:**

None. The total number of students remains the same, but there might be small changes in each of the 100-level Integral Calculus courses.

## Computer Science - Specialist (Science)

**Completion Requirements:**

12.0-13.0 credits are required.

**First Year:**

1. CSC108H5 and CSC148H5 and ISP100H5
2. MAT102H5
3. [(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 and MAT139H5) or (MAT157H5) and (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5)] or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5

**Second Year:**

1. CSC207H5 and CSC209H5 and CSC236H5 and CSC258H5 and CSC263H5
2. MAT223H5 or MAT240H5
3. MAT232H5 or MAT233H5 or MAT257Y5
4. STA246H5 or STA256H5 or ECO227Y5

**Higher Years:**

1. CSC311H5 and CSC343H5 and CSC363H5 and CSC369H5 and CSC373H5
2. CSC358H5 or CSC458H5
3. 2.0 credits from any 300/400 level CSC course or GGR335H5 or GGR337H5 or GGR437H5. At least 1.0 credit must come from 400-level courses, and no more than 1.0 credit of GGR courses may count to this requirement.

**NOTE:**

1. In addition to the course requirements above, students must complete an integrative learning experience. This requirement may be met by participating in the Professional Experience Year (PEY) Co-op program \* or by completing taking at least one of the following half-courses: CSC318H5, ~~CSC367H5~~, ~~CSC375H5~~, CSC376H5, ~~CSC409H5~~, ~~CSC420H5~~, ~~CSC427H5~~, ~~CSC477H5~~, ~~CSC490H5~~.



\*Please be advised that the PEY Co-op Program only applies to UTM Computer Science students in their second year of study. For more information about the PEY Co-op Program, including eligibility requirements, please visit the Experiential and International Opportunities page of the UTM Academic Calendar.

2. Students are strongly encouraged to familiarize themselves with the 100-level calculus pre-requisites to select the correct courses.

**Description of Proposed Changes:**

(a) An equivalent change is proposed for each MCS program. With these changes, students will be able to take a more advanced Differential Calculus course followed by the same or lesser difficulty Integral Calculus course. Course pre-requisites prevent students from taking a less advanced Differential Calculus course followed by a more advanced Integral Calculus course.

(b) The note indicates to students that pre-requisites are important. This is because course pre-requisites prevent students from taking a less advanced Differential Calculus course followed by a more advanced Integral Calculus course.

**Rationale:**

1. Now CSC376 is in the new robotics teaching lab that we have. We would like to make it be an integrative learning course to fulfill that requirement of students to take an integrative learning course.
2. Use the suggested language from Dean's Office for the new PEY co-op program.
3. Allowing students this possibility of combining courses was one of the reasons for splitting the Y calculus courses into H courses. Pre-requisites for 100-level calculus pre-requisites already allow this, so this change would align the program requirements with the course pre-requisite requirements.

**Impact:**

None. The total number of students remains the same, but there might be small changes in each of the 100-level Integral Calculus courses.

Information Security - Specialist (Science)

**Completion Requirements:**

12.5-13.0 credits are required.

**First Year:**

1. CSC108H5 and CSC148H5 and ISP100H5
2. MAT102H5
3. [(MAT132H5 and ~~MAT134H5~~) or (~~MAT135H5~~ and ~~MAT136H5~~) or (~~MAT137H5~~ and ~~MAT139H5~~) or (~~MAT157H5~~) and (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5)] or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or MAT233H5
4. MAT223H5 or MAT240H5

**Second Year:**

1. CSC207H5 and CSC209H5 and CSC236H5 and CSC258H5 and CSC263H5
2. MAT224H5 or MAT240H5
3. MAT232H5 or MAT257Y
4. STA246H5 or STA256H5 or ECO227Y5

**Third Year:**

1. CSC343H5 and CSC347H5 and CSC363H5 and CSC369H5 and CSC373H5
2. MAT301H5 and MAT302H5

**Fourth Year:**

1. CSC358H5 or CSC458H5
2. 1.0 credit from the following: CSC409H5 or CSC422H5 or CSC423H5 or CSC427H5 or CSC490H5

## NOTES:

1. In addition to the course requirements above, students must complete an integrative learning experience. This requirement may be met by **participating in the Professional Experience Year (PEY) Co-op program** \* or by **completing taking at least** one of the following half-courses: CSC318H5, ~~or~~ CSC367H5, ~~or~~ CSC375H5, **CSC376H5**, ~~or~~ CSC409H5, ~~or~~ CSC420H5, ~~or~~ CSC427H5, ~~or~~ CSC477H5, ~~or~~ CSC490H5.

\* Please be advised that the PEY Co-op Program only applies to UTM Computer Science students in their second year of study. For more information about the PEY Co-op Program, including eligibility requirements, please visit the [Experiential and International Opportunities page of the UTM Academic Calendar](#).

2. Students are strongly encouraged to familiarize themselves with the 100-level calculus pre-requisites to select the correct courses.

## Description of Proposed Changes:

(a) An equivalent change is proposed for each MCS program. With these changes, students will be able to take a more advanced Differential Calculus course followed by the same or lesser difficulty Integral Calculus course. Course pre-requisites prevent students from taking a less advanced Differential Calculus course followed by a more advanced Integral Calculus course.

(b) The note indicates to students that pre-requisites are important. This is because course pre-requisites prevent students from taking a less advanced Differential Calculus course followed by a more advanced Integral Calculus course.

## Rationale:

1. Adding CSC409H5 so that students would have more courses to choose from.
2. Now CSC376H5 is in the new robotics teaching lab that we have. We would like to make it be an integrative learning course to fulfill that requirement of students to take an integrative learning course.
3. Use the suggested language from Dean's Office for the new PEY co-op program.
4. Allowing students this possibility of combining courses was one of the reasons for splitting the Y calculus courses into H courses. Pre-requisites for 100-level calculus pre-requisites already allow this, so this change would align the program requirements with the course pre-requisite requirements.
5. MAT233H5 was removed by mistake in March round.

## Impact:

None. The total number of students remains the same, but there might be small changes in each of the 100-level Integral Calculus courses.

## Mathematical Sciences - Major (Science)

### Enrolment Requirements:

**Limited Enrolment** — Enrolment in the Major program is limited to students with a minimum of 4.0 credits, including:

1. MAT102H5 (minimum 60%);
2. ~~A minimum 60% grade in~~ MAT134H5 or MAT136H5 or MAT139H5 or MAT134Y5 or MAT135Y5 or MAT233H5 ~~(or a minimum 60%) or 50% in~~ MAT159H5 or MAT137Y5 or MAT157Y5; and
3. A minimum cumulative grade point average (CGPA), to be determined annually.
4. All students must complete 4.0 U of T credits before requesting this program. Courses with a grade of CR/NCR will not count as a part of the 4.0 credits required for program entry.

### Completion Requirements:

8.0 credits are required.

**First Year:**

1. MAT102H5
2. [(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 and MAT139H5) or (MAT157H5) and (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5)] or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5
3. MAT223H5 or MAT240H5

**Second Year:**

1. MAT202H5 and MAT244H5
2. [(MAT232H5 or MAT233H5) and MAT236H5] or MAT257Y5
3. MAT224H5 or MAT247H5

**Higher Years:**

1. MAT301H5 and (MAT334H5 or MAT354H5)
2. MAT337H5 or MAT378H5 or MAT392H5 or MAT405H5
3. MAT305H5 or MAT311H5 or MAT332H5
4. MAT302H5 or MAT315H5 or MAT344H5
5. STA256H5 or 0.5 credit of MAT at the 300/400 level, except MAT322H5
6. 0.5 additional credits in MAT at the 400 level

**NOTES:**

1. MAT137H5 and MAT139H5 are recommended.
2. Students are strongly encouraged to familiarize themselves with the 100-level calculus pre-requisites to select the correct courses.
3. Mathematical Majors are strongly encouraged to enroll in MAT240H5 followed by MAT247H5.
4. Students enrolled in this program may participate in the PEY program. For more information visit [www.pey.utoronto.ca](http://www.pey.utoronto.ca)

**Description of Proposed Changes:**

(a) As per discussions at May 2022 SCI curriculum meeting, some consistency desired in how a minimum grade is depicted in entry requirements across MCS programs. Also, consistency desired in how 'minimum 50%' is depicted; stating the grade is unnecessary, as simply listing the course implies that min 50% is needed. Alignment with language of MAT Specialist.

(b) & (c) See the MAT Specialist Program.

(d) Due to updates in eligibility of new (Spring 2022) PEY co-op program, this note no longer applies to MAT Specialist students.

**Rationale:**

(a) See description. (b) & (c) See the Specialist Program. (d) New PEY Co-op program which started in Spring 2022 is only open to "Second-year students .... enrolled in an Information Security or Bioinformatics Specialist or Computer Science Specialist/Major/Minor program...".

**Impact:**

(a) none (b) & (c) See the Specialist Program. (d) No impact or positive impact -- removing a misleading/inaccurate message for Math students.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

## Mathematical Sciences - Minor (Science)

### Completion Requirements:

4.0 credits in MAT are required, including 1.0 credit of MAT at the 300/400 level.

#### First Year:

1. MAT102H5
2. [(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 and MAT139H5) or (MAT157H5) and (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5)] or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5

#### Second Year:

1. MAT223H5 or MAT240H5
2. [MAT232H5 and (MAT202H5 or MAT224H5 or MAT236H5 or MAT240H5 or MAT244H5 or MAT247H5 or CSC236H5)] or MAT257Y5

#### Higher Years:

1. 1.0 credit of MAT at the 300+ level

#### NOTES:

1. MAT223H5 or MAT240H5 may be taken in the first year.
2. Students may replace the combination [(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 and MAT139H5) or (MAT157H5) and (MAT134H5 or MAT136H5 or MAT139H5 or MAT159H5)] or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 and MAT232H5 with the combination (MAT133Y5 and MAT233H5)
3. Students are strongly encouraged to familiarize themselves with the 100-level calculus pre-requisites to select the correct courses.

#### Description of Proposed Changes:

(a) & (d) See the MAT Specialist Program.

(b) MAT240H5 may be taken in the second term of the first year.

(c) This is reflecting the change made to the program requirements.

#### Rationale:

(a) & (d) See the MAT Specialist Program.

(b) If students choose to take MAT240H5 to replace MAT223H5, then it is recommended to take MAT240H5 in the first year.

(c) See the description.

#### Impact:

(a) & (d) See the MAT Specialist Program.

(b) None.

(c) None.

#### Consultation:

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

**Completion Requirements:**

13.5 credits are required.

**First Year:**

1. CSC108H5 and CSC148H5
2. MAT102H5 and MAT240H5
3. [~~MAT137Y5~~ or (MAT137H5 and MAT139H5)] or [~~MAT157Y5~~ or (MAT157H5) and (MAT139H5 or MAT159H5)]  
or MAT137Y5 or MAT157Y5

**Second Year:**

1. CSC236H5
2. MAT202H5 and MAT244H5 and MAT247H5 and MAT257Y5
3. STA256H5 and (STA258H5 or STA260H5)

**Higher Years:**

1. MAT301H5 and (MAT334H5 or MAT354H5) and MAT392H5
2. MAT302H5 or MAT315H5
3. 2.0 additional credit from MAT302H5 or MAT309H5 or MAT311H5 or MAT315H5 or MAT332H5 or (MAT337H5 or MAT378H5) or MAT344H5
4. 1.0 additional credits in MAT at the 400 level (MAT401H5 is recommended)
5. 1.0 additional credits at the 300/400 level in CSC or MAT/STA, except MAT322H5
6. 0.5 additional credits in MAT at the 300+level, except MAT322H5

**NOTES:**

1. Mathematical Science Specialists are strongly encouraged to enroll in MAT157H5, MAT159H5, MAT257Y5, and MAT354H5.
2. Students are strongly encouraged to familiarize themselves with the 100-level calculus pre-requisites to select the correct courses.
3. Students may replace MAT257Y5 with [(MAT232H5 or MAT233H5) and MAT236H5], but if they do then MAT337H5 AND MAT405H5 are required as part of "Higher Years".
4. Students who do not feel ready for MAT257Y5 in their Second Year, may wish to take MAT232H5 that year, and then take MAT257Y5 in their Third Year.
5. Students enrolled in this program may participate in the PEY program. For more information visit [www.pey.utoronto.ca](http://www.pey.utoronto.ca)

**Description of Proposed Changes:**

(a) An equivalent change is proposed for each MCS program. With these changes, students will be able to take a more advanced Differential Calculus course followed by the same or lesser difficulty Integral Calculus course. Course pre-requisites prevent students from taking a less advanced Differential Calculus course followed by a more advanced Integral Calculus course.

(b) The note indicates to students that pre-requisites are important. This is because course pre-requisites prevent students from taking a less advanced Differential Calculus course followed by a more advanced Integral Calculus course.

(c) Due to updates in eligibility of new (Spring 2022) PEY co-op program, this note no longer applies to MAT Specialist students.

**Rationale:**

(a) & (b) Allowing students this possibility of combining courses was one of the reasons for splitting the Y calculus courses into H courses. Pre-requisites for 100-level calculus pre-requisites already allow this, so this change would align the program requirements with the course pre-requisite requirements.

(c) New PEY Co-op program which started in Spring 2022 is only open to “Second-year students .... enrolled in an Information Security or Bioinformatics Specialist or Computer Science Specialist/Major/Minor program...”.

**Impact:**

(a) & (b) None. The total number of students remains the same, but there might be small changes in each of the 100-level Integral Calculus courses.

(c) No impact or positive impact -- removing a misleading/inaccurate message for Math students.

**Consultation:**

Met with Vice Chair, Associate Chairs on 22-Sept-23; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022.

## 1 Retired Course:

### STA215H5: Introduction to Applied Statistics

**Rationale:**

Departments/programs who formerly used this course to satisfy statistics requirement have developed their own subject-specific stats course. Rationale: Programs including Forensic Science, Psychology, Environmental Management/Science, and Biology have developed their own targeted statistics courses. As such, STA215H5 will not have the same utility moving forward as it did before so there is no reason to continue offering it.

**Consultation:**

Met with Vice Chair, Associate Chairs on 23-Sept-22; further finalization/review of changes with Associate Chairs on Sept 26 - 27, 2022. Between 22-Sept-22 and 26-Sep-22 consultation with departments that listed this course as part of programs (Forensic Science, Psychology, Environmental Management/Science and Biology) - all contacts were aware of plan to retire and are on board with 2023 retirement of this course.

# Psychology (UTM), Department of

## 4 New Courses:

### JLP285H5: Language, Mind, & Brain

**Contact Hours:**

Lecture: 36

**Description:**

Language is often described as a quintessentially human trait. What is the mental machinery underlying this ability? In this course, you will explore questions such as: Do animals have language? How do children learn language? How do we understand and produce language in real time? How does bilingualism work? What can neuroscience tell us about language abilities? What is the relationship between language and thinking?

**Prerequisites:**

(LIN101H5 and LIN102H5) OR PSY100Y5

**Corequisites:****Exclusions:**

JLP374H1, PLIC55H3, PSY374H5

**Rationale:**

There is substantial overlap between two courses currently taught in Language Studies (LIN288H5, Introduction to Psycholinguistics and Language Acquisition) and Psychology (PSY274H5, Language, Mind, and Brain). This JLP course will allow students in either department to take a common course that highlights the interdisciplinarity of the language sciences. It also adds an additional instructor (Emily Atkinson, LIN), which would make it possible to offer the course more regularly.

For example, neither of the courses it is replacing were taught in the 2021-2022 academic year. This JLP course will replace the current above mentioned LIN and PSY courses, which will be deleted next year following approval of this JLP course. In the meantime, this course (JLP285) and the courses that it is replacing will never be offered in the same year.

Additionally, this course will serve as an entry point to a suite of JLP courses at the 300- and 400-level that have been or will be proposed (to date: JLP384H5, JLP388H5, JLP481H5). JLP285H5 will be taught as 36L with integrated interactive discussion, and will require grader support.

**Consultation:**

Extensive consultation has taken place with the curriculum committees in both departments who approve this addition.

**Resources:**

Resource Implication Form submitted.

### JLP483H5: Topics in Adult Psycholinguistics

**Contact Hours:**

Lecture: 36

**Description:**

What is the connection between comprehending, producing, and thinking about language? How do the properties of different languages influence the nature of language processing? How is processing affected by differences across individuals? Drawing on a variety of perspectives and methodologies, we will explore contemporary issues and debates in these and other topics.

**Prerequisites:**

(LIN288H5 or PSY274H5 or JLP285H5) and 1.0 credit from the following list: (PSY315H5 or JLP315H5) or (PSY374H5 or JLP383H5) or (PSY384H5 or JFL388H5 or JLP388H5) or (LIN318H5 or LIN418H5) or JLP384H5 or JLP481H5.

**Corequisites:****Rationale:**

Linguistics and Psychology overlap significantly in the area of language processing. With the significant overlap in research interests among certain faculty working in the LIN and PSY programs, this JLP course will allow students from both programs/departments to take an interdisciplinary capstone course, showcasing the fruitful research that obtains in this field, a course, which, if offered jointly, could be offered more frequently (by at least 2 faculty in rotation), giving students more flexibility to take the course in a year that works best for them. Courses with psycholinguistic content are in demand in both departments.

This course will serve as an additional option at the 400-level for students interested in the suite of JLP courses that have been or will be proposed (to date: JLP384H5, JLP388H5, JLP481H5; to be proposed: JLP285H5, JLP383H5, JLP315H5). Prerequisites will be simplified in the future when the original PSY and LIN courses have been deleted from the course list as they are replaced with the new JLP courses.

**PSY401H5: Knowledge Translation: Delivering Scientific Discovery to the Real-World****Contact Hours:**

Seminar: 36

**Description:**

As a science, psychology investigates why and how humans and nonhuman animals feel, think, and behave in the ways they do. Our discoveries can be harnessed for societal good when the insights gained from psychological research are communicated accurately to the public. In this course, students will participate in seminars to learn to communicate effectively about scientific discoveries and engage in the process of knowledge translation. Students will also work with a Psychology faculty supervisor to create and deliver knowledge translation products.

Note: To register in the Department of Psychology (see the Psychology department website for details)

**Prerequisites:**

1.0 credits in 300-level psychology courses. Commitment from a faculty supervisor via application process.

**Rationale:**

The proposed course would extend and complement our existing research course offerings. Our existing research courses concentrate on generating or synthesizing scientific knowledge and presenting findings in a scholarly fashion for consumption by academic audiences. In contrast, this course will focus on an aspect of the research process that has been increasingly recognized as critical: communicating scientific knowledge to key stakeholders/communities and the general public, as well as the use/application of scientific knowledge for the benefit of individuals and societies.

Students would develop knowledge translation strategies with a faculty supervisor and incorporate insights about effective KT strategies based on the complementary seminar-style discussions of readings and existing KT products. The course will offer opportunities for in-depth learning and synthesis about an area of research, gaining familiarity with knowledge translation principles, creating strategies for communicating about science with stakeholders and the public more generally, developing skills needed to generate knowledge translation products (e.g., website, podcast, invention/technology, community/youth outreach program, policy recommendation report, etc.), and reaching out to/interacting with target audiences.

This course would be offered as 0.5 credits but take place over both semesters (I & II).

**Consultation:**

Consultation with Psychology faculty and Psychology curriculum committee.

**Resources:**

The course would be run in a manner similar to the existing thesis course; however, we anticipate the most effective approach would be for supervisors to post KT projects/topics that interest them or post interest in supervising a KT



project with the topic open and then have students apply to those positions. This approach would require some departmental support in terms of organizing a website/process to advertise openings and collecting applications from students. Similar to the thesis course, students would apply in the term prior to taking the course.

#### PSY499Y5: Research Opportunity Program

**Description:**

This course provides a rewarding opportunity for students in their fourth year to undertake advanced work in the research project of a faculty member in return for PSY499Y5 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.

**Prerequisites:**

Completion of 13.0 credits and 1.0 300-level credit in Psychology and minimum last AGPA of 3.0 or above.

**Rationale:**

A 4th-year ROP is one of the opportunities that qualify as the 4th-year research requirement for Psychology and Neuroscience specialists. However, the only option at the moment is a semester-long PSY499H, and this limits the utility of the ROP program for many faculty members whose research requires a longer time scale than a semester to offer meaningful experiential learning opportunities for undergraduate students. The proposed ROP course would extend and complement our existing research course offerings to provide students with year-long ROP opportunities at the 400 Level. This complements our ROP offerings in years 2 and 3 (PSY299H5, PSY299Y5, PSY399H5, PSY399Y5) to provide another option for students (Specialists) to satisfy senior research requirements.

**Consultation:**

Psychology department and ROP office.

**Resources:**

None

#### 5 Course Modifications:

##### PSY201H5: Research Design and Analysis in Psychology I

**Title:**

Introduction to Quantitative Research ~~Design and Analysis~~ in Psychology I

**Description:**

In this course, you will develop a conceptual understanding of statistics that will improve your data-driven decision-making processes ~~Basic descriptive~~ and critical assessment of research findings. Using statistical programming, you will learn practical skills that will help you visualize data, draw insights from graphs, describe data to others, and test predictions using ~~inferential~~ statistics.

**Exclusions:**

ECO220Y5 or ECO227Y5 or SOC300Y5 or SOC350H5 or STA215H5 or STA218H5 or STA220H5 or or STA246H5 or STA256H5 or STA258H5 or PSY201H1 or PSYB07H3 or STAB22H3

**Rationale:**

The previous course description was written in a generic way that would maintain flexibility for different instructors to teach the course. We are updating the course calendar description to best reflect the intended outcomes of the learning experience.

**Consultation:**

Psychology research methods working group. Psychology undergraduate curriculum committee.

**Resources:**

No change

PSY202H5: Research Design and Analysis in Psychology II

**Title:**

Introduction to Quantitative Research ~~Design and Analysis~~ in Psychology II

**Description:**

**Previous:** Design of experiments and more advanced methods of statistical analysis, including complex analysis of variance. [24L, 12P]

**New:** This course builds on the foundation of PSY201H5 to explore a variety of statistical procedures used in psychology research, understand the factors that maximize the validity of research findings, and to develop effective strategies to communicate research findings.

**Exclusions:**

ECO220Y5 or ECO227Y5 or STA221H5 or STA256H5 or STA258H5 or BIO360H5 ~~or SOC300Y5~~ or PSY202H1 or PSYC08H3 or STAB27H3

**Rationale:**

The previous course description was written in a generic way that would maintain flexibility for different instructors to teach the course. We are updating the course calendar description to reflect the intended outcomes of the learning experience. SOC300Y5 is no longer offered and has been removed from the list of exclusions.

**Consultation:**

Psychology research methods working group, Psychology curriculum committee.

PSY309H5: Experimental Design and Theory

**Description:**

**Previous:** Students participate in an immersive learning experience that replicates the process of designing, conducting, analyzing, and presenting a psychological research study. Lecture sessions will introduce best practices in psychological science. Tutorial sessions will prepare students by teaching statistical programming. Students will apply statistical methods, principles and practices to realize a significant, open-ended research project. Students will lead generation of their own research questions, direct their own literature review, propose research methodologies, and work independently on datasets, applying advanced statistical and presentation tools and techniques used in research labs to analyze and present research findings in both written and oral formats.

**New:** You will learn how to interpret and critically evaluate psychological research, including the strengths and limitations of different research designs. You will learn to propose new research, including literature review, hypothesis formulation, anticipated results, and pre-specified analysis planning. Finally, you will also practice presenting your work in a virtual conference setting.

**Prerequisites:**

~~PSY201H5~~ and (PSY202H5 (or equivalent) and 1.0 credit in PSY at the 200 level

**Rationale:**

We are updating the course calendar description to reflect modifications to how the course will be taught in future years.

Changing equivalents to be clear to students (reduce confusion). Removing explicit mention of PSY201H5 as it is a necessary prerequisite for PSY202H5. The wording used here is consistent with the wording in other courses, like PSY400Y5 (thesis).

**Consultation:**

Psychology research methods working group, undergraduate curriculum committee.

PSY385H5: Human Factors: Applying Perceptual and Cognitive Research to the World

**Prerequisites:**

PSY270H5 or PSY272H5 or PSY280H5 or PSY290H5.

**Rationale:**

Expanding the list of prerequisite courses to extend the eligibility for inclusion in the course to a greater number of students.

**Consultation:**

Under the request of the course instructor

PSY490H5: Advanced Topics in Neuroscience

**Prerequisites:**

(PSY270H5 or PSY290H5) and (1.0 credit from (PSY346H5 or PSY351H5 PSY352H5 or PSY353H5 or PSY354H5 or PSY355H5 or PSY362H5 or PSY369H5 or PSY372H5 or PSY391H5 or PSY392H5 or PSY393H5 PSY395H5 or PSY397H5 or PSY398H5 or BIO304H5).

**Rationale:**

Updates to outdated prerequisite requirements that do not reflect recent course additions to our program. Casting a broader net of requirements also reflects flexibility in the way the course is taught by different instructors.

**Consultation:**

Instructor and Psychology curriculum committee.

5 Retired Courses:

PSY274H5: Language, Mind, and Brain

**Rationale:**

PSY274H5 is being replaced with an equivalent new JLP course (JLP285H5) starting in Fall 2023. The academic rationale (and benefit) of JLP285H5 is also being presented at the fall '22 curriculum meeting.

**Consultation:**

Psychology and Language studies curriculum committee curriculum committee.

PSY315H5: Language Development

**Rationale:**

PSY315H5 is being replaced with an equivalent new JLP course (JLP315H5) starting in Fall 2023. The academic rationale (and benefit) of JLP315H5 will be presented at the fall '22 curriculum meeting

**Consultation:**

Consultation with Language studies and Psychology curriculum committee.

### PSY374H5: Psycholinguistics

**Rationale:**

PSY374H5 is being replaced with an equivalent new JLP course (JLP383H5) starting in Fall 2023. The academic rationale (and benefit) of JLP383H5 will be presented at the fall '22 curriculum meeting.

**Consultation:**

Consultation with Language studies and Psychology curriculum committee.

### PSY376H5: Psychology of Bilingualism

**Rationale:**

PSY376H5 is being replaced with an equivalent JLP course (JLP388H5) starting in Fall 2023. The academic rationale (and benefit) of JLP388 has been previously presented at Divisional (Humanities and Sciences) curriculum meetings (March 2022) and we were encouraged to retire PSY376H5 as soon as possible.

**Consultation:**

Consultation with Language studies, Psychology curriculum committee, and Science/Humanities divisional curriculum meetings.

### PSY384H5: Speech Perception and Production

**Rationale:**

PSY384H5 is being replaced with an equivalent JLP course (JLP384H5) starting in Fall 2023. The academic rationale (and benefit) of JLP384 has been previously presented at Divisional (Humanities and Sciences) curriculum meetings (March '22) and we were encouraged to retire PSY384H5 as soon as possible.

**Consultation:**

Consultation with Language studies, Psychology curriculum committee, and Science curriculum committee.

## 5 Minor Program Modifications:

### Exceptionality in Human Learning - Specialist (Science)

#### Completion Requirements:

13.0-14.5 credits are required, including at least 5.0 300/400-level credits of which 1.5 must be at the 400-level.

**First Year:** PSY100Y5; (ANT101H5, ANT102H5)/(BIO152H5, BIO153H5)/1.0 credit from BIO202H5, BIO205H5, BIO206H5, BIO207H5/SOC100H5

#### Second Year:

1. PSY201H5/ECO220Y5/ECO227Y5/SOC350H5/~~STA215H5~~/STA218H5/STA220H5/
2. PSY210H5, PSY240H5
3. 0.5 credit from the following: PSY202H5 (or equivalent), PSY270H5, ~~PSY274H5~~, PSY280H5, PSY290H5, JLP285H5

#### Higher Years:

1. 3.0 credits from the following: PSY310H5, PSY311H5, PSY312H5, PSY313H5, PSY314H5, ~~PSY315H5~~, PSY316H5, PSY317H5, PSY318H5, PSY319H5, PSY321H5, PSY325H5, ~~PSY330H5~~, PSY331H5, PSY333H5, PSY340H5, PSY341H5, PSY343H5, PSY344H5, PSY346H5, PSY353H5, ~~PSY374H5~~, ~~PSY376H5~~, ~~PSY385H5~~, ~~PSY384H5~~, PSY391H5, PSY392H5, PSY393H5, JLP385H5, JLP388H5, JLP315H5, JLP383H5, LP384H5, ~~JLP384H5~~, JLP388H5,
2. PSY442Y5 and at least 0.5 credit from the following: PSY400Y5, ~~PSY401H5~~, PSY403H5, PSY404H5, PSY405H5, PSY406H5, PSY410H5, PSY415H5, PSY440H5, PSY474H5, PSY495H5, PSY499H5, ~~PSY499Y5~~, JLP481H5, JLP483H5
3. One of the following:
  - a. 2.0 credits from: ANT202H5, ANT203H5, ANT204H5, ANT205H5, ANT206H5, ANT207H5, ANT211H5, ANT212H5, ANT214H5, ANT215H5, ANT220H5, ANT241H5, ANT306H5, ANT322H5, ANT331H5, ANT332H5, ANT333H5, ANT334H5, ANT335H5, ANT337H5, ANT338H5, ANT341H5, ANT350H5, ANT352H5, ANT362H5, ANT364H5, ANT365H5, ANT401H5, ANT403H5, ANT434H5, ANT437H5, ANT460H5, ANT461H5, ANT462H5
  - b. 2.5 credits from: 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
  - c. 2.0 credits from: BIO202H5, BIO205H5, BIO206H5, BIO207H5, BIO210Y5, BIO315H5, BIO341H5, BIO370Y5, BIO371H5, BIO372H5, BIO375H5, BIO380H5, BIO403H5, BIO407H5, BIO434H5, BIO443H5, BIO476H5, BIO477H5; ANT202H5, ANT203H5, ANT331H5, ANT332H5, ANT333H5, ANT334H5
4. 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
  - 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

**Description of Proposed Changes:**

Updates to the calendar to reflect added/deleted courses.

Introduction of note for students who intend to complete EHL program using Biology credits.

**Rationale:**

Necessary updates to course offerings.

Although only a small number of students complete the EHL program using Biology credits (most complete program requirements using ANT or SOC credits), we want to draw the attention of prospective students to course/prerequisite requirements in Biology courses.

**Consultation:**

Psychology curriculum committee. Previous consultation with Biology associate chair.

## Neuroscience - Specialist (Science)

**Enrolment Requirements:**

**Limited Enrolment** — Enrolment is limited to students who have:

1. completed 8.0 credits;
2. successfully completed PSY100Y5, BIO152H5, BIO153H5, CHM110H5, CHM120H5 and (MAT132H5, MAT134H5)/~~MAT134Y5~~/(MAT135H5, MAT136H5)/MAT135Y5/MAT137Y5 (or equivalent) ;~~MAT157Y5~~;
3. completed PSY201H5, PSY202H5 (or equivalent), PSY290H5, and at least 0.5 credit from: BIO202H5/BIO205H5/BIO206H5/BIO207H5/PSY210H5/PSY270H5/PSY274H5/PSY280H5 with a minimum average of 77%; and
4. a minimum AGPA of 3.0.

Students who do not meet these requirements and/or students who apply after third year must have a psychology and biology average of at least 77% (based on a minimum of PSY201H5, PSY202H5, and the next most recent 1.5 credits completed in psychology and biology courses listed in the Neuroscience Specialist program) as well as an AGPA of at least 3.0. These requirements are based on all courses taken during students' most recent academic year (including Summer, when applicable).

**Completion Requirements:**

11.5-12.0 credits are required, including at least 3.0 credits at the 300/400 level and 1.0 credit at the 400 level.

**First Year:** PSY100Y5; BIO152H5, BIO153H5; CHM110H5, CHM120H5; (MAT132H5, MAT134H5)/(MAT135H5, MAT136H5)/~~MAT134Y5/MAT135Y5/MAT137Y5~~/(or equivalent) ~~MAT157Y5~~

**Second Year:**

1. (PSY201H5, PSY202H5)/(STA220H5, STA221H5)/(~~BIO259H5~~ ~~STA215H5~~, BIO360H5) or equivalent
2. BIO202H5; BIO206H5; BIO207H5; PSY290H5
3. one of the following: PSY210H5, PSY270H5; ~~PSY274H5~~, PSY280H5, ~~JLP285H5~~

**Third Year:** 1.0 credit from each of the following three areas:

- a. **Behavioural Neuroscience area:** BIO318Y5, BIO320H5, BIO328H5, PSY316H5, PSY318H5, PSY346H5, PSY352H5, PSY353H5, PSY354H5, PSY355H5, PSY368H5, PSY369H5, PSY385H5, PSY389H5, 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, BIO380H5, BIO404H5, BIO409H5, PSY318H5, PSY346H5, PSY369H5, PSY393H5, PSY397H5

**Fourth Year:**

1. One seminar from the following: BIO403H5, BIO404H5, BIO406H5, BIO407H5, BIO408H5, **PSY471H5**, **PSY472H5**, PSY480H5, PSY490H5, PSY495H5
2. One thesis/research project from the following: BIO481Y5, PSY400Y5, **PSY401H5**, PSY403H5/PSY404H5/PSY405H5/PSY406H5, ~~PSY499H5~~/**PSY499Y5**

**NOTES:**

1. Students intending to pursue the Neuroscience Specialist program should be aware of minimum grade prerequisite requirements for entry to BIO152H5 (minimum grade of 70% in Grade 12 SBI4U) and CHM110H5 (minimum grade of 70% in Grade 12 SCH4U)
  2. In second year, students are encouraged to consider taking the following courses depending on their planned course of study:
    - BIO202H5 - required for several courses in the Neurobiology area.
    - PSY210H5 - required for several courses in the Behavioural Neuroscience area.
- ~~3.~~ Students interested in taking PSY400Y5 in their last year are advised to take PSY309H5 in their third year.

**Description of Proposed Changes:**

Simplifying the selection of math courses to simply say '(or equivalent)'

Modification of acceptable statistics courses to include a new Biology course (BIO259H5).

Substitution of JLP285 in place of PSY274H5

Addition of PSY401H5 and PSY499Y5 to satisfy senior research requirements.

**Rationale:**

Updates to curriculum to reflect proposed changes

**Consultation:**

Psychology curriculum committee

Psychology - Major (Science)

**Completion Requirements:**

6.5-7.0 credits in Psychology are required, including 2.0 at the 300/400 level.

**First Year:** PSY100Y5

**Higher Years:**

1. PSY201H5/ECO220Y5/ECO227Y5/SOC350H5/~~STA215H5~~/STA218H5/STA220H5
2. PSY210H5, PSY290H5
3. one of the following: PSY270H5, **PSY274H5**, PSY280H5, **JLP285H5**
4. one of the following: PSY220H5, PSY230H5, PSY240H5
5. 1.5 credits from the following courses: 0.5 credit must be taken from each group:
  - a. Biological Bases of Behaviour: PSY318H5, PSY346H5, PSY351H5, PSY352H5, PSY353H5, PSY354H5, PSY355H5, PSY362H5, PSY372H5, PSY391H5, PSY392H5, PSY393H5, PSY395H5, PSY397H5, PSY398H5; BIO304H5, BIO310H5, BIO318Y5, BIO328H5
  - b. Perception/Cognition/Communication: PSY312H5, **PSY315H5**, PSY316H5, PSY362H5, PSY371H5, PSY372H5, **PSY374H5**, **PSY376H5**, **PSY384H5**, PSY385H5, PSY387H5, PSY393H5, PSY397H5, **JLP315H5**, **JLP383H5**, JLP384H5, JLP388H5
  - c. Developmental/Abnormal/Social/Personality: PSY310H5, PSY311H5, PSY312H5, PSY313H5, PSY314H5, **PSY315H5**, PSY316H5, PSY317H5, PSY318H5, PSY320H5, PSY321H5, PSY324H5, PSY325H5, PSY327H5, PSY328H5, PSY330H5, PSY331H5, PSY333H5, PSY340H5, PSY341H5, PSY343H5, PSY344H5, PSY345H5, PSY346H5, PSY353H5, **JLP315H5**
6. 1.5 additional credits in Psychology. At least 0.5 must be at the 300/400 level

**NOTE:** A single course can be used to satisfy only one Psychology program requirement.

**Description of Proposed Changes:**

Inclusion of new JLP offerings, removal of equivalent PSY courses.

Removal of STA215H5 (no longer offered)

Addition of new proposed PSY401H5Y, PSY499Y5, and JLP seminar courses.

**Rationale:**

Updates to course offerings and inclusion in our curriculum

**Consultation:**

Psychology curriculum committee

## Psychology - Minor (Science)

**Completion Requirements:**

4.0-4.5 credits are required, including 1.0 credit at the 300 level or above.

**First Year:** PSY100Y5

**Higher Years:**

1. PSY201H5 or ECO220Y5 or ECO227Y5 or SOC350H5 or ~~STA215H5~~ or STA218H5 or STA220H5
2. PSY290H5
3. PSY270H5 or ~~PSY274H5~~ or PSY280H5 or JLP285H5
4. PSY210H5 or PSY220H5 or PSY230H5 or PSY240H5
5. 1.0 credit in PSY at the 300 level or above, excluding PSY399H5 and PSY399Y5

**Description of Proposed Changes:**

Removal of STA215H5.

Substitution of JLP285H5 for PSY274H5.

**Rationale:**

Updates to programs based on course changes

**Consultation:**

Psychology curriculum committee, Language studies, and Math department.

## Psychology - Specialist (Science)

**Completion Requirements:**

10.0-10.5 credits in Psychology are required.

**First Year:** PSY100Y5

**Second Year:**

1. PSY201H5 and PSY202H5 (or equivalent)
2. PSY210H5 and PSY290H5
3. PSY270H5 or ~~PSY274H5~~ or PSY280H5 or JLP285H5
4. PSY220H5 or PSY230H5 or PSY240H5
5. 0.5 additional PSY credit at the 200-level

**Third Year:**

1. PSY309H5
2. One laboratory course from the following: PSY319H5 or PSY329H5 or PSY368H5 or PSY369H5 or PSY379H5 or PSY389H5



3. 3.0 credits from the following courses (with a min. 0.5 **credits credit** from each grouping):

- a. **Biological Bases of Behaviour:** PSY318H5, PSY346H5, PSY351H5, PSY352H5, PSY353H5, PSY354H5, PSY355H5, PSY362H5, PSY372H5, PSY391H5, PSY392H5, PSY393H5, PSY395H5, PSY397H5, PSY398H5; BIO304H5, BIO310H5, BIO318Y5, BIO328H5
- b. **Perception/Cognition/Communication:** PSY312H5, **PSY315H5**, PSY316H5, PSY362H5, PSY371H5, PSY372H5, **PSY374H5**, **PSY376H5**, **PSY384H5**, PSY385H5, PSY387H5, PSY393H5, PSY397H5, **JLP315H5**, **JLP383H5**, JLP384H5, JLP388H5
- c. **Developmental/Abnormal/Social/Personality:** PSY310H5, PSY311H5, PSY312H5, PSY313H5, PSY314H5, **PSY315H5**, PSY316H5, PSY317H5, PSY318H5, PSY320H5, PSY321H5, PSY324H5, PSY325H5, PSY327H5, PSY328H5, PSY330H5, PSY331H5, PSY333H5, PSY340H5, PSY341H5, PSY343H5, PSY344H5, PSY345H5, PSY346H5, PSY353H5, **JLP315H5**

#### Fourth Year:

1. PSY400Y5 or **PSY401H5** or PSY403H5 or PSY404H5 or PSY405H5 or PSY406H5 or PSY499H5 or **PSY499Y5**
2. 1.0 credit from the following courses: PSY402H5 or PSY410H5 or PSY415H5 or PSY420H5 or PSY424H5 or PSY430H5 or PSY435H5 or PSY440H5 or PSY442Y5 or PSY471H5 or PSY480H5 or PSY490H5 or PSY495H5 or JLP481H5 or **JLP483H5** or BIO403H5 or BIO407H5 or STA441H5

**NOTE:** A single course can be used to satisfy only one Psychology program requirement.

#### Description of Proposed Changes:

Inclusion of new JLP offerings, removal of equivalent PSY courses.

Removal of STA215H5 (no longer offered).

Addition of new proposed PSY401H5Y, PSY499Y5, and JLP seminar courses.

#### Rationale:

Updates to course offerings and inclusion in our curriculum

#### Consultation:

Psychology curriculum committee

## Study of University Pedagogy (UTM), Institute for the

### 2 Course Modifications:

ISP010H5: Basics of Writing in English (BoWiE)

#### Mode of Delivery:

**Previous:** In Class

**New:** In Class; Online

#### Rationale:

See OBD Proposal submission.

ISP100H5: Writing for University and Beyond

#### Description:

This course teaches writing- and reading-related skills that are necessary for success in the transition to university work. The course uses a 'Writing About Writing' approach to help students understand the writing process, with an emphasis on the concepts of discourse communities, genre, rhetoric, argument, and audience. Rather than focusing on discipline-specific writing skills, the course helps students develop transferable writing skills. ISP100H5 is delivered from the perspective that all writers can improve their writing, so that students with diverse writing skills will benefit by taking it.

There is a required writing assessment in the first week of classes, and students must pass the threshold mark to continue in the course. Those below the threshold **should enrol** ~~will be automatically enrolled~~ in ISP010H5, Basics of Writing in English.

**Rationale:**

Students are no longer automatically enrolled in ISP010 if they do not pass the Writing Check-In assessment. This change is a reflection of the online by design proposal that has been submitted for ISP010 and contributes to a larger re-design of the course. Students can now self-enrol in ISP010 at any time throughout the course enrolment period if they identify that they would benefit from extra support prior to enrolling in ISP100. If a student successfully completes ISP010, they will be able to continue in ISP100 regardless of the outcome on the Writing Check-In assessment.







# UNIVERSITY OF TORONTO

## University of Toronto Mississauga

SSC Curriculum Proposals Report

December 1, 2022

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# Anthropology (UTM), Department of

## 1 New Course:

ANT356H5: War, Peace, and Revolution in the Middle East: Anthropological Perspectives on Political Conflicts

**Contact Hours:**

Lecture: 12 / Seminar: 12

**Description:**

This course will explore political violence and social change in the modern Middle East. What forms of loyalty, authority or rivalry have accompanied political violence? What economic activities and relations have been shaped by political conflict and peace in the region? What are the historical origins of nation-states, political regimes, and social movements in the region? By taking a historical and anthropological look at political conflict and change, this course will examine the transformations of the region in the last two centuries.

**Prerequisites:**

ANT204H5 or ANT207H5

**Rationale:**

The course will be a significant addition to the department's four-subfield curriculum. Exploring the issues of political violence, authority, and change in the context of the broader Middle East, the course will complement ANT352: Protest, Power, and Authority: Topics in Political Anthropology and expand the curriculum's coverage of anthropology of state, violence, and sociopolitical change. The course will also present a critical introduction to ethnographic approaches to Area Studies. It will be an essential addition to the university-wide curriculum by providing an opportunity for students to develop and deepen their interests in the critical studies of the Middle East.

The course will not overlap with current offerings in anthropology. This course might also address some of the themes covered in HIS201H5: Introduction to Middle Eastern History, HIS204H5: History of the Ottoman Empire, 1299-1923, and HIS384H5: International Relations in the Middle East- Regional Perspectives on the 20th Century. While these courses have examined the histories of the Middle East region, none has focused on anthropological studies and methods. For this reason, this course will uniquely contribute to the university-wide curriculum.

The Resource Implications form for new courses has been submitted.

Consultation:

**Resources:**

None.

### 3 Minor Program Modifications:

#### Anthropology - Major (Arts)

**Completion Requirements:**

7.5 credits are required.

**First Year:** ANT101H5 and ANT102H5 and ISP100H5

**Second Year:**

1. ANT204H5 and ANT206H5 and ANT207H5
2. (ANT200H5 and ANT201H5) or (1.0 credit from ANT202H5 or ANT203H5 or ANT220H5)

**Higher Years:**

3.5 additional ANT credits. At least 1.0 credit must be at the 300 level, including 0.5 credit at the 400 level.

**NOTE:** JAL253H5, JAL351H5, and JAL353H5, and JAL355H5 and JAL453H5 are social science credits and can be used to fulfill ANT program requirements.

**Rationale:**

Two ANT courses were changed to JAL courses so we are adding them to the lists of JAL courses that would be accepted in our Arts programs.

#### Anthropology - Minor (Arts)

**Completion Requirements:**

4.0 credits are required.

**First Year:** ANT101H5 and ANT102H5

**Second Year:** 1.5 credits from ANT200H5 or ANT201H5 or ANT202H5 or ANT203H5 or ANT204H5 or ANT206H5 or ANT207H5 or ANT220H5

**Higher Years:** 1.5 additional ANT credits. At least 1.0 must be at the 300/400 level.

**NOTES:** [JAL253H5](#), [JAL351H5](#), and [JAL353H5](#), and [JAL355H5](#) and [JAL453H5](#) are social science credits and can be used to fulfill ANT program requirements.

**Rationale:**

Two ANT courses were changed to JAL courses so we are adding them to the lists of JAL courses that would be accepted in our Arts programs.

#### Anthropology - Specialist (Arts)

**Completion Requirements:**

10.5 credits are required.

**First Year:** ANT101H5 and ANT102H5 and ISP100H5

**Second Year:**

1. (ANT200H5 and ANT201H5) or (1.0 credit from ANT202H5 or ANT203H5 or ANT220H5)
2. ANT204H5 and ANT206H5 and ANT207H5

**Higher Years:**

6.5 additional ANT credits. At least 4.0 credits must be at the 300/400 level, including 1.0 credit at the 400 level.

Note: JAL253H5, JAL351H5, ~~and~~ JAL353H5, ~~and~~ JAL355H5 and JAL453H5 are social science credits and can be used to fulfill ANT program requirements.

**Rationale:**

Two ANT courses were changed to JAL courses so we are adding them to the lists of JAL courses that would be accepted in our Arts programs.

# Communication, Culture, Information, & Technology (UTM), Institute of

## 2 New Courses:

### CCT306H5: Interpersonal Communication

**Contact Hours:**

Lecture: 24

**Description:**

An introduction to the cognitive, social, dyadic and group factors that shape communication and relational development between people. The objective of this course is for students to learn and apply the communication processes involved in encoding and decoding messages that help us understand others around us. Students will learn concepts, theories, and skills related to interpersonal communication. Topics include impression management, interpersonal influence, relational development, and conversational skills.

**Prerequisites:**

Completion of 8.0 credits

**Rationale:**

Theory and skills related to interpersonal communication are relevant across a wide variety of contexts. The discipline of interpersonal communication is dedicated to furthering knowledge regarding how people understand each other, co-create meaning, and improve communication competence through crafting appropriate and effective messages. Although ICCIT notes the importance of interpersonal skills on our website, the CCT degree does not currently contain a course specific to research on interpersonal communication. This course will teach students how to apply interpersonal research to a wide variety of contexts using a theory-based approach. In this way the course both helps students develop useful skills related to disclosure, conflict, and other interpersonal encounters, and learn to apply theoretical explanations of social interaction (e.g. uncertainty reduction, relational dialectics, or social exchange theory) to their everyday lives. Students in this course will learn concepts that can be applied to their personal lives (relationship initiation, maintenance, and dissolution), their careers (interpersonal influence, interviewing skills, impression management), and their daily lives (self-concept, conversations, conflict communication).

**Learning Outcomes:**

Articulate concepts related to interpersonal communication.

Apply theoretical knowledge of interpersonal communication to real-world situations.

Explain the importance of interpersonal communication skills

Explain how to acquire increased interpersonal communication skill and knowledge.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

The course will require a classroom and TA support for grading. Resource Implications form to follow with details.

### CCT318H5: Sustainability and the Digital Enterprise

**Contact Hours:**

Lecture: 24/Tutorial: 12

**Description:**

This course focuses on investigating the impacts of the digital enterprise on sustainability. The course presents an overview of the sustainability challenges and the concrete approaches to solving those challenges with the use of technology. The course uses an active learning approach allowing students the opportunity to learn while working on different sustainability projects linked to digital enterprises.

**Prerequisites:**

Minimum of 8.0 credits including CCT112H5

**Rationale:**

Many organizations recognize the importance of incorporating sustainability in their activities to respect regulations and create value for their customers and society (Hasan et al., 2019). Research also shows that the stronger an individual's sustainability awareness, the higher the likelihood that they engage in sustainable practices in their professional working field (Seidel et al., 2018). Sustainability education in Higher Education Institutions has the potential of creating change agents in society. Now, more than ever, businesses and their leaders need to have the capability to not only focus on the economic outcome of their activities but also the social and environmental outcomes.

This course focuses on addressing the need to offer a sustainability education to build sustainable Digital Enterprise Management program graduates particularly and the ICCIT graduate broadly. This course aims to offer a holistic approach to sustainability that is based not only on theoretical concepts but on the practical application of sustainability in a digital enterprise context.

This course is targeted to students interested in the interaction between technology, management and sustainability. Students are required to have a good knowledge of management principles in order to reflect on them in light of sustainability requirements.

At the end of the course, students will be able to:

- Define the concept of sustainable development, explain the main elements of sustainability and their interconnections;
- Synthesize the United Nations' Sustainable Development Goals (SDGs) program;
- Review the sustainability issues raised by technologies and suggest responses to these issues;
- Adopt and promote the responsible behaviors expected of a professional in the workplace as well as in the local and global communities;
- Apply the principles of responsible innovation in digital projects;
- Develop innovative ideas for using technologies to advance sustainable Development.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

The course will require a classroom and TA support for two tutorials. Resource Implications form to follow with details.

## 29 Course Modifications:

CCT112H5: Introduction to Management in the Networked Information Economy

**Title:**

**Previous:** Introduction to Management in the Networked Information Economy

**New:** Foundations of Management

**Description:**

This course introduces students to the foundational principles and analytical tools from the management discipline ~~that are appropriate for understanding enterprises in link with today's economic and technological advancements the context of the networked information economy~~. Particular emphasis is given to the interconnections between information and communications technologies, innovation, the role of managers and their decision-making processes, and related social, cultural, and economic institutions.

**Rationale:**

The rationale behind changing the title and description is that the concept of the networked information economy is outdated and does not correspond anymore to what is used to define today's economy. I suggested changing the title to "foundations of management" because it represents the core of the course, without limiting it to the digital context or any new "label" (digital, networked, or others) that could change in a few years.



**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

None

## CCT260H5: Web Culture and Design

**Title:**

Web Development Culture and Design I

**Description:**

**Previous:** The course will explore how the web has influenced culture and how websites are designed and managed. Topics will include the presentation of text, graphics, audio and video on the web. Design, web server concepts, human communication systems and organizational contexts will be considered in creating web sites using scripting languages and web software tools.

**New:**

This course will explore foundational techniques of web development and design in the context of human-centred technologies, and design of experiences, interfaces and interactions. Topics include development of semantic web properties using contemporary programming techniques; standards-based design of responsive accessible systems; and production of rich media for online displays.

**Rationale:**

The course title and description are changed to reflect industry trends in professional full-stack training, job-market demands and strong student interest, complementing requirements of other design, digital and enterprise courses at ICCIT, while scaffolding on 5 years of successful delivery at Sheridan College with the view to migrate Sheridan courses to ICCIT. This course is the first foundational in the 3-course series of web development and design.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

None

## CCT273H5: Professional Practice and Communication

**Prerequisites:**

70% in CCT110H5 or (WRI173H5 or WRI203H5), ~~departmental approval.~~

**Rationale:**

We are updating the prerequisites to include WRI173H5 and removing departmental approval. Upon completion of the prerequisites, students can enroll in the course.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

None.

## CCT305H5: Design and Implementation of Multimedia Documents

**Description:**

~~(Offered at Sheridan College)~~ The principles and techniques of user-centered, functional design are introduced and applied to the analysis of software interfaces and the creation of multimedia documents. The roles of shared metaphors and mental models in clear, concise and usable designs are emphasized. Students will produce multimedia documents, which make effective use of text, colour, user input, audio, still, and time-based images.

**Rationale:**

Update to offering campus reflects that the course will now be a UTM-based course taught by UTM faculty, in line with the decision to make the CCIT Major and DEM Specialist solely UTM programs (i.e. no longer joint with Sheridan College).

**Resources:**

See Major Modification proposal to change the program delivery mode of DEM Specialist and CCIT Major (May 9, 2022 AAC Meeting)

## CCT320H5: Communication, Technology, and Social Change

**Description:**

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 ~~change engage challengers have used~~ media and technology to disrupt ~~social norms and, in many cases, overthrow leaders, corporations, and practices that perpetuate inequality governments~~. This will bring us in contact with theories of social movement mobilization, political communication, and digital media. We ~~may will~~ also explore the ways that legacy and digital media have changed to be in service of misinformation and state repression.

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Online

**Rationale:**

See OBD Proposal submission. For Course Description change: Grammatical fixes to first sentence; clarification changes to second sentence, making more clear and less wordy; small changes to last sentence changing “we will” to “we may” as this is not necessarily something I personally cover in teaching the class but understand others might.

**Resources:**

None.

## CCT333H5: Social Innovation

**Description:**

~~(Offered at Sheridan College)~~ This course introduces students to the strategies and processes of social innovation through usability studies, systems analysis, and artifact prototyping for new products or services for underserved groups. Students will learn various techniques of understanding user needs requirements and design methodologies, and apply this knowledge to create socially innovative prototypes to apply to real world situations. By the end of this course, students will have worked in groups to develop design alternatives for a technological artifact or system of their choosing, gain knowledge of human-centred design strategies and learn how to become change agents through case studies, best practice analyses, and relevant readings.

**Rationale:**

Update to offering campus reflects that the course will now be a UTM-based course taught by UTM faculty, in line with the decision to make the CCIT Major and DEM Specialist solely UTM programs (i.e. no longer joint with Sheridan College).

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

To be determined.

## CCT340H5: Gender, Media and Technology

**Prerequisites:**

CCT109H5 and CCT110H5 and (CCT200H5 or CCT210H5 or CCT222H5 or WRI173H5 ~~CCT222~~ or WRI203H5)

**Rationale:**

We are updating the prerequisites to include WRI173H5.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

None.

**CCT352H5: History and Practice of Design****Description:**

~~(Offered at Sheridan College)~~ This course examines the historical development of communication design from the industrial revolution to the present. The student will focus on the emergence of design practice and theory in changing economic, technological and social contexts.

**Rationale:**

Update to offering campus reflects that the course will now be a UTM-based course taught by UTM faculty, in line with the decision to make the CCIT Major and DEM Specialist solely UTM programs (i.e. no longer joint with Sheridan College).

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

To be determined.

**CCT353H5: Digital Media: Video****Description:**

~~(Offered at Sheridan College)~~ This course will explore the theoretical and practical aspects of producing narrative time based imagery within a digital environment. The conceptual and digital tools as well as workflows and delivery systems that have been developed to produce images will be explored.

**Rationale:**

Update to offering campus reflects that the course will now be a UTM-based course taught by UTM faculty, in line with the decision to make the CCIT Major and DEM Specialist solely UTM programs (i.e. no longer joint with Sheridan College).

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

To be determined.

**CCT356H5: Online Advertising and Marketing****Description:**

~~(Offered at Sheridan College)~~ This course investigates the industrial practices and tools of effectively marketing and promoting goods and services online. Topics include analysis of contemporary online advertisement design, the effective use of social media technologies in product marketing, planning online campaigns that reinforce and complement existing marketing and advertising efforts, and understanding key metrics used to evaluate a campaign's effectiveness.

**Rationale:**

Update to offering campus reflects that the course will now be a UTM-based course taught by UTM faculty, in line with the decision to make the CCIT Major and DEM Specialist solely UTM programs (i.e. no longer joint with Sheridan College).

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

To be determined.

## CCT357H5: Digital Media: Photography

**Description:**

~~(Offered at Sheridan College)~~ This course will explore the theoretical and practical aspects of producing theme based single and sequential imagery within a digital environment. We will explore the conceptual and digital tools as well as workflows and delivery systems that have been developed to produce images.

**Rationale:**

Update to offering campus reflects that the course will now be a UTM-based course taught by UTM faculty, in line with the decision to make the CCIT Major and DEM Specialist solely UTM programs (i.e. no longer joint with Sheridan College).

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

To be determined.

## CCT360H5: Intermediate Web Design

**Title:**

~~Intermediate~~ Web Development and Design II

**Description:**

**Previous: (Offered at Sheridan College)** This course builds upon the concepts introduced in Web Culture and Design and expands upon them to include the theory and practical aspects of creating modern, compliant standards for websites. Its focus is primarily on the design and presentation of websites on the client side. Students will learn how to develop websites for consumption on various platforms including desktop browsers, mobile devices, etc.

**New:** This course will introduce advanced standards-based frameworks that support the development of responsive front-end systems. Key concepts covered in this course include the application of advanced markup and design strategies, scripting languages applied to dynamic interactions, frameworks and code version control, and foundations of server-side implementations.

**Rationale:**

The course title and description are changed to reflect industry trends in professional full-stack training, job-market demands and strong student interest, complementing requirements of other design, digital and enterprise courses at ICCIT, while scaffolding on 5 years of successful delivery at Sheridan College with the view to migrate Sheridan courses to ICCIT. This course is the second intermediate course in the 3-course series of web development and design. Update to offering campus reflects that the course will now be a UTM-based course taught by UTM faculty, in line with the decision to make the CCIT Major and DEM Specialist solely UTM programs (i.e. no longer joint with Sheridan College).

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

To be determined.

## CCT386H5: Information Practice in Virtual Worlds: Exploration of Information Environments

**Description:**

Virtual environments From Webkinz to World of Warcraft, in the past decade immersive, 3D gaming environments accessed via computers have driven the technological and social development of virtual worlds. With or without the gaming aspects, virtual reality headsets, comprise a unique and futuristic communication environment. Virtual environments worlds have the potential to support a wide variety of activities related to information creation, distribution, and reception, and can support use in supporting social, economic, and cultural causes. Compared to everyday information practices, however, those enacted in virtual worlds are uniquely characterized by multimodality, synchronicity, digital embodiment and geographic distribution of users. In this course, students engage in participatory learning in virtual environments such as Second Life and World of Warcraft, using avatars to assess how the world's technological and social affordances features support and constrain information practices. Using theories of gaming, virtuality, and information lifecycles, students critically analyse how information is produced and used in these environments.

**Rationale:**

As virtual environments evolve, some immersive environments have become outdated (e.g. Webkinz) or better options for participatory learning within virtual environments are now available. The change to the description is to focus on the content and theoretical framework of the class rather than specific platforms.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

## MGD427H5: Advanced Legal Issues

### Exclusions:

MGM390H5 or MGT393H5 ~~MGM393H5~~ or MGT394H5 ~~MGM394H5~~ or MGT423H5 ~~MGM423H5~~ or MGT429H5 ~~MGM429H5~~

### Rationale:

Updating course designator on prerequisite courses

### Consultation:

### Resources:

None.

## MGD429H5: Data Analysis II

### Contact Hours:

### Previous:

**New:** Lecture: 24

### Description:

**Previous:** This course builds on CCT226H5, Data Analysis I, focusing mainly on the data analysis and management in a database context. Topics covered include behavioural modeling, click stream analysis, Web traffic analysis and other modeling and analysis topics that are relevant in a digital context.

**New:** This course offers an overview of data analytics principles, approaches, and technologies that allow businesses to generate business intelligence. Business intelligence refers to all the means required to collect, exploit and analyze data in order to provide the right information to decision-makers at the right time. This course is designed for individuals interested in Business Intelligence practices and analysis from a management point of view, without a detailed focus on statistical or programming methods.

### Rationale:

We are updating the course description. The rationale behind changing this description is that it specifically limits the course to a few data analytics practices. I rather present a holistic approach to data analytics projects in organizations starting from data cleaning to data visualization without going into the detail of statistical and computer programming methods.

### Consultation:

ICCIT Curriculum Committee, September 2022.

### Resources:

None.

## WRI173H5: Creative Non-Fiction

**Description:** This course is an introduction to creative nonfiction as both a genre ~~Examines theory~~ and a methodological tool for a variety of fields. It explores creative ~~offers practice in expressive~~ narrative approaches by professional writers in ~~in~~ the form of journalism, documentary, ethnography, memoir, ~~most basic prose mode~~ and narrative essay. This course also serves to begin and/or strengthen students' own writing practice through craft-oriented workshops ~~the foundation for other prose modes~~. Students explore ideas about product and process, form and meaning. Students will experiment with syntactic structures to explore how the form of language serves, or fails to serve, intention and the expression of meaning that may be understood and interpreted by others. ~~The course draws on theorists including Aristotle, Chomsky, Elbow, Kinneavy, Britton, Bakhtin.~~

### Rationale:

We are adjusting this course description to better match the course title and to better serve the PWC program as an introductory survey. The new description allows for coverage of a variety of kinds of reading and writing rather than the previous description's exclusive focus on the expressive narrative mode.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

None.

## WRI227H5: Social Media and Content Creation

**Description:**

Examines theory and offers practice in creating content for Social Media. The course explores the growth of the Web, from information gathering to interactive and cooperative information/opinion dissemination. Students will critically examine the rhetorical practices of Social Media users and how these practices currently shape communications. Students will create and maintain individual **content creation projects** **blogs**. **The course draws on a range of theorists and social media and web experts, including Marshall McLuhan, Tim Berners-Lee, Darren Barefoot and Julie Szabo, Seth Godin, Guy Kawasaki, Chris Brogan and Julien Smith.**

**Rationale:**

We are updating the course description and removing anachronistic language and references to specific theorists that a given instructor may or may not employ in their own version(s) of this course.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

None.

## WRI273H5: Specialized Prose

**Description:**

Examines theory and offers practice in nonfiction **narrative prose** with a **range of** specialized **purpose purposes**. Students will explore conceptions of genre and the way genre shapes, and is shaped by, the social context of communications- **The course considers rhetorical devices and figures of speech, such as metaphor and irony, and the way these formal elements influence meaning and the way their application depends on a community of understanding. The course draws from a range of theorists from Aristotle to Rorty, Bazerman, and Fish.**

**Rationale:**

We are adjusting this course description to be an instructor -dependent deep dive into one genre (autoethnography, graphic narrative, digital storytelling, etc.) providing an opportunity for professors across our Institute (CCT, DEM, TCS) to teach it and create cohesion across all programs.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

None.

## WRI310H5: Social and Professional Languages

**Prerequisites:**

**WRI227H5** ~~**WRI292H5**~~ or **WRI273H5** or **WRI291H5** or **WRI292H5** or **WRI293H5**

**Rationale:**

Adding more 200-level WRI courses to prerequisites will allow students in the PWC Minor program more flexibility with their upper year WRI courses. The current prerequisites limit students in the PWC Minor if they do not complete WRI291H5 or WRI273H5 in their second year of study.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

None.

## WRI330H5: Oral Rhetoric

### Description:

Examines the rhetoric of speech drawing on theorists from Plato to Havelock to Ong, and considers implications of "great leap models" that present orality and literacy on a continuum. This course considers a range of oral practices from informal to formal, and from spontaneous to research-based and examines a range of rhetorical modes: dialogue, storytelling, ~~"street-talk,"~~ reporting, debate and presentational address. Significant course time will be devoted to students' oral performance, both individual and team-based. ~~[24L]~~

### Prerequisites:

WRI227H5 ~~WRI292H5~~ or WRI273H5 or WRI291H5 or WRI292H5 or WRI293H5

### Rationale:

We are removing anachronistic language and references to specific theorists that a given instructor may or may not employ in their own version(s) of this course. Updating prerequisites - Adding more 200-level WRI courses to prerequisites will allow students in the PWC Minor program more flexibility with their upper year WRI courses. The current prerequisites limit students in the PWC Minor if they do not complete WRI291H5 or WRI273H5 in their second year of study.

### Consultation:

ICCIT Curriculum Committee, September 2022.

### Resources:

None.

## WRI340H5: Critical Reading and Listening

### Prerequisites:

WRI227H5 ~~WRI292H5~~ or WRI273H5 or WRI291H5 or WRI292H5 or WRI293H5

### Rationale:

We are updating the prerequisites. Adding more 200-level WRI courses to prerequisites will allow students in the PWC Minor program more flexibility with their upper year WRI courses. The current prerequisites limit students in the PWC Minor if they do not complete WRI291H5 or WRI273H5 in their second year of study.

### Consultation:

ICCIT Curriculum Committee, September 2022.

### Resources:

None.

## WRI363H5: Communicating in a World of Data

### Description:

This course examines ~~how professionals~~ ~~theory and offers practice~~ in a variety of contexts ~~communicate~~ ~~analyzing,~~ ~~interpreting, and communicating~~ data ~~in an understandable and engaging manner~~. The course explores the growing relevance and allure of ~~data~~ ~~Data~~ in all its forms. Students will learn to interpret data to tell a story through numbers by creating infographics, writing informative articles from their own data mining, and presenting further findings at the end of the semester. ~~The course draws on a range of theorists and data experts including Arvind Sathi, Kenneth Cukier, Viktor Mayer-Schonberger, and Eric Siegel.~~

### Rationale:

We are updating the course description to remove anachronistic language and references to specific theorists that a given instructor may or may not employ in their own version(s) of this course.

### Consultation:

ICCIT Curriculum Committee, September 2022.



**Resources:**

None.

## WRI365Y5: Editing: Principles and Practice

**Prerequisites:**

WRI227H5 ~~WRI292H5~~ or WRI273H5 or WRI291H5 or WRI292H5 or WRI293H5

**Rationale:**

We are updating the prerequisites. Adding more 200-level WRI courses to prerequisites will allow students in the PWC Minor program more flexibility with their upper year WRI courses. The current prerequisites limit students in the PWC Minor if they do not complete WRI291H5 or WRI273H5 in their second year of study.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

None.

## WRI370H5: Writing about Place

**Prerequisites:**

WRI227H5 ~~WRI292H5~~ or WRI273H5 or WRI291H5 or WRI292H5 or WRI293H5

**Rationale:**

We are updating the prerequisites. Adding more 200-level WRI courses to prerequisites will allow students in the PWC Minor program more flexibility with their upper year WRI courses. The current prerequisites limit students in the PWC Minor if they do not complete WRI291H5 or WRI273H5 in their second year of study.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

None.

## WRI380H5: Podcasting

**Description:**

This course offers the skills and techniques needed to script, record and publish podcasts to the Web. Students will design and carry out original primary research to script, edit and produce independent podcasts. The course also explores the growing popularity of podcasts, and modern societies' shift into a secondary orality. - ~~The course draws on a range of researchers and theorists; including Aristotle, Walter, Wells, Lindstrom, McLuhan, Kawasaki [24L]~~

**Prerequisites:**

Completion of 8.0 ~~2.0 WRI~~ credits with a minimum CGPA of 2.0

**Rationale:**

We are updating the course description to remove anachronistic language and references to specific theorists that a given instructor may or may not employ in their own version(s) of this course.

We are updating the prerequisites to open the course to students outside of PWC. This will foster an interdisciplinary learning environment and enrich the course experience for PWC students.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

None.

## WRI395H5: Re-languaging: Writing Across Cultures and Languages

### Description:

**Previous:** Explores the issues beyond translation that bi- or multilingual writers face when they relanguage experiences in one culture and language into another. Students will consider humour, stereotypes, cultural representations, identities, rhetorical and narrative norms through the theoretical lenses of Bhabha, Bakhtin, Halliday, Lemke, Hall, Trinh and others. [24L]

**New:** Explores the practice and experience of writing across cultures, languages, and space. We examine writing as inflected through questions of translation, migration, colonialism, and social identity. Students will consider these themes through a historical and theoretical lens to sharpen analytic and writerly skills.

### Prerequisites:

Completion of 8.0 ~~2.0 WRI~~ credits with a minimum CGPA of 2.0

### Rationale:

We are updating the prerequisites to open the course to students outside of PWC. This will foster an interdisciplinary learning environment and enrich the course experience for PWC students. We are adjusting this course description to better match the course title and to better serve PWC's updated curriculum reflecting the theoretical and digital competencies of new faculty.

### Consultation:

ICCIT Curriculum Committee, September 2022.

### Resources:

None.

## WRI420H5: Making a Book

### Description:

Examines principles, procedures and practices in book publishing. Students, working collaboratively, will collect material for, design, edit, typeset, print and assemble books. Students will consider philosophical, aesthetic, and economic factors that guide publishing, editing and design decisions: **Students must apply using the on-line application form on the PWC website to take this course.** Students who do not receive formal permission may not take this course. [24L]

### Rationale:

Completion of an online application form is no longer required. Upon review of the student's academic record, eligibility to take the course is determined by the course instructor.

### Resources:

None.

## WRI430H5: Journalistic Investigation

### Description:

This course examines principles and practices in journalistic investigation and writing, and provides an introduction to the main socio-political issues related to contemporary journalism. The course will consider various models and formats of journalistic writing. Students will design and carry out investigative projects that culminate in a series of journalistic articles. The course will also analyze the Canadian media industry and its evolving labour market. [24L]

### Prerequisites:

A minimum of 1.5 WRI credits and (WRI291H5 or WRI378H5)

### Rationale:

We are updating the prerequisites. WRI378H5 was replaced with WRI291H5.

### Consultation:

ICCIT Curriculum Committee, September 2022.

**Resources:**

None.

WRI470H5: Writing Futures

**Impact on Programs:**

This proposal triggers modifications in the unit's program(s)

**Prerequisites:**

3.0 WRI credits ~~and permission of instructor~~

**Rationale:**

We are updating the prerequisites. Formal approval from the instructor is not required.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resources:**

None.

1 Retired Course:

CCT384H5: Inclusive Design and Social Responsibility

**Rationale:**

Sheridan Migration - no faculty interest. ICCIT Curriculum Committee agreed to retire the course.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

## 4 Minor Program Modification:

### CCIT - Major (Arts)

#### Completion Requirements:

8.0 credits are required including at least 4.0 at the 300/400 level. Program must be taken in combination with another major or two minors.

**First Year:** (1.0 credit required)  
CCT109H5 and CCT110H5

**Second Year:** (3.0 credits required)

1. CCT204H5 and CCT208H5 and CCT218H5
2. 0.5 credit from CCT200H5 or CCT206H5 or CCT210H5 or CCT222H5
3. 0.5 credit from CCT205H5 or CCT212H5 or CCT260H5
4. 0.5 credit from any 200-level CCT course

**Higher Years:** (4.0 credits required)  
Minimum of 4.0 credits ~~at UTM~~ from any 300/400 level CCT/VCC ~~course~~ ~~course~~, of which 1.0 credit must be at the 400 level.

#### NOTES:

1. All 200-level and higher ~~300/400-level~~ CCT courses are restricted to students in CCIT programs ~~only~~.
2. Students may take a maximum of 2.0 credits of VCC courses.
3. Students accepted into the CCT major prior to 2022 are still eligible to complete the Sheridan Certificate until 2024.

#### Description of Proposed Changes:

Updating completion requirements and access to CCT courses.

#### Rationale:

Provides clarity on completion requirements and access to CCT courses prior to acceptance in the program.

#### Consultation:

ICCIT Curriculum Committee, September 2022.

### Digital Enterprise Management - Specialist (Arts)

#### Enrolment Requirements:

**Limited Enrolment** — Admission Enrolment in this program is based on academic performance highly competitive. Meeting the minimum requirements does not guarantee admission. Minimum requirements include the following:

- A minimum of 4.0 credits completed at U of T
- CCT109H5 (CGPA with a minimum grade of 65%) in
- CCT110H5 (with a minimum grade of 4.0 credits that must include 65%)
- CCT112H5 (with a minimum grade of 65%)

#### NOTES:

1. Tuition fees for students enrolling in each of [CCT109H5](#) the DEM Specialist Program will be higher than for other Arts and [CCT110H5](#) and [CCT112H5](#) Science Programs. Each year the ICCIT program sets a
2. The minimum CGPA and grade (s) required CGPA for program entry are determined annually based on demand. This will vary from year to year and ~~it~~ is based, in part however, on supply and demand never below the stated minimums above.
3. All students (including transfer students) must complete 4.0 U of T credits before requesting this program.
4. Courses completed as CR/NCR will not count ~~be counted~~ as part of the 4.0 credits required for program entry. Tuition fees for students enrolling in the DEM Specialist Program will be higher than for other Arts and Science Programs.

**Completion Requirements:**

13.5 credits are required.

**First Year:** CCT109H5 and CCT110H5 and CCT112H5

**Second Year:**

- CCT203H5 and CCT206H5 and CCT219H5 and CCT221H5 and CCT224H5 and CCT225H5 and CCT261H5

**Higher Years:**

1. CCT321H5 and CCT324H5 and (CCT328H5 or MGD428H5) and (CCT325H5 or MGD425H5) and CCT354H5 and CCT355H5 and CCT361H5
2. CCT424H5 and CCT461H5 and MGD421H5 and MGD426H5
3. 1.0 credit from CCT401H5 or CCT410H5 or CCT476H5 or MGD415H5 or MGD427H5.
4. 2.0 credits of CCT or MGD at the 300- or 400-level. Cannot include any courses already used above.

**Notes:**

1. Students cannot combine the Digital Enterprise Management Program with the CCIT Major program, or the Management Major Program or the Commerce Major **program or Technology, Coding and Society major program**.
2. Students are encouraged to review CCT 300 and 400 level elective courses in advance, and take necessary 200 level CCT courses to meet prerequisites in higher years.
3. Student who cannot complete CCT219H5, due to exclusion with ECO100Y5 or ECO101H5 or ECO102H5, will need to take **any** 0.5 credit from any **200-level or higher 200/300-level CCT course** or **400-level MGD course** in its place.

**Description of Proposed Changes:**

Re-entering enrolment requirements statement and updating completion requirements notes--adding Technology, Coding & Society to #2 and revising wording in #3.

**Rationale:**

Enrolment requirements based on academic performance (CGPA) into program was inadvertently omitted in previous year. Re-entered academic performance (CGPA) statement to ensure admission accuracy and student expectations when applying into program. Updates in the notes provide clarity on completion requirements.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

## Professional Experience Certificate in Digital Media, Communication and Technology

**Description:**

The Professional Experience Certificate in Digital Media, Communication and Technology program provides eligible students the opportunity to integrate work placements into their ICCIT program of study. The certificate offers students authentic learning experiences outside the classroom that involve the application of skills and concepts learned in the classroom through a 12-16 week non-credit paid work term and a course-based internship. This certificate program must be taken in addition to any of the current ICCIT programs.

Students enrolled in the certificate program also complete two professional practice courses in class(1.0 credit), CCT273H5 Professional Practice and Communication, and CCT373H5 Career Planning and Development, as well as 0.5 credit from CCT409H5 Special Topics in Work-Based Learning or CCT410H5 CCIT Internship I or WRI410H5 Internship I that count toward their program requirements.

Students will be eligible to apply for this certificate program at the end of their second year of study. Requests to enrol in this certificate program subject post will **only** be assessed through **the same process and timelines used for all other**

UTM subject post requests (i.e. requests for subject posts are made in the Spring term and Summer terms via Acorn with notification of acceptance/invitations made available in the late Summer and/or early Fall).

Students will be awarded the certificate via a transcript notation upon successful completion of the four required courses and one 12-16 week full-time work placement.

**Description of Proposed Changes:**

Updating the subject post offering to ensure we are only making offers in the spring (April/May) period, and not in Fall (August/September) period too.

**Rationale:**

There was a slight change needed for the wording to ensure that we are only doing the spring subject post request period (April/May). The additional semester Fall (August/September) period turnaround time means that students need to be interviewed in late August and early September which is the busiest time for Advising and faculty/librarians, which is unnecessarily burdensome.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

Professional Writing and Communication - Major (Arts)

**Completion Requirements:**

8.0 credits are required.

First Year:

1. CCT109H5
2. CCT110H5
3. WRI173H5 or WRI203H5

Second Year:

1. WRI273H5 or WRI292H5 or WRI293H5
2. 0.5 credit from any 200-level WRI course

**Higher Years:**

5.5 credits from any 300 or 400 level WRI courses, including the options of CCT417H5 or CCT454H5. 0.5 credit must be at the 400-level.

**Description of Proposed Changes:**

- Updating the Completion Requirements to include a 3rd optional second year WRI course.
- Removing uninformative sentence in #1 notes.
- Adding note on prerequisite expectations.

**Rationale:**

Adding this optional course to the completion requirements enhances students' learning experience by providing them with an opportunity to develop and articulate their subject matter knowledge through writing and multimodal content development. The prerequisite note ensures students are clear on expectations to take senior level courses.

**Consultation:**

ICCIT Curriculum Committee, September 2022.

**Resource Implications:**

None.

## Professional Writing and Communication - Minor (Arts)

### **Completion Requirements**

4.0 credits are required.

#### **First & Second Years:**

**First Year:** WRI173H5 (0.5 credit)

**Second Year:** A minimum of 0.5 WRI credit at the 200-level

**Third & Fourth Years:** 3.0 WRI credits at the 300- or 400-level with a minimum of 0.5 credit at the 400-level.

#### **Note**

Students are encouraged to review 300 and 400-level WRI courses in advance, and take necessary 200-level WRI courses to meet prerequisites in higher years.

#### **Mode of Delivery:**

**Previous:**

**New:** In-Class

#### **Rationale:**

Ensuring students are clear on expectations to take senior level courses.

# Economics (UTM), Department of

## 10 Course Modifications:

### ECO200Y5: Microeconomic Theory

**Corequisites:**

MAT133Y5 or MAT135H5 or MAT136H5 or MAT135Y5 or MAT137H5 or MAT139H5 or MAT137Y5

**Rationale:**

Added MAT137H5 and MAT139H5 to list of course co-requisites. MAT135Y5 will be split into MAT137H5 and MAT139H5. Change being made to account for changes in courses.

### ECO202Y5: Macroeconomic Theory and Policy

**Corequisites:**

MAT133Y5 or MAT135H5 or MAT136H5 or MAT135Y5 or MAT137H5 or MAT139H5 or MAT137Y5

**Rationale:**

Added MAT137H5 and MAT139H5 to list of co-requisites.  
MAT135Y5 will be split into MAT137H5 and MAT139H5. Change being made to account for changes in courses.

### ECO204Y5: Microeconomic Theory and Applications (for Commerce)

**Title:**

Microeconomic Theory and Applications(for Commerce and Management )

**Description:**

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 a Commerce or Management the B.Com. program.**

**Corequisites:**

MAT133Y5 or MAT135H5 or MAT136H5 or MAT135Y5 or MAT137H5 or MAT139H5 or MAT137Y5

**Enrolment Limits:**

Enrolment in a B.Com Specialist or Major program

Enrolment in Management Specialist program

**Rationale:**

1. MAT137H5 and MAT139H5 due to split of MAT137Y5
2. ECO205Y5 cancelled due to declining enrolment, so Management students will take this course instead.

### ECO206Y5: Microeconomic Theory

**Prerequisites:**

[(ECO101H5(70%) and ECO102H5 (70%)) or ECO100Y5 (70%)]and [MAT133Y5 (80%) or MAT135Y5 (63%) or (MAT135H5 (63%) and MAT136H5 (63%)) or MAT137Y5 (60%) or (MAT137H5 (60%) and MAT139H5 (60%))]

**Rationale:**

Added MAT137H5 and MAT139H5 of pre-requisites due to split of MAT137Y5

**Resources:**

None.



ECO208Y5: Macroeconomic Theory

**Prerequisites:**

[(ECO101H5(70%) and ECO102H5 (70%)) or ECO100Y5 (70%)]and [MAT133Y5 (80%) or (MAT135H5 (63%) and MAT136H5 (63%)) or MAT135Y5 (63%) or MAT137Y5 (60%) or (MAT137H5 (60%) and MAT139H5 (60%))]

**Rationale:**

Added MAT137H5 and MAT139H5 due to split of MAT137Y5.

**Resources:**

None.

ECO209Y5: Macroeconomic Theory and Policy (for Commerce)

**Corequisites:**

MAT133Y5 or MAT135H5 or MAT136H5 or MAT135Y5 or MAT137H5 or MAT139H5 or MAT137Y5

**Rationale:**

Added MAT137H5 and MAT139H5 due to MAT137Y5 split

**Resources:**

None.

ECO220Y5: Introduction to Data Analysis and Applied Econometrics

**Prerequisites:**

[(ECO101H5(63%)and ECO102H5 (63%)) or ECO100Y5 (63%)]and [MAT133Y5 (63%) or (MAT135H5 and MAT136H5) or MAT135Y5 or (MAT137H5 and MAT139H5) or MAT137Y5]

**Rationale:**

Added MAT137H5 and MAT139H5 due to MAT137Y5 split.

## ECO227Y5: Foundations of Econometrics

**Prerequisites:**

[(ECO101H5(70%) and ECO102H5 (70%)) or ECO100Y5 (70%)]and [MAT133Y5 (80%) or (MAT135H5 (63%) and MAT136H5 (63%)) or MAT135Y5 (63%) or (MAT137H5 (60%) and MAT139H5 (60%)) or MAT137Y5 (60%)]

**Rationale:**

Added MAT137H5 and MAT139H5 due to MAT137Y5 split.

**Resources:**

None.

## ECO362H5: Economic Growth: Theory and Evidence

**Prerequisites:**

(ECO200Y5 or ECO204Y5 or ECO206Y5) and (ECO202Y5 or ECO208Y5 or ECO209Y5) and (ECO220Y5 or ECO227Y5 or (1.0 credit from STA256H5, STA258H5, STA260H5)) and (MAT133Y5 or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5) or MAT137Y5 or (MAT137H5 and MAT139H5))

**Rationale:**

MAT137H5 and MAT139H5 added due to MAT137Y5 split.

**Resources:**

None.

## ECO383H5: Introduction to Empirical Methods of Microeconomics

**Description:**

(Formerly: Economics of Education) For students who would like to learn more about economics data analysis - this course provides an intuitive introduction to empirical methods in microeconomics. The class begins with a self-contained and intuitive treatment of modern methods used in microeconomic data analysis. We then go on to study some interesting current empirical research, focusing on the education field, to see how those methods are applied. The course should prepare you to read current empirical research in microeconomics -- without any preparation, empirical papers can seem rather impenetrable. This course serves as a complement to and a foundation for 'Applied Econometrics I' (ECO375H5). ~~[24L]~~

**Prerequisites:**

(ECO200Y5 or ECO204Y5 or ECO206Y5) and [ECO220Y5 or ECO227Y5 or 1.0 credit from (STA256H5 or STA258H5 or STA260H5)]and [(MAT133Y5 or MAT135Y5 or (MAT135H5 and MAT136H5) or (MAT137H5 and MAT139H5) or MAT137Y5]

**Rationale:**

Added MAT137H5 and MAT139H5 due to MAT137Y5 split.

**Resources:**

None.

## 4 Course Revisions:

## 1 Retired Course:

## ECO205Y5: Microeconomic Theory and Applications (for Management)

**Rationale:**

Cancelled course to declining enrolment. Management students can enroll in ECO204Y5 to satisfy requirement.

## 7 Minor Program Modifications:

### Economics - Major (Arts)

#### Enrolment Requirements:

**Limited Enrolment** — Enrolment in the Major program is limited to students with 4.0 completed credits including:

- [ECO101H5 (63%) and ECO102H5 (63%)] or ECO100Y5 (63%); and
- MAT133Y5 (63%) or (MAT135H5 and MAT136H5) or (MAT137H5 and MAT139H5) or MAT135Y5 or MAT137Y5

Students enrolled in this program cannot be simultaneously enrolled in the Economics Minor (ERMIN1478) program.

#### Completion Requirements:

##### First Year:

[ECO101H5 (63%) and ECO102H5 (63%)] or ECO100Y5; and MAT133Y5 (63%) or (MAT135H5 and MAT136H5) or (MAT137H5 and MAT139H5) or MAT135Y5 or MAT137Y5.

##### Second Year:

ECO200Y5 or ECO204Y5 or ECO206Y5; and ECO202Y5 or ECO208Y5 or ECO209Y5; and ECO220Y5 or ECO227Y5 or (1.0 credit from STA256H5, STA258H5, STA260H5)

##### Higher Years:

2.0 credits in 300/400 level ECO courses

##### NOTE:

- ECO205Y5, ECO244Y5 and ECO261H5 cannot be used to fulfill the as requirements for this program.
- MGT437H5 can be used as an ECO 300/400 course to satisfy the program requirements for an Economics Major.

#### Description of Proposed Changes:

Added MAT137H5 and MAT139H5 as courses that can be used to satisfy program entry requirements.

#### Rationale:

MCS department has proposed a change to split their full year course (MAT13Y5) into MAT137H5 and MAT139H5. Change being made to account for changes in courses.

#### Resource Implications:

None.

### Economics - Minor (Arts)

#### Enrolment Requirements:

**Limited Enrolment** — Enrolment in the Minor program is limited to students with:

- 63% in ECO100Y5 or (63% in each of ECO101H5 and ECO102H5)
- MAT133Y5 (63%) or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5) or MAT137Y5 or (MAT137H5 and MAT139H5)

#### Completion Requirements:

4.0 credits are required, including one ECO course at the 300/400 level.

##### First Year:

1. 63% in ECO100Y5 or (63% in each of ECO101H5 and ECO102H5)
2. (MAT133Y5 (63%) or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5) or MAT137Y5 or (MAT137H5 and MAT139H5)).

**Second Year:** ECO200Y5 or ECO204Y5 or ECO206Y5

**Higher Years:** One additional ECO credit at the 300/400 level. Note: ECO205Y5, ECO244Y5 and ECO261H5 cannot be used to fulfill the requirements for this program.

**Description of Proposed Changes:**

Added MAT137H5 and MAT139H5 as courses that can be used to satisfy program entry and completion requirements.

**Rationale:**

MCS department has proposed a change to split their full year course (MAT13Y5) into MAT137H5 and MAT139H5. Change being made to account for changes in courses.

**Resource Implications:**

None.

Economics - Specialist (Arts)

**Enrolment Requirements:**

**Limited Enrolment** – Enrolment in this program is limited to students with:

- [ECO100Y5 (minimum 70%) or (a minimum 70% grade in each of ECO101H5 and ECO102H5)]; and
- ECO206Y5 (minimum 60%) and ECO208Y5 (minimum 60%); and
- ECO227Y5 (minimum 60%) or [STA258H5 (minimum 60%) and STA260H5 (minimum 60%)]; and
- One of the following:
  - MAT135Y5 (minimum 63%) and MAT223H5 (minimum 63%); or
  - MAT135H5 (minimum 63%) and MAT136H5 (minimum 63%) and MAT223H5 (minimum 63%); or
  - MAT133Y5 (minimum 80%) and MAT233H5 (minimum 63%); or
  - MAT134Y5 (minimum 63%) and MAT223H5 (minimum 63%); or
  - MAT132H5 (minimum 63%) and MAT134H5 (minimum 63%) and MAT223H5 (minimum 63%); or
  - MAT137Y5 (minimum 60%) and MAT223H5 (minimum 63%); or
  - MAT137H5 (minimum 60%) and MAT139H5 (minimum 60%) and MAT223H5 (minimum 63%)

Students should apply for this program at the end of their second year (8.0 credits), once they have completed the prerequisites listed above. It is recommended that students apply to the Economics Major program (ERMAJ1478) at the end of their first year (4.0 credits).

Students enrolled in this program cannot be simultaneously enrolled in the Financial Economics Specialist (ERSPE2722), Eco Major (ERMAJ1478), Eco Minor (ERMIN1478), or Commerce and Finance (ERSPE2034) program.

**Completion Requirements:**

13.0 credits are required.

First Year:

1. ECO100Y5 or (ECO101H5 and ECO102H5)
2. MAT133Y5 or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5) or MAT137Y5 or (MAT137H5 and MAT139H5).
3. MAT223H5 or MAT233H5

Higher Years:

1. ECO206Y5 and ECO208Y5 and [ECO227Y5 or (STA258H5 and STA260H5)]
2. ECO325H5 and ECO326H5 and ECO375H5
3. 1.0 credit in Economic History from: (ECO302H5 and ECO303H5) or ECO322Y5 or ECO323Y5
4. 5.0 additional 300+ level ECO credits, including at least 1.0 at the 400 level

**Specialist Programs**

Note:

1. Economics Specialist Program ERSPE1478 leads to an Honours BA degree.
2. 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.
3. Enrolment in Economics (Commerce) Specialist Program ERSPE0137 Program is open only to those who have been admitted to the BCom degree program.
4. ECO205Y5, ECO244Y5, and ECO261H5 cannot be used to fulfill the as requirements for this program.

**Description of Proposed Changes:**

Added MAT137H5 and MAT139H5 as courses that can be used to satisfy program entry and completion requirements.

**Rationale:**

MCS department has proposed a change to split their full year course (MAT13Y5) into MAT137H5 and MAT139H5. Change being made to account for changes in courses.

**Resource Implications:**

None.

Economics - Specialist (BCom)

**Enrolment Requirements:**

**Limited Enrolment** — This program may only be taken jointly with a Specialist program in Commerce which leads to a BCom degree. Students must be actively enrolled in one of these Commerce Specialist (BCom) Programs in order to qualify for this Economics Specialist program: ERSPE1704 or ERSPE2034 or ERSPE2273.

Additionally, enrolment in this program is limited to students with [70% in ECO100Y5 or (70% in each of ECO101H5 and ECO102H5)] and [80% in MAT133Y5 or (63% in MAT134Y5 or MAT135Y5) or (63% in MAT132H5 and MAT134H5) or (63% in MAT135H5 and MAT136H5) or 60% in MAT137Y5 or (60% in MAT137H5 and MAT139H5)] and 63% in MGT120H5 and a minimum CGPA which is determined annually.

Students enrolled in this program cannot be simultaneously enrolled in any other Economics program: Financial Economics Specialist (ERSPE2722), Economics Specialist (ERSPE1478), Economics Major (ERMAJ1478), Economics Minor (ERMIN1478).

**Completion Requirements:**

Within a BCom degree, 15.0 credits are required.

**First Year:**

1. ECO100Y5 or (ECO101H5 and ECO102H5)
2. MAT133Y5 or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5) or MAT137Y5 or (MAT137H5 and MAT139H5)
3. MGT120H5 and MGM101H5

**Higher Years:**

1. MGT Requirements (5.0 credits)
  - a. MGT220H5 and MGT223H5 and MGT231H5 and MGT232H5
  - b. 1.0 credit from: MGT252H5 or MGT262H5 or MGT353H5 or MGT363H5 or (MGT371H5 or MGT422H5) or MGT374H5 or MGT393H5
  - c. 1.0 credit in MGT at 200+ level
  - d. 1.0 credit in MGT at 400 level
2. ECO Requirements (6.0 credits)
  - a. ECO206Y5 and ECO208Y5 and [ECO227Y5 or (STA258H5 and STA260H5)]
  - b. ECO375H5
  - c. 1.0 credit in Economic History from: ECO302H5 or ECO303H5 or ECO322Y5 or ECO323Y5
  - d. ECO325H5 and ECO326H5
  - e. 0.5 credit in ECO at the 300+ level
3. Writing Component (1.0 credit). 1.0 credit chosen from the following:

- ~~ANT204Y5~~ or ANT204H5
- any CLA course(s), (excluding CLA201H5)
- ECO302H5 or ECO303H5 or ECO320Y5 or ECO320H5 or ECO321H5 or ECO335H5 or ECO336H5 or ECO343H5 or ECO344H5 or ECO373Y5 or ECO399Y5 or ECO433H5 or ECO435H5 or ECO456H5 or ECO463H5 or ECO475H5 (only one ECO course from the list may be taken)
- any PHL course (s), (excluding PHL245H5 or PHL246H5 or PHL247H5 or PHL344H5 or PHL345H5 or PHL346H5 or PHL347H5)
- any SOC course (s), (excluding SOC300Y5)
- any course (s) from ENG or FAH or HIS or HPS or LIN or POL or RLG or WRI

#### Description of Proposed Changes:

Added MAT137H5 and MAT139H5 as courses that can be used to satisfy program entry and completion requirements. Added ECO320H5 and ECO321H5 due to split of ECO320Y5. Removed ANT204Y5 (retired course).

#### Rationale:

MCS department has proposed a change to split their full year course (MAT13Y5) into MAT137H5 and MAT139H5. Change being made to account for changes in courses.

#### Resource Implications:

None.

### Economics and Political Science - Specialist (Arts)

#### Enrolment Requirements:

**Limited Enrolment** — Enrolment in this program is limited. For students applying in 2021–2022 for program entry in the 2022–2023 Academic Year, 4.0 credits are required, including the following:

- A mark of at least 70% in 1.0 credit of POL;
- A mark of at least 63% in ECO100Y5 or (63% in each of ECO101H5 and ECO102H5);
- MAT133Y5 (with a mark of at least 63%) or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5) or MAT137Y5; and
- A minimum CGPA of 2.00

Students enrolling at the end of first second year (4.0 8.0 credits) must obtain::

- 2.0 credits of POL (with a mark of at least 70% in each course) ;
- A mark of at least 63% in ECO100Y5 or (63% in each of ECO101H5 and ECO102H5) ;
- MAT133Y5 (with a mark of at least 63%) or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5) or MAT137Y5; and
- A minimum CGPA of 2.30

For students applying in 2022–2023 (and beyond) for program entry in the 2023–2024 Academic Year (and beyond), 4.0 credits are required, including the following

- A mark of at least 70% in 1.0 credit of POL;
- A mark of at least 63% in ECO100Y5 or (63% in each of ECO101H5 and ECO102H5);
- MAT133Y5 (with a mark of at least 63%) or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5) or MAT137Y5 or (MAT137H5 and MAT139H5); ~~MAT137Y5~~;
- ISP100H5; and
- A minimum CGPA of 2.00

Students enrolling at the end of second year (8.0 credits) must obtain:

- 2.0 credits of POL (with a mark of at least 70% in each course);
- A mark of at least 63% in ECO100Y5 or (63% in each of ECO101H5 and ECO102H5);
- MAT133Y5 (with a mark of at least 63%) or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5) or MAT137Y5 or (MAT137H5 and MAT139H5) ; ~~MAT137Y5~~;
- ISP100H5; and

- A minimum CGPA of 2.30

**Completion Requirements:**

14.5 ~~14.0~~ ~~14.5~~ credits are required.

For students entering the program in 2023-2024 (and beyond): ISP100H5 (0.5 credit)

**Economics:** 7.0 credits

1. ECO100Y5 or (ECO101H5 and ECO102H5)
2. MAT133Y5 or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5)
3. (ECO200Y5 or ECO204Y5 or ECO206Y5) and (ECO202Y5 or ECO208Y5 or ECO209Y5) and [ECO220Y5 or ECO227Y5 or (1.0 credit from STA256H5 or STA258H5 or STA260H5)]
4. (ECO302H5 and ECO303H5) or ECO322Y5 or ECO323Y5
5. 1.0 credit of ECO at the 300/400-level

**Political Science:** 7.0 credits in POL, including at least 1.0 credit at the 400 level and no more than 1.0 credit at the 100 level.

1. POL200Y5 and (POL215H5 and POL216H5) and POL309Y5
2. 1.0 credit each (total 2.0 credits) from two of the following three fields:
  - a. **Comparative Politics** - POL203Y5 or POL203H5 or POL218Y5 or POL354Y5 or POL300Y5 or POL302Y5 or POL303H5 or POL303Y5 or POL304Y5 or ~~POL309Y5~~ or ~~POL332Y5~~ or POL440Y5 or POL443H5 or POL443Y5 or POL438H5 or POL438Y5
  - b. **International Relations** - POL208Y5 or (POL209H5 and POL210H5) or POL310Y5 or POL311H5 or POL312H5 or POL327H5 or POL327Y5 or POL340Y5 or POL343Y5 or POL344H5 or POL345H5 or POL486Y5 or POL487H5
  - c. **Public Policy and Public Administration** - POL316Y5 or POL317Y5 or POL317H5 or POL318H5 or POL336H5 or POL336Y5 or POL346Y5 or POL353Y5 or POL355H5 or POL355Y5 or POL368H5 or POL368Y5 or POL369Y5 or POL370H5 or POL371H5 or JEP351H5 or JEP356H5 or JEP452H5 or JPE250Y5 or JPE251H5 or JPE252H5
3. 2.0 credits of POL

**Rationale:**

1. POL 309Y5 is in fact already a required course for the joint specialist program, so having it listed again as an optional course students may select creates confusion and difficulty for students and advisors. We think this small revision will correct this problem.
2. MCS department has proposed a change to split their full year course ( MAT13Y5) into MAT137H5 and MAT139H5. Change being made to account for changes in courses.
3. Changes to course list resulting from changes to POL courses made earlier in the cycle.

**Resource Implications:**

None.

Financial Economics - Specialist (Science)

**Enrolment Requirements:**

**Limited Enrolment** — Enrolment in this program is limited to students with:

- 70% in ECO100Y5 or (70% in each of ECO101H5 and ECO102H5)
- 70% in ECO206Y5 and 70% in ECO208Y5
- 70% in ECO227Y5 or [STA256H5 (70%) and STA260H5 (70%)] or [STA257H1 (70%) and STA261H1 (70%)]
- One of the following:
  - MAT135Y5 (minimum 63%) and MAT223H5 (minimum 63%)
  - MAT135H5 (minimum 63%) and MAT136H5 (minimum 63%) and MAT223H5 (minimum 63%)
  - MAT134Y5 (minimum 63%) and MAT223H5 (minimum 63%)
  - MAT132H5 (minimum 63%) and MAT134H5 (minimum 63%) and MAT223H5 (minimum 63%)

- MAT137Y5 (minimum 60%) and MAT223H5 (minimum 63%)
- MAT137H5 (minimum 60%) and MAT139H5 (minimum 60%) and MAT223H5 (minimum 63%)
- MAT157Y1 (minimum 60%) and MAT223H5 (minimum 63%)
- MAT133Y5 (minimum 80%) and MAT233H5 (minimum 63%)

There will be a limited number of spaces available to students with 8.0 credits (including the prerequisites listed above) and a CGPA of 3.30 or with the approval of the Chair or Associate Chair of the Economics Department.

Students enrolled in this program cannot be simultaneously enrolled in an Economics Specialist (ERSPE1478 or ERSPE0137), Economics Major (ERMAJ1478), Economics Minor (ERMIN1478), or in the Commerce and Finance Specialist (ERSPE2034) program.

**Completion Requirements:**

13.0 credits, including at least 1.0 credit at the 400 level.

**First Year:**

1. ECO100Y5 or (ECO101H5 and ECO102H5)
2. One of the following:
  - i. MAT133Y5 and MAT233H5; or
  - ii. MAT135H5 and MAT136H5 and MAT223H5

Note: (MAT135H5 and MAT136H5) can be replaced by MAT135Y5 or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT137Y5 or (MAT137H5 and MAT139H5) or MAT157Y1

**Higher Years:**

1. ECO206Y5
2. ECO208Y5
3. ECO227Y5 or (STA256H5 and STA260H5)
4. ECO325H5 and ECO326H5
5. ECO375H5
6. ECO358H5 and ECO359H5
7. 5.0 credits of ECO at the 300/400-level of which at least 1.5 credits must be chosen from ECO348H5, ECO349H5, ECO356H1, ECO434H5, ECO440H5, ECO456H5, ECO460H5, ECO461H5, ECO462H1, ECO463H5, ECO475H5. Not more than 1.0 credit in Economic History.

**Description of Proposed Changes:**

Added MAT137H5 and MAT139H5 as courses that can be used to satisfy program entry and completion requirements.

**Rationale:**

MCS department has proposed a change to split their full year course (MAT137Y5) into MAT137H5 and MAT139H5. Change being made to account for changes in courses.

**Resource Implications:**

None.

International Affairs - Specialist (Arts)

**Completion Requirements:**

Within an honours degree, 14.5 credits are required, of which at least 1.0 must be at the 400 level.

**1. 7.0 credits are required from the following list:**

- (ECO101H5 and ECO102H5) or ECO100Y5;
- MAT133Y5 or (MAT135H5 and MAT136H5) or MAT135Y5;
- ECO200Y5 or ECO206Y5;
- ECO202Y5 or ECO208Y5;
- ECO220Y5 or ECO227Y5;
- POL209H5 and POL210H5;



- ECO364H5;
- ECO365H5.

**2. 3.5 language credits from one language discipline, with at least 1.0 credit at the 300/400 level:**

- French: FSL106H5, FSL205Y5, FSL305Y5, FSL405H5, FSL406H5, FSL466H5, FRE283H5, FRE382H5, FRE383H5.
- Italian: ITA100Y5, ITA200Y5, ITA231H5, ITA232H5, ITA315Y5, ITA350H5, ITA371Y5, ITA413Y5, ITA420Y5, ITA437Y5, ITA450H5.
- Spanish: SPA100Y5, SPA220Y5, SPA259H5, SPA320Y5, SPA323H5, SPA410H5, SPA420H5.

•Note: An alternate language option can be taken with the approval of the Department. Contact the Economics Academic Advisor for more information.

**3. 3.0 credits from:** ENV311H5, GGR325H5, GGR333H5, GGR365H5, (HIS311H5 or ECO302H5 or ECO303H5), POL302Y5, POL311H5, POL312H5, POL327Y5, POL327H5, POL340Y5, POL343Y5, POL344H5, POL345H5, POL362H5, or an alternate 300/400-level course with approval of the Department. A list of approved alternates is available on the Economics website - [https:// www.utm.utoronto.ca/economics/undergraduate-studies/course-information/course-notice](https://www.utm.utoronto.ca/economics/undergraduate-studies/course-information/course-notice).

**4. 1.0 credit from:** ECO400Y5, ECO406H5, ECO411H5, ECO433H5, ECO435H5, ECO436H5, ECO439Y5, ECO456H5, ECO460H5, ECO461H5, ECO463H5, ECO419H1, ECO459H1, POL475H5, or an alternate 400-level course with approval of the Department.

Note: Contact the Economics Academic Advisor to request course alternates for approval.

**Rationale:**

Changes to course list resulting from changes to POL courses made earlier in the cycle. Addition of reference to website for annually updated list of alternates that students can use for course planning.

**Resource Implications:**

None.

## Geography, Geomatics and Environment (UTM), Department of

### 1 New Course:

ENV435H5: Governing the Commons: Communities and Conservation

**Contact Hours:**

Lecture: 24

**Description:**

Common-pool resources (CPRs) include pastures, forests, watersheds, ocean fisheries, traffic, the Internet, and the Earth's climate. CPRs present a variety of social dilemmas because it is difficult to exclude and prevent resources users from accessing, using, and polluting a resource. Individual self-interest may put CPRs at risk of overuse, overconsumption, and exploitation to result in a "tragedy of the commons" scenario. However resource users across the world, have devised rules and strategies to avoid such tragedies to sustain CPRs over centuries. In this course, through playing games in the classroom, we will learn whether and how theories of collective action, cooperation, and institutions provide insight into achieving conservation of CPRs that delivers on the twin goals of social and environmental justice.

**Prerequisites:**

14.0 credits including GGR111H5 and GGR112 or ENV100Y5 or permission of instructor

**Rationale:**

This course will fill a gap in the Environmental Management program and will be a part of the Sustainability minor and Environmental Law and Policy minor. It will focus on how local communities collectively devise institutions such as agreements, rules, and norms to prevent overuse of resources, which is relevant to many of the environmental challenges of today such as collective action for achieving climate justice. This course should be of interest to students in the Environmental Management [and students in the Sustainability and Environmental Law and Policy minor] who would like to further understand challenges and approaches to successful common-pool resource management.

**Resources:**

None.

## 5 Course Modifications:

### ENV310H5: Sustainability

**New Course Code:**

ENV210H5

**Exclusions:**

**Previous:**

**New:** ENV310H5

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Hybrid

**Rationale:**

ENV310 should be 210 to serve as a foundational/gateway course in sustainability. It provides a broad overview of how sustainability thinking can be applied and integrated to other disciplines; thus, it serves a better purpose for the Minor in Sustainability to have it as a second-year foundation for upper-level courses.

As part of this course, students may have the option of participating in an international learning experience that will have an additional cost and application process.

See OBD Proposal submission for additional details related to change in delivery mode.

**Resources:**

IEC has been consulted.

### ENV311H5: Environmental Issues in the Developing World

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Hybrid

**Rationale:**

See OBD Proposal submission.

**Resources:**

None.

### GGR111H5: Human Geography

**Mode of Delivery:**

**Previous:** In Class

**New:** Online

**Resources:**

None.

#### GGR277H5: Social Research Methods in Geography

**Description:**

This course introduces students to the range of social research methods and approaches used in the field of human geography. The course will cover research design, research ethics, data collection methods including interviews, focus groups, surveys, etc., ethics in conducting research with human subjects, and data analysis and interpretation. This course fulfills 1 field day. ~~{24L, 12T}~~

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Hybrid

**Rationale:**

See OBD Proposal submission.

**Resources:**

None.

#### JGE378H5: Natural Hazards

**Description:**

Earth is a dangerous place and risk is an inherent feature of life on this planet. Some of the events and processes that we call "hazardous," such as earthquakes, volcanic eruptions, floods, tsunamis, cyclones, and forest fires are natural environmental processes. We define them as hazards only when they pose a threat to human interests. In this course we will examine natural hazards as well as some technological hazards -- their causes, their potential impacts on people, and their management and mitigation. ~~{24L, 12T}~~

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Online

**Rationale:**

See OBD Proposal submission

**Resources:**

None.

## 5 Minor Program Modifications:

### Environmental Law and Policy - Minor (Arts)

#### Enrolment Requirements:

**Limited Enrolment** — Enrolment in this program is limited to students who have completed ENV100Y5 with a mark of 60% or higher.

#### Completion Requirements:

4.0 credits are required, with at least 1.0 credit at the 300-400 level.

**First Year:** ENV100Y5

**Higher Years:** ENV201H5; JPE251H5 and JPE252H5 1.5 additional credits from: ECO373Y5; ENV210H5, ENV310H5, ENV311H5, ENV393H5, ENV430H5, ENV435H5; ENV422H1; GGR318H5; GGR329H5; GGR426H5; HIS318H5, HIS319H5; JEP351H5, JEP356H5, JEP452H5; PHL247H5, PHL271H5; POL346Y5

**NOTE:** Be sure to look ahead and plan to complete the prerequisites for any upper-level elective courses that are of interest to you. The ENV upper-level course electives typically rely only on the program's core courses as prerequisites, but upper-level electives from other departments could have different prerequisites, so be sure to check the Calendar listings for these courses and their prerequisites.

#### Description of Proposed Changes:

updated program course list with recent re-numbering changes we made to our courses. ENV310 is now ENV210. added new course as an option ENV435H5

#### Rationale:

Updated program course list to reflect recent changes

#### Resource Implications:

None.

### Environmental Management - Major (Arts)

#### Completion Requirements:

8.0 credits are required, of which at least 2.0 must be at the 300-400 level.

First Year: **2.0 credits:**

1. Environment Foundation: ENV100Y5
2. Foundation in Related Disciplines: 1.0 credit from: ANT102H5; ECO100Y5 or (ECO101H5 and ECO102H5); GGR111H5; POL111H5, POL114H5; SOC100H5

Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.

**Second Year:**

**3.0 credits:**

1. **Environmental Management Core:** ENV201H5
2. **Environmental Policy Core:** JPE251H5 and JPE252H5 (formerly JPE250Y5)
3. **Social Science/Humanities Core:** 0.5 credit from: ANT241H5; ENG259H5 ; ENV210H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR252H5, GGR265H5, GGR288H5; PHL274H5, PHL284H5
4. **Science Core:** 0.5 credit from: ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;
5. **Quantitative, Digital, and Analytical Methods Core:** 0.5 credit from: GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5; or another program-relevant 200/300-level Research Methods course, with permission of the Program Advisor

**Upper Years: 3.0 credits:**

- 1. Environmental Management Perspectives:** 1.0 credit from: ~~ENV310H5~~, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5, ~~ENV435H5~~; JEP452H5
- 2. Social, Economic & Policy Perspectives:** 1.0 credit from: ANT357H5, ANT368H5, ANT370H5, ANT463H5, ANT464H5; ECO373Y5; ENV305H5, ~~ENV310H5~~, ENV311H5, ENV320H5, ENV425H5, ENV430H5, ~~ENV435H5~~; GGR318H5, GGR322H5, GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR362H5, GGR365H5, GGR370H5, GGR415H5, GGR418H5, GGR419H5, GGR420H5, GGR426H5, GGR461H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5
- 3. Scientific Perspectives:** 0.5 credit from: ANT327H5; BIO311H5, BIO331H5, BIO333H5, BIO464H5; ENV495H5, ENV496H5; ERS312H5, ERS313H5, ERS315H5, ERS321H5; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR322H5, GGR337H5, GGR338H5, GGR374H5, GGR375H5, GGR376H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR440H5, GGR484H5; JGE378H5
- 4. Field, Project-based, Experiential, and Research Perspectives:** 0.5 credit from: ENV299Y5, ENV332H5, ENV399Y5, ENV496H5, ENV497H5; GGR335H5, GGR379H5, GGR389H5; JEG401Y5, JEG417Y5; or another program-relevant Field, Experiential, or Research course, with permission of the Program Advisor

**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.

**Note:** This is intended to be an interdisciplinary program. At least four different disciplines must be represented among the courses that are counted as program requirements. For example, a course list selected from ENV + GGR + ANT + POL is acceptable, but a course list selected only from ENV + GGR + ANT is not. Please contact the Program Advisors or Academic Counsellor if you have any questions about the validity of your course selections.

**Description of Proposed Changes:**

updated program course list with recent re-numbering changes we made to our courses. ENV205 is now ENV305, ENV310 is now ENV210. added our new course, ENV435H5 to the course list. removed STA215H5 since this course is being retired

**Rationale:**

updated program course list to reflect recent changes

**Resource Implications:**

None.

**Environmental Management - Minor (Arts)****Completion Requirements:**

4.0 credits are required, of which at least 1.0 must be at the 300-400 level.

**First Year: 1.0 credit:**

- 1. Environment Foundation:** ENV100Y5

Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.

**Second Year: 1.5 credits:**

- 1. Environmental Management Core:** ENV201H5

2. **Social Science/Humanities Core:** 0.5 credit chosen from this list: ENG259H5 ; ENV210H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR252H5, GGR265H5, GGR288H5; JPE251H5, JPE252H5;

3. **Science Core:** 0.5 credit chosen from this list: ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5

**Third Year: 1.5 credits:**

1. **Environmental Management Perspectives:** 1.0 additional credit chosen from this list: ANT357H5, ANT368H5, ANT370H5, ANT463H5, ANT464H5; ECO373Y5; ENV305H5, ~~ENV310H5~~, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5, ENV435H5; GGR318H5, GGR322H5, GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR362H5, GGR365H5, GGR370H5, GGR415H5, GGR418H5, GGR461H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; POL475H5; SOC465H5; WRI375H5

2. **Field, Project-based, Experiential, and Research Perspectives:** 0.5 credit chosen from this list: ENV299Y5, ENV332H5, ENV399Y5, ENV496H5, ENV497H5; GGR335H5, GGR376H5, GGR379H5, GGR389H5; JEG401Y5, JEG417Y5; or another program-relevant Field, Project-Based, or Research course, with permission of the Program Advisor

**Note:** This is intended to be an interdisciplinary program. At least three different disciplines must be represented among the courses that are counted as program requirements. For example, a course list selected from ENV + GGR + ANT is acceptable, but a course list selected only from ENV + GGR is not. Please contact the Program Advisors or Academic Counsellor if you have any questions about the validity of your course selections.

**Description of Proposed Changes:**

updated program course list with recent re-numbering changes we made to our courses. ENV205 is now ENV305, ENV310 is now ENV210. added new course ENV435H5 to course list

**Rationale:**

updated program course list to reflect recent changes

**Resource Implications:**

None.

Environmental Management - Specialist (Arts)

**Enrolment Requirements:**

**Limited Enrolment** - Enrolment in this program is limited to students who have completed ENV100Y5 with a mark of 65% or higher, and who have a CGPA of at least 2.0.

**Completion Requirements:**

12.0 credits are required, of which at least 4.0 must be at the 300-400 level, including at least 1.0 at the 400 level.

**First Year: 3.0 credits:**

1. **Environment Foundation:** ENV100Y5
2. **Economics Foundations:** ECO100Y5 or (ECO101H5 and ECO102H5)
3. **Foundations in Related Disciplines:** 1.0 credit from: ANT102H5; GGR111H5; POL111H5, POL114H5; SOC100H5

Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.

**Second Year: 4.5 credits:**

1. **Environmental Management Core:** ENV201H5

2. **Environmental Policy Core:** JPE251H5 and JPE252H5 (formerly JPE250Y5)

3. **Social Science/Humanities Core:** 1.0 credits from: ANT241H5; ENG259H5; ENV210H5, GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR252H5, GGR265H5, GGR288H5; PHL274H5, PHL284H5

4. **Science Core:** 1.0 credit from: ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5, ERS202H5, ERS203H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;

5. **Quantitative, Digital, and Analytical Methods Core:** 1.0 credit from: GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5, STA221H5

Upper Years: **4.5 credits:**

1. **Environmental Management Perspectives:** 2.0 credit from: ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5, ENV435H5; JEP452H5

2. **Social, Economic & Policy Perspectives:** 1.0 credits from: ANT357H5, ANT368H5, ANT370H5, ANT463H5, ANT464H5; ECO373Y5; ENV305H5, ENV310H5, ENV311H5, ENV320H5, ENV425H5, ENV430H5, ENV435H5; GGR313H5, GGR318H5, GGR322H5, GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR362H5, GGR363H5, GGR365H5, GGR370H5, GGR385H5, GGR415H5, GGR418H5, GGR419H5, GGR420H5, GGR426H5, GGR461H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5

3. **Scientific Perspectives:** 0.5 credit from: ANT327H5; BIO311H5, BIO331H5, BIO333H5, BIO464H5; ENV495H5, ENV496H5; ERS312H5, ERS313H5, ERS315H5, ERS321H5; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR322H5, GGR337H5, GGR338H5, GGR374H5, GGR375H5, GGR376H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR440H5, GGR484H5; JGE378H5;

4. **Field, Project-based, Experiential, and Research Perspectives:** 1.0 credit from: ENV299Y5, ENV332H5, ENV399Y5, ENV496H5, ENV497H5; GGR335H5, GGR379H5, GGR389H5; JEG401Y5, JEG417Y5 or another program-relevant Field, Experiential, or Research course, with permission of the Program Advisor

**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.

**Note:** This is intended to be an interdisciplinary program. At least four different disciplines must be represented among the courses that are counted as program requirements. For example, a course list selected from ENV + GGR + ANT + POL is acceptable, but a course list selected only from ENV + GGR + HIS is not. Please contact the Program Advisors or Academic Counsellor if you have any questions about the validity of your course selections.

#### **Description of Proposed Changes:**

Updated program course list with recent re-numbering changes we made to our courses. ENV205 is now ENV305, ENV310 is now ENV210.

removed STA215H5 since it is being retired. added new course ENV435H5

#### **Rationale:**

Updated program course list to reflect recent changes

#### **Resource Implications:**

None.

Sustainability - Minor (Arts)

#### **Completion Requirements:**

4.0 credits are required, with at least 1.0 credit at the 300-400 level.

**First Year:** ENV100Y5

**Higher Years:** ENV201H5; ENV210H5 ENV205H5; ENV305H5 ENV310H5 1.5 additional credits from: ENV307H1, ENV311H5, ENV320H5, ENV332H5, ENV425H5, ENV435H5 ; ENV461H1; GGR252H5, GGR287H5, GGR329H5, GGR419H5; JEP356H5, JEP452H5; JPE251H5, JPE252H5; POL346Y5, POL475H5; SOC459H5, SOC465H5

**NOTE:** Be sure to look ahead and plan to complete the prerequisites for any upper-level elective courses that are of interest to you. The ENV upper-level course electives typically rely only on the program's core courses as prerequisites, but upper-level electives from other departments could have different prerequisites, so be sure to check the Calendar listings for these courses and their prerequisites.

**Description of Proposed Changes:**

updated program course list with recent re-numbering changes we made to our courses. ENV205 is now ENV305, ENV310 is now ENV210. added new course to course list, ENV435H5

**Rationale:**

updated program course list to reflect recent changes

**Resource Implications:**

None.

## Language Studies (UTM), Department of

### 1 New Course:

GLB201H5: Global Leadership: Past, Present, Futures

**Contact Hours:**

Lecture: 14 / Tutorial: 24

**Description:**

The evolution and exercise of leadership is examined in the context of globalization. Terminology, case studies, and practical examples are used to consider questions such as: Why did globalization become a dominant frame? How have narratives of globalization changed over time? How does late 20th century globalization differ from earlier processes of colonization? What are expectations going forward? The assumed scale of globalization and how it manifests differently in various geographies, societies, and contexts is assessed. Students reflect on the uneven experiences of globalization in their own lives, communities, and worlds they observe and pass through. Students challenge ideas of how good leadership is conceived, the dynamics that are assumed (e.g., leaders and followers), and who/what might be left out (e.g., gender, race, class), today and in the future.

**Prerequisites:**

Completion of 4.0 credits.

**Rationale:**

This course serves as an introduction to students who are new to the Minor, as the first of three core courses. Topics and activities will allow them to explore and interrogate globalization and understandings of leadership across time, context and lenses.

This 200-level course feeds into this Minor and remote delivery will provide students in divisions across UofT the unique opportunity to build connections across all 3 campuses, which in itself contributes to the ideology of a "Global classroom", one of the cornerstones of the GLB Leadership Minor. Both online synchronous/asynchronous platform coupled with required pre-term co-curricular in-person activities provides students with this unique learning experience.

See OBD proposal for additional details.

**Resources:**



See Resource Implications Form.

## 2 Course Modifications:

JAL361H5: Language and Culture in Southeast Asia

**New Course Code:**

JAL351H5

**Title:**

Language and Culture: **Area study in Southeast Asia**

**Description:**

**Previous:** This course will review the rich tradition of research in linguistic anthropology in Southeast Asia while also drawing selectively on the equally rich tradition of research in socio-cultural anthropology. While the course will focus on the structures and uses of language, the discussion will be contextualized within a broader socio-historical and political frame that considers the long history of trade and migration that has shaped the region as well as the more recent legacies of colonialism, nationalism, socialism and post-socialist market reform.

**New:** This course offers an in-depth study of a particular region or language from a linguistic and anthropological perspective. In some cases this will involve focusing on a particular language or speech community (e.g., Vietnamese) including its historical development and the ways in which its boundaries have been defined. In other cases, it will involve a broader, regional approach (e.g., mainland Southeast Asia). Topics vary from year to year but may include semantic and grammatical structure, language variation and use, language pragmatics, poetry and poetics, literacy and orality, political discourse, historical linguistics and comparative reconstruction, language contact and shift.

**Prerequisites:**

ANT204H5 or ANT206H5 or JAL253H5 or LIN256H5 or permission of department

**Exclusions:**

**Previous:**

**New:** ANT361H5

**Rationale:**

(1) The materials covered in this course, drawn equally from anthropology and linguistics, fit within the JAL designation. The course will be of interest to students in the linguistics program who might not otherwise take a course in Anthropology.

(2) Redesignating this as a JAL course will help to reinvigorate the JAL course offerings. At UTM especially, there is good reason to development the JAL course stream since many of the linguists have interests that overlap with Anthropology (e.g., Derek Denis, Barend Beekhuizen). With the JAL course stream we can raise the quality of our offerings in linguistic anthropology.

(3) We rarely get students from language studies in this course and I suspect this is because it does not count toward program requirements.

**Consultation:**

Consultation with Prof. Derek Denis, from Language Studies and Rosa Ciantar, Academic Advisor and Undergraduate Program Administrator, Language Studies.

**Resources:**

Resource Implications Form submitted.

JAL466H5: Language in Anthropological Thought

**New Course Code:**

JAL453H5

**Title:**

**Previous:** Language in Anthropological Thought

**New:** Language and Social Theory

**Description:**

**Previous:** This course offers an advanced introduction to contemporary linguistic anthropology by means of a survey of recent dissertations and ethnographic monographs. In discussions and readings, we will consider their theoretical foundations, analytic goals and methodological orientations thereby tracking alternative approaches to foundational questions and, at the same time, sketching out some key intellectual genealogies of the field. [24S]

**New:** This seminar course considers the intersection of linguistics and anthropology, bringing ideas from contemporary and classical social theory to bear on questions central to both fields of study. Topics vary from year to year but may include any of the following: linguistic relativity; register formation; language variation; linguistic ideologies; racialization; political discourse; pragmatic and semiotic theory; language reform.

**Prerequisites:**

**Previous:** ANT204H5 or ANT206H5 and 0.5 credit at the 300-level in sociocultural or linguistic anthropology

**New:** ANT204H5 or ANT206H5 or JAL253H5 or LIN256H5 or permission of department

**Exclusions:**

ANT425H1 and ANT466H5

**Rationale:**

(1) The materials covered in this course, drawn equally from anthropology and linguistics, fit within the JAL designation. The course will be of interest to students in the linguistics program who might not otherwise take a course in Anthropology.

(2) Redesignating this as a JAL course will help to reinvigorate the JAL course offerings. At UTM especially, there is good reason to develop the JAL course stream since many of the linguists have interests that overlap with Anthropology (e.g., Derek Denis, Barend Beekhuizen). With the JAL course stream we can raise the quality of our offerings in linguistic anthropology.

(3) We rarely get students from language studies in this course and I suspect this is because it does not count toward program requirements.

**Consultation:**

Consultation with Prof. Derek Denis, from Language Studies and Rosa Ciantar, Academic Advisor and Undergraduate Program Administrator, Language Studies.

**Resources:**

Resource Implications Form submitted.

## Management (UTM), Department of

### 1 New Course:

MGT451H5: Business Strategy for the Digital Economy

**Contact Hours:**

Lecture: 24

**Description:**

Learn about the fastest growing sector of the economy and develop tools to analyze strategic problems within a business, and train rigorously, using theory and data, to think about new strategic opportunities for businesses in the digital age.

**Prerequisites:**

MGT120H5 and ECO204Y5

**Exclusions:**

MGT412H5 (Fall 2021 or Winter 2022 or Winter 2023)

**Rationale:**

The Department of Management would like to permanently code the course MGT412H5 as MGT451H5. The course has seen steady growth and with the marketing industry now more prevalent in the digital sphere, we believe that Marketing Specialist students should take the course. MGT412H5 (Fall 2021 & Winter 2022) will also be listed as an exclusion for the course for students that would have taken MGT412H5 in those academic sessions.

**Consultation:**

Faculty was directly consulted about this change.

**Resources:**

None.

### 20 Course Modifications:

MGM101H5: Introduction to Management Functions

**Contact Hours:**

**Previous: Lecture: 24**

**New: Lecture: 25**

**Description:**

This course shows how the principal management disciplines provide analytical tools for understanding organizations and their management, how the disciplines inter-relate and how they underpin the activities of organizations. ~~[24L]~~

**Rationale:**

The change of Total Instructional Hours to 25L is to more accurately reflect the Contact Hours of the course; to include the additional hour for Common Midterms done outside of class time in the same week that there is a lecture.

**Resources:**

None.

MGM102H5: Management in a Changing Environment

**Contact Hours:**

**Previous: Lecture: 24**

**New: Lecture: 25**

**Description:**

This course introduces the environment in which managers operate, and to the managerial role. It explores the Canadian business system, the economic, technological and social trends that are bringing about change in the system, and the basic principles of managing in this environment. Not open to students enrolled in the 3rd or 4th year of the Commerce Major or Specialist program. ~~{24L}~~

**Rationale:**

The change in Total Instructional Hours to 25L is to include the additional 1 hour for common midterms held outside of class time in the same week that a lecture takes place in. Therefore, it is to more accurately reflect the contact hours of the course.

**Consultation:**

Faculty was directly consulted about this change.

**Resources:**

None.

**MGT010H5: Effective Business Practices and Leadership Skills Capstone****Contact Hours:**

**Previous:** Lecture: 24

**New:** Lecture: 8

**Description:**

This culminating course offers students in the Effective Business Practices and Leadership Skills Certificate an opportunity to integrate and synthesize their academic learning with their work-integrated learning experience. Students will engage with other students in the certificate program to share their experiences, complete their final workplace reflection exercises, produce a written report of their workplace experience, and exhibit their experience in the form of a final poster presentation. This course is required for all students in the Certificate in Effective Business Practices and Leadership Skills. No credit is awarded for this course. ~~{24L}~~

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Online

**Rationale:**

The change of Total Instructional Hours to 8L is to better reflect the contact hours of the Business Certificate capstone course. See OBD proposal for additional details.

**Consultation:**

Faculty was directly consulted about this change.

**Resources:**

None.

**MGT223H5: Management Accounting I****Title:**

Managerial ~~Management~~ Accounting I

**Description:**

Covers conceptual and analytical foundations of cost accounting and uses of accounting by management. Cost concepts for product costing and decision making provide an understanding of the uses of accounting information by management. Costing and control concepts are analyzed to equip students with tools for establishing costing systems and to make decisions. ~~{24L, 24T}~~

**Prerequisites:**

**Previous:** At least a "C" in MGT120H5

**New:** MGT120H5

**Rationale:**

The Course Title change is to ensure consistency with MGT323H5 which is titled, "Managerial Accounting II". This will ensure students are more aware of the continuation of the subject in MGT323H5 from MGT223H5 and eliminate any confusion.

**Consultation:**

Faculty was directly consulted about this change.

**Resources:**

None.

MGT225H5: Intermediate Accounting II

**Contact Hours:**

**Previous:** Lecture: 24 / Tutorial: 12

**New:** Lecture: 25 / Tutorial: 12

**Description:**

Expands the analysis of financial accounting beyond MGT220H5. Technical topics include liabilities, shareholders' equity, complex financial instruments, accounting for leases, measuring and reporting pensions and earnings per share. The emphasis is on analysis and developing judgment ~~{24L, 12T}~~.

**Rationale:**

The change in Total Instruction Hours to 25L includes 1 additional hour for a common midterm held outside of class time, but in the same week as a lecture. Therefore, it is to more accurately reflect the contact hours for the course.

**Consultation:**

Faculty was directly consulted about this change.

**Resources:**

None.

MGT270H5: Data Analytics for Management

**Description:**

This course introduces the analytical mindset and data analytics skills that business professionals need ~~(Formerly MGM301H5)~~. Students will be introduced to analyze and evaluate a variety of ~~techniques for analyzing~~ data to create insights for making decisions. In particular, you will learn to ask the right questions, prepare relevant data, apply appropriate data analytics methods, ~~purposes of decision~~ and interpret results to answer questions ~~control~~. You will also learn to use common data analytics tools ~~Topics covered include mathematical modelling~~, such as Excel, Access (SQL), ~~decision analysis~~ and Tableau/Power BI to prepare, analyze, and model financial data ~~operations management~~. Finally, you will apply the analytical mindset and data analytics skills to address various business problems using financial and general business data. ~~{24L-12P}~~

**Corequisites:**

MGT218H5 or STA218H5 or ECO220Y5 or ECO227Y5 or ~~{STA250H1 and ECO256H5}~~ or {STA256H5 and STA258H5} or {STA256H5 and STA260H5}

**Rationale:**

This change is so that the Course Description more accurately reflects the course material being taught by the Faculty member.

ECO256H5 is removed from the corequisites as it is not a course that is offered by the Economics Department. This was confirmed by the Economics department. They mentioned that it may have meant to say STA256H5 which is already included in the corequisites.

**Consultation:**

Faculty was directly consulted about this change.

**Resources:**

None.

MGT301H5: Coding and Data Management for Business Analytics

**Exclusions:**

**Previous:**

**New:** MGT458H5

**Rationale:**

The course material in MGT458H5 is too similar to MGT301H5, and ultimately MGT458H5 will be cancelled in the following Curriculum Review for the 2024-25 Academic Calendar.

**Consultation:**

Faculty was directly consulted about this change.

**Resources:**

None.

MGT324H5: Equity Valuation and Analysis

**Contact Hours:**

**Previous:** Lecture: 24

**New:** Lecture: 24 / Tutorial: 11

**Rationale:**

The instructor can only teach basic concepts in the two contact hours during lectures. Students need to have opportunities to apply concepts to more complex and real-world examples. The additional tutorial hours will allow students to understand the course materials better.

**Consultation:**

Faculty was directly consulted about and requested this change.

**Resources:**

None.

MGT326H5: Advanced Accounting

**Description:**

The emphasis in this course is on accounting issues and practices relating to **intercompany long-term investments, consolidations, foreign currency transactions and foreign investments, agriculture, cryptocurrencies, and not-for-profit organizations. International accounting issues are also introduced.** Assigned material includes cases to ensure that the user impact of accounting choices is appreciated.

**Rationale:**

The change of the Course Description is more reflective of the current, ever-changing, landscape of the accounting profession and the CPA designation which now includes blockchain and cryptocurrency, and the accounting for it.

**Consultation:**

Faculty was directly consulted about this change.

**Resources:**

None.

## MGT330H5: Investments

**Description:**

Security analysis and portfolio management. Emphasis is placed on an analysis of bonds and common stocks. [24L]

**Prerequisites:**

MGT231H5 and MGT232H5 as prerequisite or co-requisite

**Rationale:**

Faculty have determined that students that have not taken MGT231H5 and MGT232H5 beforehand lack the foundational knowledge in those courses to be successful in MGT330H5. Furthermore, back when MGT232H5 was MGT339H5, students were able to take MGT330H5 concurrently, but with the change of the course to a 2nd year level, the co-requisite change was left in for the legacy students.

**Consultation:**

Faculty was directly consulted about this change.

**Resources:**

None.

## MGT336H5: Security Analysis

**Title:**

**Previous:** Security Analysis

**New:** Business Valuation

**Description:**

**Previous:** This course aims to introduce students to the fundamental concepts of security analysis . Through a combination of lectures, assignments, presentations, and experiential activities it will provide students with an overview of different theories and concepts that apply to security analysis and engage them in the process of conducting equity research and producing high quality reports and research notes. [24L, 12T]

**New:** This is a rigorous course on valuing securities, primarily equities, targeted at students interested in careers involving the analysis of financial statements. We will discuss how managerial discretion and accounting rules influence financial statements and how to analyze financial information to reveal a firm ' s true performance accurately. We will discuss the mechanics of forecasting and how to become adept at it. We will discuss the intricacies of different valuation models and understand the nuances that link them. Learning will be through lectures, case analyses, in-class exercises, and homework assignments. Almost all classes will involve an Excel-based activity, case discussion, and real-time data. At the end of the course, students can expect to gain significant expertise in all facets of valuation.

**Rationale:**

This change is so that the Course Description more accurately reflects the course material being taught by the Faculty member.

**Consultation:**

Faculty was directly consulted about this change.

**Resources:**

None.

## MGT371H5: Business Technology Management

**Contact Hours:**

**Previous: Lecture: 24 / Tutorial: 12**

## New: Lecture: 24 / Practical: 12

### Description:

This course covers key management decisions based on the impact of sustainable and disruptive technology and their role in strategy, profitable growth, and modern work environments. Unlike programming courses, the focus is on knowledge to help students contribute to technology based decisions in the organizations that they join.

~~{24L, 12T}~~

### Rationale:

The 12 hours originally noted as tutorial hours (12T) take place in a computer lab where students are directly using technology and seeing how it can apply to business decisions. Therefore, the 12 hours should be listed as 12P instead.

### Resources:

None.

## MGT373H5: Machine Learning

### Title:

**Previous:** Machine Learning

**New:** Predictive Analytics

### Contact Hours:

**Previous:** Practical: 24

**New:** Lecture: 24

### Description:

Delve into machine learning and its technical applications, obtain a conceptual understanding of prediction problems and algorithms, learn to interpret results using statistical software, and complete a challenging prediction project using real data that will put your knowledge to the test.

This course will introduce ~~the~~ students to a diverse collection of big data and machine learning techniques. These techniques are often aimed at identifying and quantifying various structures in ~~the~~ data to answer business problems and provide managerial insights. ~~Model validation and effective communication of model-based results will be stressed. The course will employ a "whitebox" methodology, which emphasizes an understanding of the algorithmic and statistical model structures. Following leading industry standards, the course will use Python to apply a number of different algorithms to real-world big data.~~

### Prerequisites:

MGT201H5 and ~~{~~ECO220Y5 or MGT218H5 or STA218H5 or (1.0 credit from STA256H5 or STA258H5 or STA260H5)~~}~~

### Exclusions:

MGT311H5(Winter 2021 or Winter 2022) or MGT417H5 (Winter 2021 or ~~and~~ Winter 2022 or Winter 2023)

### Rationale:

The changes to the Course Title and Description are to reflect updates to the material taught in the course. The faculty member would also like to teach the course in a classroom instead of a lab and therefore the Total Instructional Hours are changing from 24P to 24L.

Predictive Analytics is currently a Special Topics course MGT417H5. Faculty felt that the topics are similar and we would like to permanently code the course by using MGT373H5 which would have been taught by the same Faculty member. The decision to make it a third year course is also in line with providing Finance Specialist students with more 300-level options for their MGT electives.

### Consultation:

Faculty was directly consulted about this change.



**Resources:**

None.

## MGT430H5: Behavioural Finance

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Online

**Rationale:**

See OBD Proposal submission.

**Resources:**

None.

## MGT435H5: Financial Market Trading

**Contact Hours:**

**Previous: Practical:** 36

**New: Practical:** 24

**Description:**

This Li Koon Chun Finance Learning Centre (FLC) lab-based ~~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 the Python programming language and 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}~~

**Prerequisites:** ~~MGT330H5~~ and MGT231H5 and MGT232H5 and MGT330H5

**Rationale:**

The faculty member would like to reduce the contact hours as they no longer need the extra hour to teach course material. The additional contact hours could be redistributed for other courses.

The change to the Course Description is to reflect the updated course material and to include the use of the programming language Python.

**Consultation:**

Faculty was directly consulted regarding this change.

**Resources:**

None.

## MGT444H5: FinTech Innovation

**Title:**

FinTech, Blockchain, & Decentralized Finance Innovation

**Contact Hours:**

**Previous:** Lecture: 36

**New:** Lecture: 24

**Description:**

**Previous:** Over just the last few years, entrepreneurs in Canada and the rest of the world have founded hundreds of start-up firms that promise to change the financial industry fundamentally. Fueled by technological innovations, these so-called FinTech firms develop products and services that promise not only great costs

savings and efficiency gains, but that also threaten to eliminate century-old functions of traditional banks by digitizing and automating products and operations. And more than that, many of the technological developments allow new forms of customer-to-business interactions, new financial products, and new ways to analyze data. The course has two main objectives. First, it will introduce students to the emerging field of FinTech. We focus on two main technological innovations, blockchain technology and machine learning (which relates to artificial intelligence), that facilitate this transformation and that these FinTechs use. We will study the process of founding and financing of a FinTech startup. The second objective is to give students the opportunity to develop a viable FinTech product idea, based on a thorough analysis of the business models of two to three successful FinTech firms.

**New:** This course provides students with a solid understanding of the technologies, tools, and applications that will transform and define the financial industry over the next decade. Students will study the technological and economic mechanisms that make blockchain work, the services it hosts, how it disrupts the financial industry, the risks, how a decentralized protocol can be governed and regulated, and what problems Decentralized Finance (DeFi) solves. Students will also learn about smart contracts, types of tokens and their uses, digital money, oracles, stablecoins, DeFi-lending and DeFi-trading, crypto-regulation, and central-bank-issued digital currencies. This course is geared to Commerce and Management students and does not require engineering or computer science knowledge.

**Prerequisites:**

**Previous:**

**New:** MGT120H5 and ECO204Y5 and MGT330H5 (or equivalent)

**Exclusions:**

MGT411H5 (Fall 2020 or Fall 2021 or Fall 2022) or MGT415H5 **Special Topics in Management: FinTech**(Fall 2017 or, Fall 2018 or & Fall 2020)

**Rationale:**

The Faculty member has determined that the material in MGT411H5 which is a Special Topics course can be taught in MGT444H5 instead to update the course with the ever-changing market of Decentralized Finance and Blockchain Technology. MGT411H5 is also a popular course among students so instead of permanently coding the course we think it is better to repurpose MGT444H5.

**Consultation:**

Faculty was directly consulted regarding this change.

**Resources:**

None.

MGT458H5: Big Data and Marketing Analysis

**Exclusions:**

MGT301H5 and RSM456H1

**Recommended Preparation:**

**Previous:**

**New:** MGT201H5

**Rationale:**

While not mandatory for students a fundamental understanding of coding in MGT201H5 would be instrumental in the success of students in the course.

The course content of MGT301H5 is too similar to MGT458H5 and the Department of Management will eventually cancel MGT458H5 for the 2024-25 Academic Cycle.

**Consultation:**

Faculty was consulted directly about this change.

**Resources:**

None.

## MGT461H5: Negotiations

**Description:**

We negotiate every day - with potential employers, coworkers, roommates, landlords, parents, bosses, merchants, service providers, and even our friends and romantic partners. Negotiation is the art and science of securing agreements between two or more interdependent parties. It is a craft that must hold cooperation and competition in creative tension. It can be very difficult to do well. Even the most experienced negotiators often fall prey to common biases and errors in judgment. This course is highly experiential - students will practice, reflect, analyze, and practice again - and draws its insights from research in the cognitive, behavioral and social sciences. [24L]

**Prerequisites:**

**Previous:** Open to third and fourth year Commerce and Management students.

**New:** 3.0 credits in MGM/MGT at the 200-level

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Online

**Rationale:**

The instructor believes that given the experiential nature of the course, the extra hour would be highly beneficial since students would have the opportunity to engage in an experiential learning experience and debrief in the same session. What is currently happening is that they separate the experiential and theoretical components by a full week, and there's no way the experience will be as fresh in mind. The instructor has taught the course in this manner in the MMI program and believes this proposed new format would be most effective.

**Resources:**

A Resource Implications Form has been submitted.

## MGT463H5: Managing Global Organizations

**Prerequisites:**

**Previous:** MGT262H5

**New:** 3.0 credits in MGM/MGT at the 200-level

**Rationale:**

In discussion with the Faculty member the material taught in MGT262H5 is not required for students to be successful in MGT463H5.

**Consultation:**

Faculty was directly consulted about this change.

**Resources:**

None.

## MGT495H5: Entrepreneurial Finance and Private Equity

**Description:**

The primary objective of the This course is designed to improve students' ability introduce students to understand the concepts challenges and institutions involved pitfalls of financing new enterprises. We can think of entrepreneurial financing decisions in entrepreneurial finance and private equity. Private equity firms have demonstrated an ability to create value by acting as terms of a financial intermediary, between firms and ultimate investors life cycle. The course will provide students cycle begins with skill sets so they can analyze and understand entrepreneurial financing identifying opportunities and private equity from multiple perspectives: refining the perspective business plan, moves to marshaling resources to take advantage of the founder seeking these opportunities and receiving private equity

financing for their project; ~~executing~~ the perspective of the private equity fund (GP) ; ~~business plan~~, and, ~~ends with~~ ~~harvesting~~ the perspective of the limited partners (LP) that provide finance for private equity funds ~~venture's success~~.

**Prerequisites:**

MGT231H5 and MGT232H5

**Rationale:**

The changes to the Course Description are to better reflect the course material which has been updated by the Faculty member.

**Consultation:**

Faculty was directly consulted about this change.

**Resources:**

None.

1 Retired Course:

MGM222H5: Accounting Fundamentals II

**Rationale:**

The course is similar in content to MGT223 and therefore the decision is to have MGT223 absorb MGM222 and retire MGM222. Management and Commerce students have similar qualifications and therefore can will be able to take the course together. The prerequisites for MGT223H5 and MGM222H5 are also the same.

**Consultation:**

Faculty was consulted directly about this change.

## 9 Minor Program Modifications:

### Certificate in Effective Business Practices & Leadership Skills

#### Enrolment Requirements:

**Limited Enrolment:** Enrolment in the Certificate in Effective Business Practices & Leadership Skills is limited due to the experiential learning component. Students wishing to enrol at the end of their second year of study (minimum 7.0 credits) must have a minimum CGPA of 2.5. Please note that the CGPA requirement varies from year to year, based on the applicant pool, but will not fall below 2.5. Additionally, students must meet the following enrolment criteria:

1. ~~1.~~ Concurrent enrolment in one of the following programs:

- Human Resource Management, Specialist (BBA) ;
- Management, Specialist (BBA) ;
- Management, Major (HBA) ;
- Commerce, Specialist (BCom) ;
- Commerce: Accounting, Specialist (BCom) ;
- Commerce: Finance, Specialist (BCom) ;
- Commerce: Marketing, Specialist (BCom) ; or
- Commerce, Major (HBA)

2. Completion of the following courses prior to request for enrolment:

- **MGT231H5 - Business Finance I** ~~;~~ **and**
- **MGT262H5 - Psychology for Work**

3. Completion of at least ~~5~~ **15** points prior to the admission deadline in the Professional Skills Development Program (**must include with mandatory attendance at all of the following sessions:**

- **Career Investment Planning;**
- **Excel Workshop;**
- **Resume Critique or Critique; and**
- **Mock/Practice Interview)**

4. Submission of an application to the Department of Management **for review by the Experiential Learning Officer.**

5. Participation in an enrolment interview.

#### Completion Requirements:

##### Second Year:

- **MGT231H5 and MGT262H5**
- **MGT262H5 15 Professional Skills Development Program points (must include Career Investment Planning Session, Momentum: Excel Workshop, Resume Critique, and Mock Interview)**

##### Third Year:

- **MGT300H5,**
- **Workplace Preparation Workshop**
- **Summer**
- **Work-Integrated Learning Experience**
- **MGT010H5 (NOTE: This ~~this~~ is a zero-credit course)**

##### Fourth Year:

- 0.5 credit from 400-level course list: [MGM464H5](#) or [MGT430H5](#) or [MGT433H5](#) or [MGT434H5](#) or [MGT437H5](#) or [MGT455H5](#) or [MGT463H5](#) or [MGT491H5](#) or [MGT492H5](#) or [MGT493H5](#) or [MGT494H5](#)
- **15 Professional Skills Development Program points MGT010H5 (must include Resume Critique or Mock Interview and Career Investment Planning Session)**

- Workplace Preparation Workshops
- Work-Integrated Learning Experience (minimum 10-week internship in the Summer term) ~~Note: This is a zero-credit course~~

To earn the Certificate students must concurrently be enrolled in a Commerce or Management program.

**Description of Proposed Changes:**

Changes were made to the Admissions and Completion Requirements for the Certificate in Effective Business Practices & Leadership Skills.

**Rationale:**

These changes are to better reflect the admission criteria and considerations for the students to complete the Business Certificate.

Commerce - Major (HBA)

**Title:**

Commerce – Major (HBA ~~Arts~~)

**Enrolment Requirements:**

This program must be taken as part of an Honours degree. This Major program cannot be combined with the Management (Major or Specialist), Digital Enterprise Management Specialist, or Human Resource Management Specialist.

**Limited Enrolment** — Admission to this program is based on the following criteria:

- Completion of at least 4.0 credits
- A final mark of at least 63% in each of the following courses:
- (ECO101H5 and ECO102H5) or ECO100Y5
- MGM101H5 and MGT120H5
- MAT133Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 ~~MAT132H5~~ and MAT139H5 ~~MAT134H5~~)
- A weighted average of the grades earned in the courses above that meets the program’s annual admission cutoff, which is determined annually by the Department of Management. This will vary from year to year and is based on capacity and the applicant pool.

**Note:**

- Applicants with transfer credits in any of the courses listed above will be assigned a 63% for each applicable transfer credit for program admission. Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead.
- Application for admission to the program for all students is made during the Subject POST request periods.
- Please see the full list below for equivalent UTSG and UTSC courses.

**Completion Requirements:**

This program has a total of 7.5 credits.

**First Year (3.0 ~~3~~ credits):**

1. MGM101H5 and MGT120H5
2. (ECO101H5 and ECO102H5) or ECO100Y5
3. MAT133Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 ~~MAT132H5~~ and MAT139H5 ~~MAT134H5~~)

**Higher Years (4.5 credits):**

1. ECO220Y5 or ECO227Y5 or (STA256H5 and STA258H5) or (STA256H5 and STA260H5)

2. MGT220H5 and MGT223H5 and MGT252H5 and MGT231H5 and MGT232H5

3. 1.0 credit from MGT330H5 and MGT363H5 and MGT371H5 and MGT374H5 and MGT393H5 or any 400-level ~~400 level~~ MGT course.

**Description of Proposed Changes:**

The program title now includes "HBA" instead of "Arts". Added in a note that the Commerce Major program cannot be combined with the Management (Major or Specialist), Digital Enterprise Management Specialist, or Human Resource Management Specialist.

**Rationale:**

The "BA" to "HBA" change is for consistency, as UTM offers Honours Bachelor of Arts degrees and not just Bachelor of Arts degrees.

The other changes are to ensure that students do not attempt to enrol in any of the Management Subject POSTs concurrently with the Commerce Subject POSTs.

**Resource Implications:**

None.

Commerce - Specialist (BCom)

**Enrolment Requirements:**

This program leads to the Bachelor of Commerce degree. This Specialist program cannot be combined with the Management (Major or Specialist), Digital Enterprise Management Specialist, or Human Resource Management Specialist.

**Limited Enrolment** — Admission to this program is based on the following criteria:

- Completion of at least 4.0 credits
- A final mark of at least 63% in each of the following courses:
- (ECO101H5 and ECO102H5) or ECO100Y5
- MGM101H5 and MGT120H5
- MAT133Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 ~~MAT132H5~~ and ~~MAT139H5~~ ~~MAT134H5~~)
- A weighted average of the grades earned in the courses above that meets the program's annual admission cutoff, which is determined annually by the Department of Management. This will vary from year to year and is based on capacity and the applicant pool.

**Note:**

- Applicants with transfer credits in any of the courses listed above will be assigned a 63% for each applicable transfer credit for program admission. Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead.
- Application for admission to the program is made during the Subject POST request periods for all students.
- Please see the full list below for equivalent UTSG and UTSC courses

**Completion Requirements:**

~~This program leads to the Bachelor of Commerce degree.~~ This program has a total of 13.0 credits.

**First Year (3.0 credits):**

- MGM101H5 and MGT120H5; and
- (ECO101H5 and ECO102H5) or ECO100Y5; and
- MAT133Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 ~~MAT132H5~~ and ~~MAT139H5~~ ~~MAT134H5~~)

**Higher Years:**

Management (5.0 credits):

1. MGT220H5 and MGT223H5 and MGT231H5 and MGT232H5
2. 1.0 credit from: MGT300H5 or MGT201H5 or MGT252H5 or MGT260H5 or MGT262H5 or MGT270H5 or MGT353H5 or MGT363H5 or (MGT371H5 or MGT422H5) or MGT374H5 or MGT393H5
3. 1.0 credit in MGT at the 400 level
4. 1.0 credit in MGT at the 200/300/400 level

Economics (5.0 credits):

1. ECO200Y5 or ECO204Y5 or ECO206Y5
2. ECO202Y5 or ECO208Y5 or ECO209Y5
3. ECO220Y5 or ECO227Y5 or (STA256H5 and STA258H5) or (STA256H5 and STA260H5)
4. 2.0 credits in ECO at 300/400 level, of which no more than 1.0 credits may be in Economic History

**Description of Proposed Changes:**

Added in a note that the Commerce: Commerce - Specialist program cannot be combined with the Management (Major or Specialist), Digital Enterprise Management Specialist, or Human Resource Management Specialist.

**Rationale:**

This is to ensure that students do not attempt to enrol in any of the Management POSTs concurrently with the Commerce POSTs.

**Resource Implications:**

None.

Commerce: Accounting - Specialist (BCom)

**Enrolment Requirements:**

This program leads to the Bachelor of Commerce degree. This Specialist program cannot be combined with the Management (Major or Specialist), Digital Enterprise Management Specialist, or Human Resource Management Specialist.

**Limited Enrolment** — Admission to this program is based on the following criteria:

- Completion of at least 4.0 credits
- A final mark of at least 63% in each of the following courses:
- (ECO101H5 and ECO102H5) or ECO100Y5
- MGM101H5 and MGT120H5
- MAT133Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 MAT132H5 and MAT139H5 MAT134H5)
- A weighted average of the grades earned in the courses above that meets the program's annual admission cutoff, which is determined annually by the Department of Management. This will vary from year to year and is based on capacity and the applicant pool.

**Note:**

- Applicants with transfer credits in any of the courses listed above will be assigned a 63% for each applicable transfer credit for program admission. Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead.
- Application for admission to the program is made during the Subject POST request periods for all students.
- Please see the full list below for equivalent UTSG and UTSC courses.

**Completion Requirements:**

~~This program leads to the Bachelor of Commerce degree.~~ This program has a total of 17.5 credits.

**First Year (3.0 credits):**

1. MGM101H5 and MGT120H5
2. (ECO101H5 and ECO102H5) or ECO100Y5



3. MAT133Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 MAT132H5 and MAT139H5 MAT134H5)

### Higher Years:

Management requirements: (10.0 credits)

1. MGT220H5 and MGT223H5 and MGT225H5 and MGT231H5 and MGT232H5 and MGT270H5
2. MGT300H5 and MGT321H5 and MGT323H5 and MGT325H5 and MGT326H5 and MGT393H5
3. MGT420H5 and MGT421H5 and MGT422H5 and MGT423H5 and MGT428H5 and MGT429H5 and MGT437H5
4. 0.5 credit from MGT201H5 or MGT262H5 or MGT324H5

Economics requirements: (4.5 credits)

1. ECO200Y5 or ECO204Y5 or ECO206Y5
2. ECO202Y5 or ECO208Y5 or ECO209Y5
3. ECO220Y5 or ECO227Y5 or (STA256H5 and STA258H5) or (STA256H5 and STA260H5)
4. 1.5 credits in ECO at 300/400 level.

No more than 1.0 credit in Economic History

### Description of Proposed Changes:

Included that the Commerce: Accounting - Specialist program cannot be combined with the Management (Major or Specialist), Digital Enterprise Management Specialist, or Human Resource Management Specialist.

### Rationale:

This is to ensure that students do not attempt to enrol in the Management programs concurrently with the Commerce Specialist programs.

### Resource Implications:

None.

Commerce: Finance - Specialist (BCom)

### Enrolment Requirements:

This program leads to a Bachelor of Commerce (BCom) degree. This Specialist program cannot be combined with the Management (Major or Specialist), Digital Enterprise Management Specialist, or Human Resource Management Specialist.

**Limited Enrolment:** Admission to this program is based on the following criteria:

- Completion of at least 4.0 credits
- A final mark of at least 63% in each of the following courses:
- MGM101H5 and MGT120H5
- (ECO101H5 and ECO102H5) or ECO100Y5
- MAT133Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 MAT132H5 and MAT139H5 MAT134H5)
- A weighted average of the grades earned in the courses above that meets the program's annual admission cutoff. This is determined annually by the Department of Management and will vary from year to year, based on capacity and applicant pool.

### Note:

- Applicants with transfer credits for any of the courses listed above will be assigned a 63% for each applicable transfer credit for program admission. Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead.
- Application for admission to the program is made during the Subject POST request periods for all students.
- Please see the full list below for equivalent UTSG and UTSC courses.

### Completion Requirements:

This program leads to the Bachelor of Commerce degree. This program has a total of 15.5 credits -

**First Year: (3.0 credits):**

1. MGM101H5 and MGT120H5
2. (ECO101H5 and ECO102H5) or ECO100Y5
3. MAT133Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 MAT132H5 and MAT139H5 MAT134H5)

**Higher Years:**

Management (7.5 credits):

1. MGT201H5 and MGT220H5 and MGT223H5 and MGT252H5 and MGT262H5
2. 0.5 credit from: MGT336H5 MGT223H5 or MGT300H5 or MGT353H5 or MGT363H5 or MGT341H5 or MGT371H5 or MGT373H5 or MGT374H5 or MGT393H5
3. MGT231H5 and MGT232H5
4. MGT301H5 and MGT330H5
5. 2.0 credits from: MGT430H5 or MGT431H5 or MGT433H5 or MGT434H5 or MGT435H5 or MGT438H5 or MGT439H5 or MGT440H5 or MGT442H5 or MGT443H5 or MGT444H5 or MGT495H5
6. 0.5 credit in MGT at 300/400 level (cannot double count courses)
7. 0.5 credit in MGT at 400 level (cannot double count courses)

Economics (5.0 credits):

1. ECO200Y5 or ECO204Y5 or ECO206Y5
2. ECO202Y5 or ECO208Y5 or ECO209Y5
3. ECO220Y5 or ECO227Y5 or (STA256H5 and STA258H5) or (STA256H5 and STA260H5)
4. ECO375H5
5. 1.0 credit from: ECO348H5 or ECO349H5 or ECO352H5 or ECO365H5 or ECO460H5 or ECO461H5 or ECO463H5 or ECO475H5
6. 0.5 credit in ECO at the 300/400-level (cannot double count courses)

**Rationale:**

Managerial Accounting is a core skill for finance students that enhances their applicable knowledge in upper year courses and widens their career paths in the finance industry. All other BBA and BCom programs, including HR and Marketing, have either MGT223H5 or MGM222H5 (which is for Management students) as a Managerial Accounting requirement. Students that enter 1st year in 2023-24 will be required to take MGT223H5 in 2024-25.

MGT300H5 - Presentation Skill for Management and MGT393H5 - Business Law were removed, and MGT336H5 - Business Valuation was added to focus the program more on the Finance discipline.

**Consultation:**

Faculty was directly consulted about this change.

**Resource Implications:**

None.

Commerce: Marketing - Specialist (BCom)

**Description:****Previous:**

**New:** This program leads to a Bachelor of Commerce (BCom) degree. This Specialist program cannot be combined with the Management (Major or Specialist), Digital Enterprise Management Specialist, or Human Resource Management Specialist .

**Enrolment Requirements:**

**Limited Enrolment** — Admission to this program is based on the following criteria:

- Completion of at least 4.0 credits
- A final mark of at least 63% in each of the following courses:
- MGM101H5 and MGT120H5
- (ECO101H5 and ECO102H5) or ECO100Y5

- MAT133Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 MAT132H5 and MAT139H5 MAT134H5)
- A weighted average of the grades earned in the courses above that meets the program's annual admission cutoff, which is determined annually by the Department of Management. This will vary from year to year and is based on capacity and the applicant pool.

Note:

- Applicants with transfer credits for any of the courses listed above will be assigned a 63% for each applicable transfer credit for program admission. Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead.
- Application for admission to the program is made during the Subject POST request periods for all students.
- Please see the full list below for equivalent UTSG and UTSC courses

**Completion Requirements:**

~~This program leads to the Bachelor of Commerce degree.~~ This program has a total of 16.5 ~~15.5~~ credits.

**First Year (3.0 credits):**

1. MGM101H5 and MGT120H5
2. (ECO101H5 and ECO102H5) or ECO100Y5
3. MAT133Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 MAT132H5 and MAT139H5 MAT134H5)

**Higher Years:**

Management: (8.5 ~~7.5~~ credits)

1. MGT201H5 and MGT220H5 and MGT223H5 and ~~MGT252H5~~
2. MGT231H5 and MGT232H5 and MGT252H5
3. MGT301H5 ~~MGT353H5~~ and MGT353H5
4. MGT452H5 and MGT453H5 and MGT455H5
5. 0.5 ~~1.0~~ credit from: MGT262H5 or MGT363H5 or MGT371H5 or MGT374H5 or MGT393H5
6. 0.5 credits from: MGT450H5 or MGT451H5
7. 2.0 credits from: MGT354H5 or MGT355H5 or MGT373H5 ~~MGT450H5~~ or MGT450H5 ~~MGT456H5~~ or MGT451H5 ~~MGT457H5~~ or MGT458H5 or CCT260H5\*or CCT302H5\*or CCT356H5\*or CCT456H5\*or GGR252H5

\*Note: It is recommended that students interested in pursuing the marketing stream consider completing CCT109H5 and CCT110H5 to ensure access to some upper year CCT courses. Students have the option to select some CCT courses to fulfill elective requirements in which prerequisites are strictly enforced.

Economics: (5.0 credits)

1. ECO200Y5 or ECO204Y5 or ECO206Y5
2. ECO202Y5 or ECO208Y5 or ECO209Y5
3. ECO220Y5 or ECO227Y5 or (STA256H5 and STA258H5) or (STA256H5 and STA260H5)
4. 2.0 credits in ECO at 300/400 level. ECO375H5 Recommended.

No more than 1.0 Economic History credit

**Description of Proposed Changes:**

Completion requirement changes:

- Added MGT201H5 and MGT301H5 as required courses for the Marketing Specialists.
- Added a row ""0.5 credits from MGT450H5 or MGT451H5""
- Added MGT451H5 to the list of electives.
- Added ECO375 as an ECO credit for the Marketing Specialists as a recommended course."

**Rationale:**

Marketing as a profession is becoming more data-driven so students in the Marketing Specialist require data skills, and by taking MGT450H5 and/or MGT451H5 they will be more prepared for the job market. The Department is no longer offering MGT456H5

and MGT457H5 and therefore we would like to remove them from the Marketing Specialist.

As the Marketing discipline becomes more data-driven, and consultation with Faculty has shown, Econometrics may be essential for marketing students. Therefore, giving students the option to take ECO375 as part of their Economics credits will better prepare them for the workforce and add to their technical skillset.

**Resource Implications:**

None.

Human Resource Management - Specialist (BBA)

**Description:**

This program leads to a Bachelor of Business Administration (BBA) degree. This Specialist program cannot be combined with the Commerce (Specialist or Major), Digital Enterprise Management Specialist, or Human Resource Management Specialist.

**Enrolment Requirements:**

**Limited Enrolment** — Admission to this program is based on the following criteria:

- Completion of at least 4.0 credits
- A final mark of at least 63% in each of the following courses:
- MGM101H5 and MGM102H5
- (ECO101H5 and ECO102H5) or ECO100Y5
- MAT133Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 MAT132H5 and MAT139H5 MAT134H5)
- A weighted average of the grades earned in the courses above that meets the program's annual admission cutoff, which is determined annually by the Department of Management. This will vary from year to year and is based on capacity and the applicant pool.

Note:

- Applicants with transfer credits in any of the courses listed above will be assigned a 63% for each applicable transfer credit for program admission. Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead.
- Application for admission to the program is made during the Subject POST request periods for all students.
- Please see the full list below for equivalent UTSG and UTSC courses.

**Completion Requirements:**

This program has a total of 15.0 credits.

**First Year:**

For students who began studies prior to September 2018 (2.0 credits):

- MGM101H5 and MGM102H5; and
- ECO100Y5 or (ECO101H5 and ECO102H5)

For students who began studies in September 2018 and onwards (3.0 credits):

- MGM101H5 and MGM102H5
- (ECO101H5 and ECO102H5) or ECO100Y5
- MAT133Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 MAT132H5 and MAT139H5 MAT134H5)

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.

**Higher Years (12.0 credits):**

- Core courses (1.5 credits): MGT262H5 and MGT270H5 and MGT492H5

- Management Disciplines (9.0 credits): (MGT120H5 or MGM221H5 ~~MGT221H5~~) and ECO220Y5 ~~MGT218H5~~ and MGT223H5 ~~MGM222H5~~ and MGT231H5 and MGM360H5 and MGM364H5, MGM365H5 and MGM390H5 and MGM464H5 and MGM465H5 and MGM466H5 and MGT252H5 and MGT260H5 and MGT363H5 and MGT371H5 and MGT480H5 and (ECO200Y5 or ECO205Y5)
- 1.0 credit from: ANT350H5 or HIS313H5 or HIS314H5 or SOC227H5 or SOC236H5 or SOC263H5 or SOC361H5 or WGS210H5 or MGT461H5 or MGT463H5 or MGT467H5
- 0.5 credit in MGT or MGM at the 200/300/400 level

~~\*~~\*\*STA218H5 and MGT218H5 will no longer be accepted as an appropriate course for this program AFTER the 2022-2023 Academic year. Beginning in the 2023-2024 Academic year all students will be required to complete ECO220Y5 ~~MGT218H5~~ as the statistics course for this program.

\*\* MGM222H5 will no longer be accepted as an appropriate course for this program AFTER the 2022-2023 Academic year. Beginning in the 2023-2024 Academic year, all students will be required to complete MGT223H5 as a course for this program.

**Note:** enough space is reserved each year in MGT480H5 to accommodate the full HRM cohort.

### **Description of Proposed Changes:**

Fixed error in Higher Years: "MGT221H5" should be MGM221H5. MGT218H5 was replaced by ECO220Y5 and MGM222H5 was replaced by MGT223H5.

Added in a note that the Human Resource Management Specialist program cannot be combined with the Commerce (Major or Specialist), Digital Enterprise Management Specialist, or Human Resource Management Specialist.

### **Rationale:**

MGT218H5 was originally created by Faculty to account for the gaps in statistics knowledge for managements. However, Management students need a full-year ECO statistics course to fully grasp and apply the concepts in upper years courses.

MGM222H5 is too similar in content to MGT223H5 and therefore the decision is to have MGT223H5 absorb MGM222H5 and retire MGM222H5.

The additional notes are to ensure that students do not attempt to enrol in any of the Management POSTs concurrently with the Commerce POSTs.

### **Consultation:**

Faculty was directly consulted about these changes.

### **Resource Implications:**

None.

Management - Major (HBA)

### **Description:**

This program must be taken as part of an Honours degree. This major program cannot be combined with Commerce (Major or Specialist), Digital Enterprise Management Specialist, ~~Economics~~ or Human Resource Management Specialist ~~and Industrial Relations~~.

### **Enrolment Requirements:**

**Limited Enrolment** — Admission to this program is based on the following criteria:

- Completion of at least 4.0 credits
- A final mark of at least 63% in each of the following courses:
- MGM101H5 and MGM102H5
- (ECO101H5 and ECO102H5) or ECO100Y5
- MAT133Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 or MAT139H5 ~~MAT132H5 and MAT134H5~~)

- A weighted average of the grades earned in the courses above that meets the program's annual admission cutoff, which is determined annually by the Department of Management. This will vary from year to year and is based on capacity and the applicant pool.

**Note:**

- Applicants with transfer credits in any of the courses listed above will be assigned a 63% for each applicable transfer credit for program admission. Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead.
- Application for admission to the program is made during the Subject POST request periods for all students.
- Please see the full list below for equivalent UTSG and UTSC courses.

**Completion Requirements:**

This program has a total of 9.0 credits.

**First Year:**

For students who began studies prior to September 2018 (2.0 credits):

- MGM101H5 and MGM102H5
- (ECO101H5 and ECO102H5) or ECO100Y5

For students who began studies in September 2018 and onwards (3.0 credits):

- MGM101H5 and MGM102H5
- (ECO101H5 and ECO102H5) or ECO100Y5
- MAT133Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 ~~MAT132H5~~ and MAT139H5 ~~MAT134H5~~)

**Higher Years (6.0 credits):**

- Core courses (1.5 credits): MGT262H5 and MGT270H5 and MGT492H5
- Management Disciplines (3.5 credits): (MGT120H5 or MGM221H5 ~~MGT221H5~~ and MGT218H5 and ECO220Y5 and \* \* MGT223H5 ~~MGM222H5~~ and MGT231H5 and MGM390H5 and MGT252H5 and MGT371H5
- Electives (1.0 credit): Any 300/400-level MGT/MGM courses. Cannot include any courses already used above.

~~\*\*STA218H5 or MGT218H5~~ will no longer be accepted as an appropriate course for this program AFTER the 2022-2023 Academic Year ~~year~~. Beginning in the 2023-2024 Academic Year, ~~year~~ all students will be required to complete ECO220Y5 ~~MGT218H5~~ as the statistics course for this program.

\*\*MGM222H5 will no longer be accepted as an appropriate course for this program AFTER the 2022-2023 Academic Year. Beginning in the 2023-2024 Academic Year, all students will be required to complete MGT223H5 as a course for this program.

**Description of Proposed Changes:**

Fixed error in Higher Years: "MGT221H5" should be MGM221H5. Removed the note that students cannot take Economics with the Management Major. Also added in a note that the Management Major program cannot be combined with the Commerce (Major or Specialist), Digital Enterprise Management Specialist, or Human Resource Management Specialist.

**Rationale:**

MGT218H5 was originally created by Faculty to account for the gaps in statistics knowledge for managements. However, Management students need a full-year ECO statistics course to fully grasp and apply the concepts in upper years courses.

MGM222H5 is too similar in content to MGT223H5 and therefore the decision is to have MGT223H5 absorb MGM222H5 and retire MGM222H5.

Students, in fact, are able to take the Economics Specialist or Major at the same time as the Management Major. The note is to ensure that students do not attempt to enrol in any of the Management POSTs concurrently with the Commerce POSTs.

**Resource Implications:**

None.

## Management - Specialist (BBA)

**Description:**

This program leads to a Bachelor of Business Administration (BBA) degree. This Specialist program cannot be combined with the Commerce (Specialist or Major), Digital Enterprise Management Specialist, or Human Resource Management Specialist.

**Enrolment Requirements:**

**Limited Enrolment** — Admission to this program is based on the following criteria:

- Completion of at least 4.0 credits
- A final mark of at least 63% in each of the following courses:
- (ECO101H5 and ECO102H5) or ECO100Y5
- MGM101H5 and MGM102H5
- MAT133Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 MAT132H5 and MAT139H5 MAT134H5)
- A weighted average of the grades earned in the courses above that meets the program's annual admission cutoff, which is determined annually by the Department of Management. This will vary from year to year and is based on capacity and the applicant pool.

**Note:**

- Applicants with transfer credits in any of the courses listed above will be assigned a 63% for each applicable transfer credit for program admission. Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead.
- Application for admission to the program is made during the Subject POST request periods for all students.
- Please see the full list below for equivalent UTSG and UTSC courses.

**Completion Requirements:**

This program has a total of 13.5 credits -

## First Year:

For students who began studies prior to September 2018 (2.0 credits):

- MGM101H5 and MGM102H5; and
- (ECO101H5 and ECO102H5) or ECO100Y5

For students who began studies in September 2018 and onwards (3.0 credits):

- MGM101H5 and MGM102H5; and
- (ECO101H5 and ECO102H5) or ECO100Y5; and
- MAT133Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT137H5 MAT132H5 and MAT139H5 MAT134H5)

**Higher Years (10.5 credits):**

- Core courses (2.0 credits): MGT260H5 and MGT262H5 and MGT270H5 and MGT492H5
- Management Disciplines (7.0 credits): (MGT120H5 or MGM221H5 MGT221H5) and \* ECO220Y5 MGT218H5 and \* \* MGT223H5 MGM222H5 and MGM320H5 and MGM390H5 and MGT231H5 and MGT232H5 and MGT252H5 and MGT353H5 and MGT363H5 and MGT371H5 and MGT374H5 and (ECO200Y5 or ECO204Y5 or ECO205Y5)
- Electives (1.5 credits): Any 300/400-level MGT or MGM courses. Cannot include any courses already used above.

**\*STA218H5 or MGT218H5** will no longer be accepted as an appropriate course for this program AFTER the 2022-2023 Academic year. Beginning in the 2023-2024 Academic year, all students will be required to complete **ECO220Y5** ~~MGT218H5~~ as the statistics course for this program.

**\*\*MGM222H5** will no longer be accepted as an appropriate course for this program AFTER the 2022-2023 Academic year. Beginning in the 2023-2024 Academic year, all students will be required to complete **MGT223H5** as a course for this program.

**Description of Proposed Changes:**

Fixed error in Higher Years: "MGT221H5" should be MGM221H5. MGT218H5 was replaced by ECO220Y5 and MGM222H5 was replaced by MGT223H5.

Added in a note that the Management Specialist program cannot be combined with the Commerce (Major or Specialist), Digital Enterprise Management Specialist, or Human Resource Management Specialist.

**Rationale:**

MGT218H5 was originally created by Faculty to account for the gaps in statistics knowledge for managements. However, Management students need a full-year ECO statistics course to fully grasp and apply the concepts in upper years courses.

MGM222H5 is too similar in content to MGT223H5 and therefore the decision is to have MGT223H5 absorb MGM222H5 and retire MGM222H5.

The additional notes are to ensure that students do not attempt to enrol in any of the Management POSTs concurrently with the Commerce POSTs.

**Consultation:**

Faculty was directly consulted about these changes.

**Resource Implications:**

None.



## Political Science (UTM), Department of

### 15 New Courses:

#### POL218H5: Introduction to Comparative Politics: Institutions

**Contact Hours:**

Lecture: 24 / Tutorial: 12

**Description:**

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." This course focuses on political institutions. 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 power of the state; the emergence and dynamics of democratic and authoritarian institutions; the emergence and dynamics of capitalist institutions.

**Prerequisites:**

1.0 POL credit or 4.0 credits

**Exclusions:**

POL218Y5 or POL219H1

**Topics Covered:**

The formation, development and eventual decay of political institutions such as the nation-state, political regimes, parties, party systems and local governments; the power of the state; the emergence and dynamics of democratic and authoritarian institutions; the emergence and dynamics of capitalist institutions.

**Methods of Assessment:**

Tests, essays, class participation, final exams

**Rationale:**

Our department has long offered an introductory course in comparative politics: POL 218Y5. In keeping with our curriculum reforms proposed this year, we would like to split this Y course into two H courses. Students may take either or both of these. This course will prepare students for more advanced study in comparative politics.

**Consultation:**

Our department held a curriculum workshop in December 2021, and as part of this workshop, our comparative politics faculty decided to revise POL 218Y5 into two H courses.

**Resources:**

TAs

#### POL219H5: Introduction to Comparative Politics: Processes and Identities

**Contact Hours:**

Lecture: 24 / Tutorial: 12

**Description:**

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." This course focuses on political processes and identities. Topics include: the ideas and interests shaping political behaviour; the causes of and dynamics of political mobilization, social mobilization, and revolution; the relationship between identity categories such as ethnicity, gender, sexuality, and class and political processes.

**Prerequisites:**

1.0 POL credit or 4.0 credits

**Exclusions:**

POL218Y5 or POL218H1

**Topics Covered:**

The ideas and interests shaping political behaviour; the causes of and dynamics of political mobilization, social mobilization, and revolution; the relationship between identity categories such as ethnicity, gender, sexuality, and class and political processes.

**Methods of Assessment:**

Tests, essays, participation, final exams

**Rationale:**

Our department has long offered an introductory course in comparative politics: POL 218Y5. In keeping with our curriculum reforms proposed this year, we would like to split this Y course into two H courses. Students may take either or both of these. This course will prepare students for more advanced study in comparative politics.

**Consultation:**

Our department held a curriculum workshop in December 2021, and as part of this workshop, our comparative politics faculty decided to revise POL 218Y5 into two H courses.

**Resources:**

TAs

**POL300H5: Topics in Comparative Politics****Contact Hours:**

Lecture: 24

**Description:**

Topics will vary from term to term.

**Prerequisites:**

2.0 credits in POL

**Recommended Preparation:**

POL218Y5 or POL218H5 or POL219H5

**Rationale:**

Our department is in the process of retiring most of our Y courses and replacing them with one or two H courses. This course will replace POL 300Y5, which we've applied to retire.

**Resources:**

TAs

**POL302H5: Topics in Comparative Politics****Contact Hours:**

Lecture: 24

**Description:**

Topics will vary from term to term.

**Prerequisites:**

2.0 credits in POL

**Recommended Preparation:**

POL218Y5 or POL218H5 or POL219H5

**Rationale:**

Our department has agreed to retire most of our Y course offerings and to revise them into H courses instead. This is meant as a replacement course for POL 300Y5, which we have applied to retire.

**Consultation:**

See above--our department is moving to retire most of our Y courses.

**Resources:**

TA for grading

POL307H5: Topics in International Relations

**Contact Hours:**

Lecture: 24

**Description:**

Topics will vary from term to term.

**Prerequisites:**

2.0 credits in POL

**Recommended Preparation:**

POL208Y5 or POL209H5 or POL210H5

**Rationale:**

Our department has agreed to retire most of our Y course offerings and replace them with similar H courses. This course, along with POL 305H5, is meant to substitute for POL 305Y5 (which we have applied to retire).

**Consultation:**

See above--our department has agreed to retire most Y courses and replace with comparable H courses.

**Resources:**

TAs

POL311H5: Military Power

**Contact Hours:**

Lecture: 24

**Description:**

This course explores the foundations, application, and limits of military power in the international system. It examines theories about the use of force, military effectiveness, and the relationships between military power, politics, and technology.

**Prerequisites:**

2.0 credits in POL

**Recommended Preparation:**

POL208Y5 or POL209H5 or POL210H5

**Topics Covered:**

military power, military effectiveness, civil-military relations during war and peacetime, conventional operations, nuclear weapons

**Methods of Assessment:**

essays, tests, participation, final exam

**Rationale:**

We are proposing this course to complement some current and new offerings on the military and politics at the 300-level. This course will complement our current offerings 305H5 and 305Y5, and our new proposed offering 312H5.

**Consultation:**

Our department had a curriculum workshop retreat in December 2021, followed by further consultation with the international relations faculty. They devised this course as a new one that will complement some of our current offerings while giving students a chance to delve more deeply into the problems of military power.

**Resources:**

TA, Resource form submitted online

POL312H5: Managing Military Conflict

**Contact Hours:**

Lecture: 24

**Description:**

Analysis of different aspects of conflict management, including security regimes, U.N. peacekeeping, mediation, bilateral as well as multilateral techniques.

**Prerequisites:**

2.0 credits in POL

**Exclusions:**

POL310Y5 or POLC09H3

**Recommended Preparation:**

POL208Y5 or POL209H5 or POL210H5

**Methods of Assessment:**

participation, essays, tests, and final exam

**Rationale:**

Our department has agreed to retire POL 310Y5 and to replace it with an H-course that covers the same material in revised form.

**Consultation:**

Our department had a curriculum workshop in December 2021 and the IR area group agreed to retire 310Y and replace it with this H course. Further consultation was undertaken with the international relations faculty in August 2022.

**Resources:**

Grading TA, Resource form submitted online

POL313H5: European Politics I

**Contact Hours:**

Lecture: 24

**Description:**

This course introduces students to the political foundations of democratic government and capitalism in Western Europe. The course covers the historical origins of the modern nation state in Europe and the region's bumpy road to democracy and prosperity. It also focuses on key similarities and differences in the political institutions, political development, and economic and social models of major European countries.

**Prerequisites:**

2.0 credits in POL

**Exclusions:**

POL302Y5 or POL207Y1 or POL324H1 or POLB93H3

**Recommended Preparation:**

POL218Y5 or POL218H5 or POL219H5

**Methods of Assessment:**

Tests, essays, participation

**Rationale:**

We propose this course to replace (along with 314H5) POL 302Y5. Our department is retiring nearly all of our Y courses, after deliberating about this at a department curriculum review in December 2021. We have also consulted with Prof. Alex Reisenbichler, who regularly teaches this course.

**Consultation:**

Department-wide curriculum workshop, December 2021.

**Resources:**

TAs

POL314H5: European Politics II

**Contact Hours:**

Lecture: 24

**Description:**

This course explores the functions (and dysfunctions) of the European Union, a regional organization shaping the political life of its 27 European member states. The course also covers contemporary challenges to democracy and prosperity in Europe, such as populism, economic crises, Brexit, and geopolitical conflicts.

**Prerequisites:**

2.0 credits in POL

**Exclusions:**

POL302Y5 or POL207Y1 or POL324H1 or POLB93H3

**Recommended Preparation:**

POL218Y5 or POL218H5 or POL219H5 or POL313H5

**Methods of Assessment:**

Tests, essays, participation

**Rationale:**

We propose this course to replace (along with 313H5) POL 302Y5. Our department is retiring nearly all of our Y courses, after deliberating about this at a department curriculum review in December 2021. Students may take this separately or in sequence with POL 313H5. We have also consulted with Prof. Alex Reisenbichler, who regularly teaches this course.

**Consultation:**

Department-wide curriculum workshop, December 2021.

**Resources:**

TA

## POL367H5: Feminist Political Theory

**Contact Hours:**

Lecture: 24

**Description:**

This course examines the various interventions that have marked the development of feminist political thought from the mid-20th century onward. These include efforts to complicate the category 'woman', to understand gender in its intersections with race and class, to develop queer feminist accounts of 'sex' and 'sexuality', and to investigate the meaning of 'feminism' as a political project in and of itself.

**Prerequisites:**

3.0 POL credits

**Exclusions:**

PHL267H5 or PHL367H5 or WGS200Y5 or POLC79H3 or PHLB13H3 or PHL367H1

**Recommended Preparation:**

POL200Y5 or relevant coursework in WGS

**Topics Covered:**

Feminist methodologies, intersectionality, identity, and power, cross-cultural feminisms, queer feminisms

**Methods of Assessment:**

Essays, tests, presentations, class participation

**Rationale:**

We have hired Dr. Menaka Philips as a tenure-stream faculty member in our department. She has expertise in feminist theory, women's and gender studies, and gender and politics. She is currently teaching POL 368H5: Gender and Politics in our department, and she would like to add this new course to our curriculum as a complement to that offering. We do not have a permanent course in feminist theory in our department at UTM yet, and Dr. Philips can offer this to our students. She has taught similar courses at her previous position at Tulane University, and we attach a relevant draft syllabus here.

**Consultation:**

We have discussed this with Dr. Philips and with department administration.

**Resources:**

TA for marking (form submitted)

## POL447H5: Collective Action and Political Change

**Contact Hours:**

Lecture: 24

**Description:**

This course introduces students to the study of collective action, the conditions under which it is possible, and its role in bringing about political change. It addresses foundational concepts and theories, as well as cases of collective action with a focus on the experiences of subaltern groups in the Americas and beyond.

**Prerequisites:**

4.0 POL credits, including 1.0 POL credit at the 300-level

**Exclusions:**

POL443Y5 (2018-2019; Winter 2020; 2020-2021; 2021-2022; 2023-2024)

**Recommended Preparation:**

[POL218Y5 or (POL218H5 and 219H5)] and [POL242Y5 or POL243H5]

**Methods of Assessment:**

essays, tests, presentations, class participation

**Rationale:**

Martha Balaguera has taught a year-long special topics course (POL 443Y5) on collective action four times, and one half-course on collective action at UTM once. This has been a very successful course for her and we would like to make it a permanent two-course sequence. This would be the first half.

**Consultation:**

Consultation with department staff, administration, and Dr. Balaguera

**Resources:**

None (form submitted).

POL448H5: Protest and Social Movements in Comparative and Transnational Perspective

**Contact Hours:**

Lecture: 24

**Description:**

This course focuses on key threads of subaltern collective action in comparative and transnational perspective, with a focus on Latin America. It delves into revolutionary, feminist, solidarity, decolonial, anti-racist, body-centered, anti-extractivist struggles, among others, from the late 20th Century to the present day.

**Prerequisites:**

4.0 POL credits, including 1.0 POL credit at the 300-level

**Corequisites:**

**Exclusions:**

POL443Y5 (2018-2019; Winter 2020; 2020-2021; 2021-2022; 2023-2024)

**Recommended Preparation:**

POL447H5 or POL116H5 or POL218Y5 or [POL218H5 and POL219H5]

**Methods of Assessment:**

essays, tests, participation, presentations

**Rationale:**

Dr Balaguera has taught a year-long special topics course (POL 443Y5) on collective action 4 times at UTM, and one half-course on the same topic. This has been a very successful course for her, and we would like to make it into a permanent 2-course sequence for our department. This is the second course in the sequence.

**Consultation:**

Consultation with the department staff, administration, and Dr. Balaguera

**Resources:**

None (form submitted)

POL484H5: Topics in Political Thought

**Contact Hours:**

Lecture: 24

**Description:**

Topics will vary from term to term.

**Prerequisites:**

3.0 credits in POL, including 1.0 POL credit at the 300-level.

**Recommended Preparation:**

POL200Y5 and POL320Y5

**Rationale:**

Our department has decided to retire most of our Y courses, and to replace them with comparable H courses. We propose this as a replacement for POL 484Y5 (which we have applied to retire).

**Consultation:**

See above--our department has agreed to retire most of our Y courses and replace them with similar H courses.

**Resources:**

None (form submitted).

POL486H5: Topics in International Relations

**Contact Hours:**

Lecture: 24

**Description:**

Content of course will vary from year to year. Consult the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L,S,T,P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

**Prerequisites:**

3.0 POL credits, including 1.0 POL credit at the 300-level

**Recommended Preparation:**

POL208Y5 or POL208Y1 or POL209H5 or POL210H5

**Rationale:**

We propose this as a replacement course for POL 486Y5, which we have proposed to retire.

**Resources:**

None (form submitted)

POL494H5: Topics in Canadian Politics

**Contact Hours:**

Lecture: 24

**Description:** Content of course will vary from year to year. Consult the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L,S,T,P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

**Prerequisites:**

3.0 POL credits, including 1.0 POL credit at the 300-level

**Recommended Preparation:**

POL214Y5 or POL215H5 or POL216H5

**Rationale:**

We propose this course as a replacement for POL 494Y5, which we have proposed to retire.



**Consultation:**

Our department has agreed to retire most of our Y courses and replace them with comparable H courses.

**Resources:**

none (form submitted)

### 34 Course Modifications:

#### POL111H5: Canada in Comparative Perspective

**Description:**

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}~~

**Exclusions:**

POL224Y1 or POL224H1

**Rationale:**

Revised exclusions to reflect changes in the UTSG calendar

**Resources:**

None.

#### POL200Y5: Justice and Power in Political Life

**Exclusions:****Previous:**

**New:** POL200Y1 or POLB72H3 or POLC70H3 or POLC71H3

**Rationale:**

Revised exclusions to reflect changes in UTSG calendar

**Resources:**

None.

#### POL203H5: Politics and Government of the United States

**Exclusions:**

POL203Y5 or POL203Y1 or POL347H1 or POLC92H3 or POLC93H3

**Rationale:**

Altered exclusions to reflect changes in the UTSG calendar

**Resources:**

None.

#### POL209H5: Introduction to International Relations

**Description:** This course provides a general overview of the study of international relations. It builds a theoretical, conceptual, and empirical foundation for understanding the actors, processes, and structures that shape and constrain global politics. ~~{24L, 11T}~~

**Exclusions:**

POL208Y5 or POL208H1 or POL208Y1 or POLB80H3 or POLB81H3

**Rationale:**

Edited exclusions to reflect changes in the UTSG calendar; corrected abbreviated title

**Resources:**

None.

POL215H5: Canadian Government

**Description:**

This course will focus on Canadian Institutions, the Constitution, Federalism, the Courts, the Charter of Rights and Freedoms, etc. This course will contribute to the students' understanding of their immediate political surroundings. This course will enhance the students' ability to engage and participate in the democratic system by teaching them about the foundations of the Canadian system of government. ~~[24L, 11T]~~

**Exclusions:**

POL214Y5 or POL214H1 or POL214Y1 or POL224Y1 or POLB50Y3

**Rationale:**

Revised exclusions to reflect changes in the UTSG calendar; corrected abbreviated title

**Resources:**

None.

POL243H5: Research Methods for Political Science I

**Exclusions:**

POL242Y5 or POL222H1

**Rationale:**

Revised exclusions to reflect changes in the UTSG calendar

**Resources:**

None.

POL244H5: Research Methods for Political Science II

**Exclusions:**

POL242Y5 or POL232H1

**Rationale:**

Revised exclusions to reflect changes in the UTSG calendar

**Resources:**

None.

POL303H5: The Politics of Islam

**Exclusions:**

~~POL300Y5~~ or POL303Y5 or ~~POL300Y1~~ or POLC96H3 or POLC97H3

**Rationale:**

Revised exclusions to reflect changes in the UTSG calendar

**Resources:**

None.

POL304Y5: Politics of South Asia

**Description:**

This course surveys systems of government and political processes across South Asia, with attention to state formation, nationalism, ethnicity, democracy vs. authoritarian forms of governance, social movements, political violence,

insurgencies, political economy, corruption, and other important issues affecting South Asian states currently. The focus will be mostly on India and Pakistan and possibly some of the other countries in South Asia.

**Prerequisites:**

**Previous:** POL208Y5 or POL208Y1 or (POL209H5 and POL210H5) or (POL218H1 and POL219H1) or POL218Y5 or permission of instructor based on strong interest in South Asia

**New:** 2.0 credits in POL or permission of instructor

**Exclusions:**

**Previous:**

**New:** POL328H1

**Rationale:**

Revised prerequisites in consultation with instructor; revised exclusions to reflect changes in the UTSG calendar

**Consultation:**

Consulted with instructor, Shivaji Mukherjee

**Resources:**

None.

POL317H5: Comparative Public Policy and Administration

**Description:**

Major theories and concepts in the fields of public administration and public policy, drawing on the experience of advanced industrialized nations. [24L]

**Prerequisites:**

**Previous:** POL203Y5 or POL218Y5 or POL302Y5 or POL309Y5 or POL353Y5

**New:** 3.0 POL credits, including 1.0 credit in comparative politics or public policy

**Exclusions:**

POL317Y5 or POL317H1

**Rationale:**

Revised exclusions to reflect changes in the UTSG calendar; revised prerequisites in consultation with the instructor

**Resources:**

None.

POL318H5: Power and Conflict in Federalism

**Description:**

This course looks at how Canadian federalism has evolved and adapted to policy-making challenges, including urbanization, regionalism, and demographic changes among the Canadian population. In addition to the Constitution and the role of federal and provincial governments, we also examine the involvement of municipalities, First nations, and non-governmental actors including private and third sector groups. [24L]

**Prerequisites:**

POL100Y5 or POL102Y1 or POL110H5 and POL111H5 or POL214Y5 or POL214H1 or POL214Y1 or POL215H5 or POL216H5

**Exclusions:**

**Previous:**

**New:** POL316H1 or POL428H1

**Rationale:**

Revised exclusions and prerequisites to reflect changes in the UTSG calendar; corrected abbreviated title

**Consultation:****Resources:**

None.

## POL320Y5: Modernity and Resistance

**Exclusions:**

POL320Y1 or POL320H1 or POL321H1 or POLC73H3

**Rationale:**

Revised exclusions to reflect changes in the UTSG calendar

**Resources:**

None.

## POL327H5: Comparative Foreign Policy

**Prerequisites:**

POL208Y5 or (POL209H5 or ~~and~~ POL210H5) or POL218Y5 or POL208Y1 or (POL218H5 or ~~and~~ POL219H5)

**Exclusions:**

POL327Y5 or POL327H1 or POL326Y1 or POLC82H3 or POLC83H3

**Rationale:**

Revised exclusions and prerequisites to reflect changes in the UTSG calendar

**Resources:**

None.

## POL340Y5: International Law

**Prerequisites:**

POL208Y5 or ~~POL208Y1~~ or (POL209H5 and POL210H5) or POL218Y5 or (POL218H5 ~~POL218H1~~ and POL219H5 ~~POL219H1~~)

**Rationale:**

revised prerequisites in consultation with instructors

**Resources:**

None.

## POL344H5: Concepts, Actors, &amp; Challenges in Global Governance

**Prerequisites:**

POL208Y5 or (POL209H5 or ~~and~~ POL210H5) or POL208Y1 or (POL218H1 or ~~and~~ POL219H1)

**Rationale:**

We are retiring POL343Y5 (Global Governance) and replacing it with 2 similar H courses. This is one of them. We revised the prerequisites, too, in consultation with the instructor

**Consultation:**

Departmental curriculum review (Dec 2021)

**Resources:**

TA

## POL346Y5: Urban Politics

### Description:

This course examines urban politics and policy problems in both a Canadian and comparative context. Students will be introduced to the key theories and concepts of urban politics scholarship as well as the important policy issues facing contemporary cities such as globalization, sustainability, immigration, and regionalism. ~~[48L]~~

### Exclusions:

POL349H1 or POL349Y1

### Rationale:

Revised exclusions to reflect changes in the UTSG calendar

### Consultation:

### Resources:

None.

## POL354H5: Russian Politics

### Description:

After covering crucial background on tsarist Russia ~~The formation and development of~~ the Soviet system, the course considers the legacies ~~System of government under Lenin and Stalin;~~ Soviet rule. We then address questions of identity politics in Russia, the country's changing political economy, ~~post-Stalin era and~~ the shape of authoritarian institutions, ~~struggle for reform;~~ the dynamics ~~collapse of protest Communist party rule~~ and repression, how the authoritarian regime ~~Soviet state; government and politics in the new~~ Russia manages flows of information, and the nature of colonialism in the Russian context ~~with comparisons to other successor states.~~ ~~[24L]~~

### Prerequisites:

3.0 POL ~~9-0~~ credits or relevant coursework in Russian history, society, or culture

### Exclusions:

POLC58H3 or POL354Y5 or POL354H1

### Recommended Preparation:

**Previous:**

**New:** POL218Y5 or POL218H5 or POL219H5

### Rationale:

Changed exclusions to reflect changes in the UTSG calendar, corrected abbreviated title. Altered description and prerequisites in consultation with the instructor (Ed Schatz)

### Consultation:

### Resources:

None.

## POL360H5: State, Nation and Regime Change in Latin America

### Prerequisites:

2.0 POL credits ~~POL201Y5~~ or 8.0 credits ~~POL218Y5~~

### Rationale:

Revised prerequisites to make more uniform with the rest of our curriculum

### Resources:

None.

## POL361H5: Democracy and its interruptions in Latin America

### **Prerequisites:**

**Previous:** POL360H5

**New:** 2.0 POL credits or 8.0 credits

### **Rationale:**

We have revised the prerequisites to make them more consistent with other departmental offerings.

### **Resources:**

None.

## POL368H5: Gender and Politics

### **Prerequisites:**

2.0 credits in POL ~~or CCT or VCC~~

### **Exclusions:**

**POL351H1** or POL351Y1 or POL368Y5 or POL450H1

### **Rationale:**

We have revised the exclusions to reflect changes in the UTSG calendar; updated prerequisites.

### **Resources:**

None.

## POL390H5: Topics in Comparative Politics

### **Description:**

Content of course will vary from year to year. Consult with the Political Science Handbook. ~~{24L}~~

### **Prerequisites:**

**Previous:** POL218Y5

**New:** 3.0 POL credits

### **Recommended Preparation:**

**Previous:**

**New:** POL218Y5 or POL218H5 or POL219H5

### **Rationale:**

We have revised the prerequisites and recommended preparation to make this course more consistent with other POL offerings.

### **Resources:**

None.

## POL392H5: Topics in Political Theory

### **Prerequisites:**

**Previous:**

**New:** 3.0 POL credits

### **Exclusions:**

**Previous:** POL200Y

**New:**

### **Recommended Preparation:**

**Previous:**

**New:** POL200Y5

**Rationale:**

We corrected errors in the abbreviated course title and exclusions. We updated the prerequisites and recommended preparation to make the course more in line with other department offerings.

**Resources:**

None.

POL393H5: Topics in Political Science

**Title:**

Topics in ~~Canadian Politics~~ **Political Science**

**Prerequisites:**

**Previous:** POL200Y5 or POL208Y5 or POL208Y1 or ( POL209H5 and POL210H5 ) or (POL218H1 and POL219H1) or POL214Y5 or POL214Y1 or (POL215H5 and POL216H5) or POL218Y5

**New:** 3.0 POL credits or 8.0 credits

**Recommended Preparation:**

**Previous:**

**New:** POL214Y5 or POL215H5 or POL216H5

**Rationale:**

We would like to revise this course from a general political science topics course to one in Canadian politics. All of the other area groups have a 300-level topics course, except for Canadian Politics. In reviewing our curriculum, we think it makes sense to repurpose this course as one in Canadian Politics.

**Resources:**

TA (form submitted)

POL394H5: Topics in Political Science

**Prerequisites:**

**Previous:** POL200Y5 or POL208Y5 or POL208Y1 or ( POL209H5 and POL210H5 ) or (POL218H1 and POL219H1) or POL214Y or POL214Y1 or (POL215H5 and POL216H5) or POL218Y5

**New:** 3.0 POL credits or 8.0 credits

**Rationale:**

We have revised the prerequisites to bring them more in line with other courses in the department.

**Resources:**

None.

POL399Y5: Research Opportunity Program

**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 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~~ **See Experiential** and International Opportunities for more details.

**Exclusions:**

**Previous:** adding 0.5 credit 300 level ROP option to enhance experiential learning offerings for students (now permitted by Dean's office)

**New:**

**Rationale:**

Removing unnecessary note in exclusions field to add clarity for students.

**Resources:**

None.

POL402H5: Topics in Political Science

**Prerequisites:**

**Previous:** POL200Y5 or POL208Y5 or POL208Y1 or ( POL209H5 and POL210H5 ) or (POL218H1 and POL219H1) or POL214Y5 or POL214Y1 or (POL215H5 and POL216H5) or POL218Y5

**New:** 3.0 POL credits including 1.0 POL credit at the 300-level

**Rationale:**

We have revised the prerequisites to bring them more in line with other courses in the department.

**Resources:**

None.

POL403H5: Topics in Political Science

**Prerequisites:**

**Previous:** POL200Y5 or POL208Y5 or POL208Y1 or ( POL209H5 and POL210H5 ) or (POL218H1 and POL219H1) or POL214Y5 or POL214Y1 or (POL215H5 and POL216H5) or POL218Y5

**New:** 3.0 POL credits including 1.0 POL credit at the 300-level

**Rationale:**

We have revised the prerequisites to make them more in line with other courses in the department.

**Resources:**

None.

POL438H5: Topics in Comparative Politics

**Prerequisites:**

**Previous:** POL218Y5

**New:** 3.0 POL credits including 1.0 POL credit at the 300-level

**Rationale:**

We have revised the prerequisites to bring them more in line with other department courses.

**Consultation:**

**Resources:**

None.

POL440Y5: Politics and Governments of Eastern Europe

**Prerequisites:**



POL204Y5 or POL208Y5 or ~~POL208Y1~~ or (POL209H5 and POL210H5) or POL218Y5 or (POL218H5 ~~POL218H1~~ and POL219H5 ~~POL219H1~~) or permission of instructor  
POL354Y5

**Recommended Preparation:**

**Previous:**

**New:** POL354Y5 or POL354H5

**Rationale:**

We have revised prerequisites and recommended preparation in consultation with the instructor (Aurel Braun)

**Resources:**

None.

POL446H5: Politics of the South Asian Diaspora in Comparative Perspective

**Prerequisites:**

**Previous:** POL218Y5 or permission of the instructor

**New:** 4.0 credits in POL including 1.0 POL credit at the 300-level

**Recommended Preparation:**

**Previous:**

**New:** POL304Y5

**Rationale:**

We have revised prerequisites and recommended preparation in consultation with the instructor (Shivaji Mukherjee)

**Resources:**

None.

POL475H5: Global Environmental and Sustainability Politics

**Prerequisites:**

**Previous:** POL208Y5 or POL208Y1 or ( POL209H5 and POL210H5 ) or (POL218H1 and POL219H1)

**New:** 3.0 POL credits, including 1.0 POL credit at the 300-level

**Recommended Preparation:**

**Previous:**

**New:** POL208Y5 or (POL209H5 and POL210H5)

**Rationale:**

We have revised the prerequisites to bring them more in line with department practices, and added recommended preparation in consultation with the instructor (Steven Bernstein).

**Resources:**

None.

POL476H5: Topics in Political Economy

**Title:**

**Previous:** Topics in Political Economy

**New:** Moral Reason and Economic History I

**Description:**

**Previous:** Content of course will vary from year to year. Consult the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

**New:** A study of the interaction between political philosophy and economic history. The course involves alternative conceptions of the relation between individuals and the community, between the economy and the political order, between what 'is' and what 'ought to be.'

**Prerequisites:**

**Previous:**

**New:** POL309Y5 or POL320Y5 or permission of the instructor

**Exclusions:**

**Previous:**

**New:** POL478Y5

**Enrolment Limits:**

**Previous:** Enrolment is limited to Political Science Specialists, Joint Specialists and Political Science Majors.

**New:**

**Rationale:**

We have applied to retire POL478Y5: Moral Reason and Economic History, and we would like to replace it with 2 H courses in sequence. As POL476H5 and POL477H5 have not been taught in some time, we would like to convert them to Moral Reason and Economic History I and II

**Consultation:**

We have consulted with the lead instructor, Richard Day, and this is his preference.

**Resources:**

None (form submitted).

POL477H5: Topics in Political Economy

**Title:**

**Previous:** Topics in Political Economy

**New:** Moral Reason and Economic History II

**Description:**

**Previous:** Content of course will vary from year to year. Consult the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

**New:** A study of the interaction between political philosophy and economic history. The course involves alternative conceptions of the relation between individuals and the community, between the economy and the political order, between what 'is' and what 'ought to be.'

**Prerequisites:**

**Previous:**

**New:** POL476H5

**Exclusions:**

**Previous:**

**New:** POL478Y5

**Enrolment Limits:**

**Previous:** Enrolment is limited to Political Science Specialists, Joint Specialists and Political Science Majors.

**New:**

**Rationale:**

We have proposed to retire POL 478Y5: Moral Reason and Economic History. We propose to convert this topics class in political economy to a permanent course that covers Part II of POL 478Y5. POL 477H5 has not been offered as a topics course for some time.

**Consultation:**

We have consulted with the lead instructor, Richard Day, and this is his preference.

**Resources:**

None (form submitted).

POL490H5: Topics in Canadian Politics

**Prerequisites:**

**Previous:** POL100Y5 or ( POL110H5 and POL111H5 ) or POL214Y5 or POL214Y1 or (POL215H5 and POL216H5)

**New:** 3.0 POL credits, including 1.0 POL credit at the 300-level

**Recommended Preparation:**

**Previous:**

**New:** POL214Y5 or POL215H5 or POL216H5

**Rationale:**

We have revised the prerequisites and recommended preparation for this course to bring it more in line with other courses in POL.

**Resources:**

None (form submitted).

11 Retired Courses:

POL218Y5: Introduction to Comparative Politics

**Rationale:**

Our department had a curriculum review workshop in December 2021. The comparative politics scholars in our department advocated for retiring this course and replacing it with 2 H courses, in keeping with our department's pattern of dividing our second-year courses into two-semester offerings.

**Consultation:**

See above--our department's curriculum review workshop in December 2021 led to the decision to retire this Y course and replace it with two equivalent H courses.

POL300Y5: Topics in Comparative Politics

**Rationale:**

Our department is in the process of retiring most of our Y courses and replacing them with appropriate H courses (POL 300H5 in this case).

POL302Y5: Politics of Western Europe and the European Union

**Rationale:**

We propose to retire this course, and we propose two H courses to replace it that will be similar in content: POL 313H5 and POL 314H5, currently. Our department is in the process of retiring many of our Y courses and turning them into H courses or sequences of H courses.

**Consultation:**

Department-wide curriculum workshop, December 2021.

POL305Y5: Topics in International Relations

**Rationale:**

Our department is in the process of retiring most Y courses. We have a 305H course that will stand as an H version of this course.

## POL368Y5: Gender and Politics

**Rationale:**

We would like to retire this course, as we have an H-term course (POL 368H5) which is similar.

## POL392Y5: Topics in Political Theory

**Rationale:**

We would like to retire this course, as we have a similar H course that is offered more regularly (POL 392H5).

## POL443Y5: Topics in Comparative Politics

**Rationale:**

We would like to retire this Y course, as part of a general department agreement to convert nearly all of our Y courses to H courses. We have a POL438H5 topics course in comparative politics that we will use going forward.

**Consultation:**

Department-wide consultation at December 2021 curriculum workshop.

## POL478Y5: Moral Reason and Economic History

**Rationale:**

We propose to retire this course and replace it with a sequence of two H courses, which we are also proposing.

**Consultation:**

We have consulted with the lead instructor on this course, Richard Day, and this is his preference.

## POL484Y5: Topics in Political Thought

**Rationale:**

Our department is in the process of retiring most of our Y courses. We will have two H courses to replace this one: POL 485H5, and POL 484H5 (which we just applied for).

**Consultation:**

See above--our department has agreed to retire most of our Y courses.

## POL486Y5: Topics in International Relations

**Rationale:**

Our department has agreed to retire nearly all Y courses and to replace them with comparable H courses. We would like to retire this course and propose a new H course version of it, POL 486H5.

**Consultation:**

See above--our faculty has agreed to retire most Y courses.

## POL494Y5: Topics in Canadian Politics

**Rationale:**

Our department has agreed to retire nearly all of our Y courses, and to replace them with comparable H courses. We will propose POL 494H5 to replace this course.

**Consultation:**

See above--our department has reached agreement to retire most Y courses.

## 1 Minor Program Modification:

### Economics and Political Science - Specialist (Arts)

#### Enrolment Requirements:

**Limited Enrolment** — Enrolment in this program is limited.

For students applying in 2021-2022 for program entry in the 2022-2023 Academic Year, 4.0 credits are required, including the following:

- A mark of at least 70% in 1.0 credit of POL;
- A mark of at least 63% in ECO100Y5 or (63% in each of ECO101H5 and ECO102H5) ;
- MAT133Y5 (with a mark of at least 63%) or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5) or MAT137Y5; and
- A minimum CGPA of 2.00

Students enrolling at the end of first second year(4.0 8.0 credits)must obtain:

- 2.0 credits of POL (with a mark of at least 70% in each course) ;
- A mark of at least 63% in ECO100Y5 or (63% in each of ECO101H5 and ECO102H5) ;
- MAT133Y5 (with a mark of at least 63%) or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5) or MAT137Y5; and
- A minimum CGPA of 2.30

For students applying in 2022-2023 (and beyond) for program entry in the 2023-2024 Academic Year (and beyond), 4.0 credits are required, including the following:

- A mark of at least 70% in 1.0 credit of POL;
- A mark of at least 63% in ECO100Y5 or (63% in each of ECO101H5 and ECO102H5) ;
- MAT133Y5 (with a mark of at least 63%) or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5) or MAT137Y5 or (MAT137H5 and MAT139H5); MAT137Y5;
- ISP100H5; and
- A minimum CGPA of 2.00

Students enrolling at the end of second year (8.0 credits) must obtain:

- 2.0 credits of POL (with a mark of at least 70% in each course);
- A mark of at least 63% in ECO100Y5 or (63% in each of ECO101H5 and ECO102H5) ;
- MAT133Y5 (with a mark of at least 63%) or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5) or MAT137Y5 or (MAT137H5 and MAT139H5) ; MAT137Y5;
- ISP100H5; and
- A minimum CGPA of 2.30

#### Completion Requirements:

~~14.5~~14.0-14.5 credits are required.

For students entering the program in 2023-2024 (and beyond): ISP100H5 (0.5 credit)

#### Economics: 7.0 credits

1. ECO100Y5 or (ECO101H5 and ECO102H5)
2. MAT133Y5 or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5)
3. (ECO200Y5 or ECO204Y5 or ECO206Y5) and (ECO202Y5 or ECO208Y5 or ECO209Y5) and [ECO220Y5 or ECO227Y5 or (1.0 credit from STA256H5 or STA258H5 or STA260H5)]
4. (ECO302H5 and ECO303H5) or ECO322Y5 or ECO323Y5
5. 1.0 credit of ECO at the 300/400-level

**Political Science:** 7.0 credits in POL, including at least 1.0 credit at the 400 level and no more than 1.0 credit at the 100 level.

1. POL200Y5 and (POL215H5 and POL216H5) and POL309Y5
2. 1.0 credit each (total 2.0 credits) from two of the following three fields:
  - a. **Comparative Politics** - POL203Y5 or POL203H5 or POL218Y5 or POL354Y5 or POL300Y5 or POL302Y5 or POL303H5 or POL303Y5 or POL304Y5 or ~~POL309Y5~~ or ~~POL332Y5~~ or POL440Y5 or POL443H5 or POL443Y5 or POL438H5 or POL438Y5
  - b. **International Relations** - POL208Y5 or (POL209H5 and POL210H5) or POL310Y5 or POL311H5 or POL312H5 or POL327H5 or POL327Y5 or POL340Y5 or POL343Y5 or POL344H5 or POL345H5 or POL486Y5 or POL487H5
  - c. **Public Policy and Public Administration** - POL316Y5 or POL317Y5 or POL317H5 or POL318H5 or POL336H5 or POL336Y5 or POL346Y5 or POL353Y5 or POL355H5 or POL355Y5 or POL368H5 or POL368Y5 or POL369Y5 or POL370H5 or POL371H5 or JEP351H5 or JEP356H5 or JEP452H5 or JPE250Y5 or JPE251H5 or JPE252H5
3. 2.0 credits of POL

**Rationale:**

1. POL 309Y5 is in fact already a required course for the joint specialist program, so having it listed again as an optional course students may select creates confusion and difficulty for students and advisors. We think this small revision will correct this problem.
2. MCS department has proposed a change to split their full year course ( MAT13Y5) into MAT137H5 and MAT139H5. Change being made to account for changes in courses.
3. Changes to course list resulting from changes to POL courses made earlier in the cycle.

**Resource Implications:**

None.

## Sociology (UTM), Department of

### 2 New Courses:

#### SOC431H5: Museums & Indigenous Peoples

**Contact Hours:**

Seminar: 24

**Description:**

This seminar in Indigenous Studies focuses on the evolving relationship between Indigenous peoples and museums. It explores changes to museum policy and practice, the repatriation of Indigenous bodies, objects, and knowledges, the development of Indigenous museums, and the contributions of Indigenous artists to a new museology.

**Prerequisites:**

1.0 SSC credit, including 0.5 credit at the 300-level

**Rationale:**

I (the instructor Robin R. R. Gray) have taught Museums & Indigenous Peoples three times (Winter '20, Winter '21, and Winter '22) under the designated course code for a Senior Seminar in Indigenous Studies. I need to free up that course code for the other Indigenous faculty so they can try out new courses. Given student response to the seminar topic and the exceptionally positive course evaluations, Museums & Indigenous Peoples should be a permanent offering in the Department of Sociology's course catalogue. Not only does this ensure that we can continue to build a permanent suite of Indigenous Studies course offerings, but it also supports students to broaden their understanding of the socio-cultural and political effects of museums worldwide.

**Resources:**

From the instructor: To provide students with experiential learning opportunities such as the Indigenous Professional Learning Workshop at the Royal Ontario Museum or the Woodland Cultural Centre's Mohawk Institute Residential School Virtual Tour, I have applied for and been granted Sociology Department Small Awards to fund the learning events. Students overwhelmingly appreciated this approach to learning, and I would like to continue the tradition of offering these learning opportunities to our students.

## SOC435H5: Sociology of Environmental Health

**Contact Hours:**

Seminar: 24

**Description:**

This course will examine environmental health with an emphasis on environmental justice, contested illness, and the politics of scientific knowledge production. We will study the politics of environmental health through case studies on activism in response to hazards, the tactics of corporate "product defense," and the challenges of policy response.

**Prerequisites:**

SOC100H5 and (SOC205H5 or SOC231H5)

**Rationale:**

This course would be a strong addition to the department's courses related to health, social inequality, and crime. Given the increasingly clear impacts of global climate change the ongoing covid-19 pandemic, there is a growing need for students to understand the politics of scientific evidence, public policy interventions in large-scale crises, and the evolving tactics of environmental health (and related) movements. It is also important for students to understand corporate defense strategies (i.e. global warming), as well as the politics of investment/disinvestment in national and international public health.

**Resources:**

None.

## 17 Course Modifications:

## SOC311H5: Special Topics in Law

**Description:**

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. **The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable. [24L]**

**Rationale:**

Regarding Course Description update: Addition of standard statement reflecting contact hours for Topics courses.

**Resources:**

None.

## SOC336H5: Special Topics in Sociology

**Description:**

This course explores a particular area within sociology. Topics vary from year to year and are noted on the timetable once confirmed. **The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable. [24L]**

**Rationale:**

Regarding Course Description update: Addition of standard statement reflecting contact hours for Topics courses.

**Resources:**

None.

#### SOC337H5: Special Topics in Criminology, Law and Society

**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. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable. [24L]

**Rationale:**

Regarding Course Description update: Addition of standard statement reflecting contact hours for Topics courses.

**Resources:**

None.

#### SOC345H5: Special Topics in Sociology

**Description:**

This course explores a particular area within sociology. Topics vary from year to year and are noted on the timetable once confirmed. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable. [24L]

**Rationale:**

Regarding Course Description update: Addition of standard statement reflecting contact hours for Topics courses.

**Resources:**

None.

#### SOC346H5: Special Topics in Criminology, Law and Society

**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. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable. [24L]

**Rationale:**

Regarding Course Description update: Addition of standard statement reflecting contact hours for Topics courses.

**Resources:**

None.

#### SOC365H5: Special Topics in Criminology

**Description:**

This course will explore a particular area within criminology. Topics vary from year to year and are noted on the timetable once confirmed. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable. [24L]

**Rationale:**

Regarding Course Description update: Addition of standard statement reflecting contact hours for Topics courses.

**Resources:**

None.

#### SOC366H5: Special Topics in Criminology

**Description:**

This course will explore a particular area within criminology. Topics vary from year to year and are noted on the timetable once confirmed. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable. [24L]



**Rationale:**

Regarding Course Description update: Addition of standard statement reflecting contact hours for Topics courses.

**Resources:**

None.

## SOC404H5: Special Topics in Social Policy

**Description:**

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. **The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable. [24L]**

**Rationale:**

Regarding Course Description update: Addition of standard statement reflecting contact hours for Topics courses.

**Resources:**

None.

## SOC426H5: Social Theory and Third Cinema

**Contact Hours:**

**Previous: Seminar: 24**

**New: Seminar: 36**

**Exclusions:**

**Previous:**

**New: CIN400H5 (Fall 2021 only)**

**Rationale:**

Regarding the exclusion: The exclusion would be for the course CIN400H5 - Topics in Cinema Studies, but only if the course was taken in the Fall 2021 term when the topic was, "Decolonizing the Image in Third Cinema". The addition of this exclusion has been reviewed with Steph Sullivan in the Department of Visual Studies.

Regarding the increased instructional hours: The course instructor (Kristin Plys) has requested an increase in the instructional hours from 24 to 36, so that each weekly course meeting can be long enough to screen films.

## SOC439Y5: Research Project in Sociology

**Description:**

This is a seminar course where students engage in an independent research project supervised by a faculty member in Sociology. Students develop a research proposal, conduct independent research, analyze data and present findings. Admission by academic merit. **Interested students should submit an application to the Department of Sociology (see website for details).** Preference given to eligible Sociology Specialists **and Majors**.

**Rationale:**

Regarding Course Description update: Course Description edited to remove line about students needing to submit an application (this is no longer used). Also removed "Majors" from statement regarding preference, as course is primarily taken by students in the Specialist program (it is one of their program requirements).

**Resources:**

None.

## SOC440Y5: Research Project in Criminology, Law and Society

**Description:**

This is a seminar course where students pursue advanced research supervised by a faculty member in Criminology, Law and Society. Students develop a research proposal, conduct independent research, analyze data and present findings.

Admission by academic merit. 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.

**Rationale:**

Regarding Course Description update: Course Description edited to remove line about students needing to submit an application (this is no longer used). Also removed "Majors" from statement regarding preference, as course is primarily taken by students in the Specialist program (it is one of their program requirements).

**Resources:**

None.

SOC444H5: Advanced Topics in Sociology

**Description:**

An in-depth examination of selected topics in Sociology. Topics vary from year to year and are noted on the timetable once confirmed. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable. [24L]

**Rationale:**

Regarding Course Description update: Addition of standard statement reflecting contact hours for Topics courses.

SOC445H5: Advanced Topics in Sociology

**Description:**

An in-depth examination of selected topics in Sociology. Topics vary from year to year and are noted on the timetable once confirmed. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable. [24L]

**Rationale:**

Regarding Course Description update: Addition of standard statement reflecting contact hours for Topics courses.

SOC446H5: Advanced Topics in Criminology, Law and Society

**Description:**

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. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable. [24L]

**Rationale:**

Regarding Course Description update: Addition of standard statement reflecting contact hours for Topics courses.

SOC447H5: Advanced Topics in Criminology, Law and Society

**Description:**

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. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable. [24L]

**Rationale:**

Regarding Course Description update: Addition of standard statement reflecting contact hours for Topics courses.

SOC448H5: Advanced Topics in Criminology, Law and Society

**Description:**

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. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable. [24L]

**Rationale:**

Regarding Course Description update: Addition of standard statement reflecting contact hours for Topics courses.

## SOC480Y5: Internship in Sociology, Criminology, Law and Society

**Description:**

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).

**Note:** 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:**

Regarding Course Description update: Course Description edited to remove line about students needing to confirm internship arrangements in advance, secure departmental approval, etc. (this process can vary). Students will be able to obtain relevant information from the departmental website.

## 5 Minor Program Modifications:

### Criminology, Law & Society - Major (Arts)

#### Enrolment Requirements:

**Limited Enrolment:** — Space in the Major Program in Criminology, Law & Society is limited. To be considered for enrolment, students must meet the following minimum criteria. Meeting the minimum requirements does not guarantee admission.

For students applying in 2022-2023 for program entry in the 2023-2024 Academic Year:

1. **Credits:** A minimum of 4.0 credits.
2. **Prerequisite Course(s):** Students must have a final mark of at least 67% in [their first successful attempt at UTM SOC100H5](#) OR ~~or~~ a final mark of at least 70% in each of [SOC109H5](#) and 0.5 credit of ~~UTM~~ SOC at the 200 level or above. (See Note ~~1~~ below.)
3. **Cumulative Grade Point Average (CGPA):** The Department of Sociology determines the minimum CGPA annually in relation to the number of applicants. It is never below 2.00.

#### NoteNotes:

1. Students who have taken [SOC209H5](#) will use this credit in lieu of [SOC109H5](#). No specific grade in [SOC209H5](#) is required. The achieved grade in [SOC209H5](#) will be included in the CGPA calculation used to determine admission eligibility.

For students applying in 2023-2024 (and beyond) for program entry in the 2024-2025 Academic Year (and beyond):

1. Credits: A minimum of 4.0 credits.
2. Prerequisite Course (s): Students must have a final mark of at least 67% in [SOC100H5](#) OR a final mark of at least 70% in each of [SOC109H5](#) and 0.5 credit of SOC at the 200 level or above. (See Note below.)
3. [ISP100H5](#)
4. Cumulative Grade Point Average (CGPA): The Department of Sociology determines Meeting the minimum CGPA annually in relation to the number of applicants. It is never below 2.00 requirements does not guarantee admission.

Note: Students who have taken [SOC209H5](#) will use this credit in lieu of [SOC109H5](#). No specific grade in [SOC209H5](#) is required. The achieved grade in [SOC209H5](#) will be included in the CGPA calculation used to determine admission eligibility.

#### Completion Requirements:

7.0-7.5 ~~7.0~~ credits are required.

First Year:

- [SOC100H5](#)
- [SOC109H5](#) or [SOC209H5](#)
- For students entering the program in 2024-2025 (and beyond): [ISP100H5](#)

Higher Years:

- [SOC205H5](#) and [SOC221H5](#) and [SOC222H5](#)
- 1.0 credit from Group A, B, or C (below) at the 400-level
- 1.0 credit from Group A, B, or C (below) at the 300-level
- 1.0 credit from Group A, B, or C (below) at the 300-/400-level
- 1.5 credits from Group A, B or C (below) at any level

Note: The credits used to satisfy the higher year requirements listed above must include 3.0 credits from Group A.

#### Group A - Criminology, Law & Society Courses:

[SOC206H5](#) , [SOC208H5](#) , [SOC210H5](#) , [SOC211H5](#) , [SOC216H5](#) , [SOC219H5](#) , [SOC301H5](#) , [SOC303H5](#) , [SOC306H5](#) , [SOC310H5](#) , [SOC311H5](#) , [SOC312H5](#) , [SOC316H5](#) , [SOC320H5](#) , [SOC321H5](#) , [SOC322H5](#) , [SOC323H5](#) , [SOC324H5](#) , [SOC325H5](#) , [SOC326H5](#) , [SOC327H5](#) , [SOC328H5](#) , [SOC329H5](#) , [SOC330H5](#) , [SOC331H5](#) , [SOC333H5](#) , [SOC337H5](#) , [SOC338H5](#) , [SOC339H5](#) , [SOC346H5](#) , [SOC351H5](#) , [SOC353H5](#) , [SOC357H5](#) , [SOC358H5](#) , [SOC363H5](#) , [SOC365H5](#) , [SOC366H5](#) , [SOC371H5](#) , [SOC378H5](#) , [SOC379H5](#) , [SOC382H5](#) , [SOC393H5](#) , [SOC394H5](#) , [SOC401H5](#) , [SOC403H5](#) , [SOC405H5](#) , [SOC406H5](#) , [SOC420H5](#) , [SOC421H5](#) , [SOC423H5](#) , [SOC424H5](#) , [SOC429H5](#) , [SOC432H5](#) , [SOC446H5](#) , [SOC447H5](#) , [SOC448H5](#) , [SOC450H5](#) , [SOC456H5](#) , [SOC475H5](#) , [SOC493H5](#) , [SOC494H5](#)

**Group B - Interdisciplinary Elective Courses:**

[ANT205H5](#) , [ANT209H5](#) , [ANT217H5](#) , [ANT306H5](#) , [ANT352H5](#) , [ANT354H5](#) , [ANT369H5](#) , [ANT439H5](#) , [FSC220H5](#) , [FSC239Y5](#) , [FSC271H5](#) , [FSC360H5](#) , [FSC406H5](#) , [PHL246H5](#) , [PHL265H5](#) , [PHL271H5](#) , [PHL274H5](#) , [PHL275H5](#) , [PHL277Y5](#) , [PHL365H5](#) , [PHL370H5](#) , [PHL374H5](#) , [PHL376H5](#) , [POL209H5](#) , [POL210H5](#) , [POL215H5](#) , [POL216H5](#) , [POL310Y5](#) , [POL340Y5](#) , [POL343Y5](#) , [PSY220H5](#) , [PSY230H5](#) , [PSY240H5](#) , [PSY270H5](#) , [PSY328H5](#) , [PSY340H5](#) , [PSY341H5](#) , [PSY344H5](#) , [PSY346H5](#) , [PSY440H5](#) , [SOC231H5](#) , [SOC253H5](#) , [SOC263H5](#) , [SOC275H5](#) , [SOC302H5](#) , [SOC318H5](#) , [SOC332H5](#) , [SOC342H5](#) , [SOC348H5](#) , [SOC350H5](#) , [SOC359H5](#) , [SOC364H5](#) , [SOC375H5](#) , [SOC380H5](#) , [SOC387H5](#) , [SOC388H5](#) , [SOC425H5](#) , [SOC455H5](#) , [SOC457H5](#) , [SOC460H5](#) , [SOC463H5](#) , [WGS215H5](#) , [WGS350H5](#) , [WGS351H5](#) , [WGS365H5](#) , [WGS373H5](#) , [WGS420H5](#)

**Group C - Enrichment Courses:**

[SOC230H5](#) , [SOC299H5](#) , [SOC299Y5](#) , [SOC382H5](#) , [SOC399H5](#) , [SOC399Y5](#) , [SOC401H5](#) , [SOC403H5](#) , [SOC406H5](#) , [SOC410H5](#) , [SOC411H5](#) , [SOC412H5](#) , [SOC413H5](#) , [SOC414H5](#) , [SOC415H5](#) , [SOC416H5](#) , [SOC417H5](#) , [SOC418H5](#) , [SOC419H5](#) , [SOC420H5](#) , [SOC421H5](#) , [SOC423H5](#) , [SOC439Y5](#) , [SOC440Y5](#) , [SOC450H5](#) , [SOC452H5](#) , [SOC456H5](#) , [SOC467H5](#) , [SOC480Y5](#) , [SOC485H5](#) , [SOC499H5](#) , [SOC499Y5](#)

**Description of Proposed Changes:**

Edits to item 2 of Enrolment Requirements section.

**Rationale:**

Some editing for clarity and accuracy. The phrase "first successful attempt" was removed in reference to SOC100H5, as students can repeat a passed course once, and Degree Explorer cannot differentiate between attempts (for purposes of assessing program admission). Addition of ISP100H5 to the program enrolment and completion requirements.

**Resource Implications:**

None.

Criminology, Law & Society - Specialist (Arts)

**Enrolment Requirements:**

**Limited Enrolment** — — Space in the Specialist Program in Criminology, Law & Society is limited. To be considered for enrolment, students must meet the following minimum criteria. Meeting the minimum requirements does not guarantee admission.

For students applying in 2022-2023 for program entry in the 2023-2024 Academic Year:

1. **Registration Status:** Current enrolment in the Criminology, Law & Society Major program.
2. **Credits:** A minimum of 8.0 credits.
3. **Prerequisite Courses:**([SOC109H5](#) or [SOC209H5](#) )and [SOC205H5](#) and [SOC221H5](#) and [SOC222H5](#) and [SOC231H5](#) with a minimum average of 73% across all courses. [SOC209H5](#) will be accepted in place of [SOC109H5](#) with no grade requirement and excluded from the calculation of minimum average of 73% across all courses.
4. **Cumulative Grade Point Average (CGPA):** The Department of Sociology determines the minimum CGPA annually in relation to the number of applicants. It is never below 2.00.

**NoteNotes:**

1. Students who have taken [SOC209H5](#) will use this credit in lieu of [SOC109H5](#) . No specific grade in [SOC209H5](#) is required. The achieved grade in [SOC209H5](#) will be included in the CGPA calculation used to determine admission eligibility.

For students applying in 2023-2024 (and beyond) for program entry in the 2024-2025 Academic Year (and beyond):

1. Registration Status: Current enrolment in the Criminology, Law & Society Major program.
2. Credits: A minimum of 8.0 credits.
3. Prerequisite Courses: ([SOC109H5](#) or [SOC209H5](#) ) and [SOC205H5](#) and [SOC221H5](#) and [SOC222H5](#) and [SOC231H5](#) and ISP100H5 with a minimum average of 73% across all courses. [SOC209H5](#) will be accepted in place of [SOC109H5](#) with no grade requirement and excluded from **Meeting** the calculation of minimum average of 73% across all courses.
4. Cumulative Grade Point Average (CGPA): The Department of Sociology determines the minimum CGPA annually in relation to the number of applicants. It is never below 2.00 **requirements does not guarantee admission.**

Note: Students who have taken [SOC209H5](#) will use this credit in lieu of [SOC109H5](#) . No specific grade in [SOC209H5](#) is required. The achieved grade in [SOC209H5](#) will be included in the CGPA calculation used to determine admission eligibility.

### Completion Requirements:

10.0-10.5 ~~10.0~~ credits are required, including 5.0 credits at the 300/400 level

First Year:

- [SOC100H5](#)
- [SOC109H5](#) or [SOC209H5](#)
- For students entering the program in 2024-2025 (and beyond): ISP100H5

Higher Years:

- [SOC205H5](#) and [SOC221H5](#) ~~SOC221~~ and [SOC222H5](#) and [SOC231H5](#)
- [SOC350H5](#) and [SOC387H5](#) and [SOC440Y5](#)
- 3.5 credits from courses listed in Group A below
- 0.5 credit from courses listed in Group A, B or C below
- 1.0 credit from courses listed in Group C below

Note: The credits used to satisfy the bulleted requirements listed above must include 3.0 credits at the 300/400 level.

### Group A - Criminology, Law & Society Courses:

[SOC206H5](#) , [SOC208H5](#) , [SOC210H5](#) , [SOC211H5](#) , [SOC216H5](#) , [SOC219H5](#) , [SOC301H5](#) , [SOC303H5](#) , [SOC306H5](#) , [SOC310H5](#) , [SOC311H5](#) , [SOC312H5](#) , [SOC316H5](#) , [SOC320H5](#) , [SOC321H5](#) , [SOC322H5](#) , [SOC323H5](#) , [SOC324H5](#) , [SOC325H5](#) , [SOC326H5](#) , [SOC327H5](#) , [SOC328H5](#) , [SOC329H5](#) , [SOC330H5](#) , [SOC331H5](#) , [SOC333H5](#) , [SOC337H5](#) , [SOC338H5](#) , [SOC339H5](#) , [SOC346H5](#) , [SOC351H5](#) , [SOC353H5](#) , [SOC357H5](#) , [SOC358H5](#) , [SOC363H5](#) , [SOC365H5](#) , [SOC366H5](#) , [SOC371H5](#) , [SOC378H5](#) , [SOC379H5](#) , [SOC382H5](#) , [SOC393H5](#) , [SOC394H5](#) , [SOC401H5](#) , [SOC403H5](#) , [SOC405H5](#) , [SOC406H5](#) , [SOC420H5](#) , [SOC421H5](#) , [SOC423H5](#) , [SOC424H5](#) , [SOC429H5](#) , [SOC432H5](#) , [SOC446H5](#) , [SOC447H5](#) , [SOC448H5](#) , [SOC450H5](#) , [SOC456H5](#) , [SOC475H5](#) , [SOC493H5](#) , [SOC494H5](#)

### Group B - Interdisciplinary Elective Courses:

[ANT205H5](#) , [ANT209H5](#) , [ANT217H5](#) , [ANT306H5](#) , [ANT352H5](#) , [ANT354H5](#) , [ANT369H5](#) , [ANT439H5](#) , [FSC220H5](#) , [FSC239Y5](#) , [FSC271H5](#) , [FSC360H5](#) , [FSC406H5](#) , [PHL246H5](#) , [PHL265H5](#) , [PHL271H5](#) , [PHL274H5](#) , [PHL275H5](#) , [PHL277Y5](#) , [PHL365H5](#) , [PHL370H5](#) , [PHL374H5](#) , [PHL376H5](#) , [POL209H5](#) , [POL210H5](#) , [POL215H5](#) , [POL216H5](#) , [POL310Y5](#) , [POL340Y5](#) , [POL343Y5](#) , [PSY220H5](#) , [PSY230H5](#) , [PSY240H5](#) , [PSY270H5](#) , [PSY328H5](#) , [PSY340H5](#) , [PSY341H5](#) , [PSY344H5](#) , [PSY346H5](#) , [PSY440H5](#) , [SOC253H5](#) , [SOC263H5](#) , [SOC275H5](#) , [SOC302H5](#) , [SOC318H5](#) , [SOC332H5](#) , [SOC342H5](#) , [SOC348H5](#) , [SOC359H5](#) , [SOC364H5](#) , [SOC375H5](#) , [SOC380H5](#) , [SOC388H5](#) , [SOC425H5](#) ,

[SOC455H5](#) , [SOC457H5](#) , [SOC460H5](#) , [SOC463H5](#) , [WGS215H5](#) , [WGS350H5](#) , [WGS351H5](#) , [WGS365H5](#) , [WGS373H5](#) , [WGS420H5](#)

**Group C – Enrichment Courses:**

[SOC230H5](#) , [SOC299H5](#) , [SOC299Y5](#) , [SOC382H5](#) , [SOC399H5](#) , [SOC399Y5](#) , [SOC401H5](#) , [SOC403H5](#) , [SOC406H5](#) , [SOC410H5](#) , [SOC411H5](#) , [SOC412H5](#) , [SOC413H5](#) , [SOC414H5](#) , [SOC415H5](#) , [SOC416H5](#) , [SOC417H5](#) , [SOC418H5](#) , [SOC419H5](#) , [SOC420H5](#) , [SOC421H5](#) , [SOC423H5](#) , [SOC439Y5](#) , [SOC450H5](#) , [SOC452H5](#) , [SOC456H5](#) , [SOC467H5](#) , [SOC480Y5](#) , [SOC485H5](#) , [SOC499H5](#) , [SOC499Y5](#)

**Rationale:**

Introduction of ISP100H5 to the program enrolment and completion requirements.

**Resource Implications:**

None.

Sociology - Major (Arts)

**Enrolment Requirements:**

**Limited Enrolment:** — Space in the Major program in Sociology is limited. To be considered for enrolment, students must meet the following minimum criteria. **Meeting the minimum requirements does not guarantee admission.**

**For students applying in 2022-2023 for program entry in the 2023-2024 Academic Year:**

1. **Credits:** A minimum of 4.0 credits.
2. **Prerequisite Course(s):** Students must have a final mark of at least 67% in [their first successful attempt at UTM SOC100H5](#) OR ~~or~~ a final mark of at least 70% in each of two 0.5 credit ~~UTM~~ SOC courses at the 200 level or above.
3. **Cumulative Grade Point Average (CGPA):** The Department of Sociology determines the minimum CGPA annually in relation to the number of applicants. It is never below 2.00.

**For students applying in 2023-2024 (and beyond) for program entry in the 2024-2025 Academic Year (and beyond) Note:**

1. **Credits:** A minimum of 4.0 credits.
2. **Prerequisite Course (s):** Students must have a final mark of at least 67% in [SOC100H5](#) OR a final mark of at least 70% in each of two 0.5 credit SOC courses at the 200 level or above.
3. ISP100H5
4. **Cumulative Grade Point Average (CGPA):** The Department of Sociology determines **Meeting** the minimum CGPA annually in relation to the number of applicants **requirements does not guarantee admission.** It is never below 2.00.

**Completion Requirements:**

7.0-7.5 ~~7.0~~ credits ~~of SOC~~ are required.

First Year:

- [SOC100H5](#)
- **For students entering the program in 2024-2025 (and beyond):** ISP100H5

Higher Years:

- [SOC221H5](#) and [SOC222H5](#) and [SOC231H5](#)
- 1.0 credit of SOC at the 300 level
- 1.0 credit of SOC at the 400 level
- 1.0 credit of SOC at the 300/400 level
- 2.0 credits of SOC

**Description of Proposed Changes:**

Edits to item 2 of Enrolment Requirements section.

**Rationale:**

Some editing for clarity and accuracy. The phrase "first successful attempt" was removed in reference to SOC100H5, as students can repeat a passed course once, and Degree Explorer cannot differentiate between attempts (for purposes of assessing program admission).

Addition of ISP100H5 to the program enrolment and completion requirements.

**Resource Implications:**

None.

## Sociology - Minor (Arts)

**Enrolment Requirements:**

**Limited Enrolment:** — Admission is based on the following criteria:

1. **Credits:** Students must have a minimum of 4.0 credits.

2. **Prerequisite Course(s):** Students must have a minimum final mark of 65% in ~~their first successful attempt at UTM~~ SOC100H5, ~~OR~~ ~~or~~ a final mark of 67% in each of two 0.5 credit ~~UTM~~ SOC courses at the 200 level or above.

3. **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.**

**Description of Proposed Changes:**

Edits to item 2 of Enrolment Requirements section.

**Rationale:**

Some editing for clarity and accuracy. The phrase "first successful attempt" was removed in reference to SOC100H5, as students can repeat a passed course once, and Degree Explorer cannot differentiate between attempts (for purposes of assessing program admission).

**Resource Implications:**

None.

## Sociology - Specialist (Arts)

**Enrolment Requirements:**

**Limited Enrolment** — ~~Space~~ Space in the Specialist Program in Sociology is limited. To be considered for enrolment, students must meet the following minimum criteria. **Meeting the minimum requirements does not guarantee admission.**

**For students applying in 2022-2023 for program entry in the 2023-2024 Academic Year:**

1. **Registration Status:** Current enrolment in the Sociology Major program.

2. **Credits:** A minimum of 8.0 credits.

3. **Prerequisite Courses:** [SOC100H5](#) and ~~and~~ [SOC221H5](#) and ~~and~~ [SOC222H5](#) and ~~and~~ [SOC231H5](#) with ~~with~~ a minimum average of 73% across all courses.

4. **Cumulative Grade Point Average (CGPA):** The Department of Sociology determines the minimum CGPA annually in relation to the number of applicants. It is never below 2.00.



**For students applying in 2023-2024 (and beyond) for program entry in the 2024-2025 Academic Year (and beyond) Note:**

1. Registration Status: Current enrolment in **Meeting** the Sociology Major program.
2. Credits: A minimum of 8.0 credits **requirements does not guarantee admission.**
3. Prerequisite Courses: [SOC100H5](#) and [SOC221H5](#) and [SOC222H5](#) and [SOC231H5](#) and ISP100H5 with a minimum average of 73% across all courses.
4. Cumulative Grade Point Average (CGPA): The Department of Sociology determines the minimum CGPA annually in relation to the number of applicants. It is never below 2.00.

**Completion Requirements:**

10.0-10.5 ~~10.0~~ credits **of SOC** are required.

**First Year:**

- [SOC100H5](#)
- For students entering the program in 2024-2025 (and beyond): ISP100H5

**Higher Years:**

- [SOC221H5](#) and ~~and~~ [SOC222H5](#) and ~~and~~ [SOC231H5](#)
- [SOC350H5](#) and ~~and~~ [SOC387H5](#) and ~~and~~ [SOC439Y5](#)
- 5.0 credits of SOC, of which 3.0 credits must be at the 300/400-level
- 1.0 credit from [SOC230H5](#) or [SOC299H5](#) or [SOC299Y5](#) or [SOC382H5](#) or [SOC399H5](#) or [SOC399Y5](#) or [SOC401H5](#) or [SOC403H5](#) or [SOC406H5](#) or [SOC410H5](#) or [SOC411H5](#) or [SOC412H5](#) or [SOC413H5](#) or [SOC414H5](#) or [SOC415H5](#) or [SOC416H5](#) or [SOC417H5](#) or [SOC418H5](#) or [SOC419H5](#) or [SOC420H5](#) or [SOC421H5](#) or [SOC423H5](#) or [SOC440Y5](#) or [SOC450H5](#) or [SOC452H5](#) or [SOC456H5](#) or [SOC467H5](#) or [SOC480Y5](#) or [SOC485H5](#) or [SOC499H5](#) or [SOC499Y5](#)

**Rationale:**

Introduction of ISP100H5 to the program enrolment and completion requirements.

**Resource Implications:**

None.

## Study of University Pedagogy (UTM), Institute for the

### 2 Course Modifications:

ISP010H5: Basics of Writing in English (BoWiE)

**Mode of Delivery:**

**Previous:** In Class

**New:** In Class; Online

**Rationale:**

See OBD Proposal submission.

ISP100H5: Writing for University and Beyond

**Description:**

This course teaches writing- and reading-related skills that are necessary for success in the transition to university work. The course uses a 'Writing About Writing' approach to help students understand the writing process, with an emphasis on the concepts of discourse communities, genre, rhetoric, argument, and audience. Rather than focusing on discipline-specific writing skills, the course helps students develop transferable writing skills. ISP100H5 is delivered from the perspective that all writers can improve their writing, so that students with diverse writing skills will benefit by taking it. There is a required writing assessment in the first week of classes, and students must pass the threshold mark to

continue in the course. Those below the threshold ~~will be automatically enrolled~~ should enrol in ISP010H5, Basics of Writing in English.

**Rationale:**

Students are no longer automatically enrolled in ISP010 if they do not pass the Writing Check-In assessment. This change is a reflection of the online by design proposal that has been submitted for ISP010 and contributes to a larger re-design of the course. Students can now self-enrol in ISP010 at any time throughout the course enrolment period if they identify that they would benefit from extra support prior to enrolling in ISP100. If a student successfully completes ISP010, they will be able to continue in ISP100 regardless of the outcome on the Writing Check-In assessment.



