



**FOR APPROVAL**

**PUBLIC**

**OPEN SESSION**

**TO:** Academic Affairs Committee

**SPONSOR:** Amrita Daniere, Vice-Principal Academic and Dean  
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**PRESENTER:** See Sponsor.  
**CONTACT INFO:**

**DATE:** November 16, 2016 for November 23, 2016

**AGENDA ITEM:** 4

**ITEM IDENTIFICATION:**

Minor Undergraduate Curriculum changes: Humanities, Sciences and Social Sciences

**JURISDICTIONAL INFORMATION:**

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

**GOVERNANCE PATH:**

- 1. Academic Affairs Committee [For Approval] (November 23, 2016)**

**PREVIOUS ACTION TAKEN:**

Minor undergraduate curriculum changes in the Humanities, Sciences and Social Sciences for the 2016-17 academic year were approved by the Academic Affairs Committee on November 18, 2015.

**HIGHLIGHTS:**

The Curriculum Reports are comprised of Major and Minor curriculum changes. In the context of the University of Toronto Quality Assurance Process (UTQAP), Major changes involve new programs (Freestanding Minors, Majors, and Specialists), closure of programs, major modifications to existing programs, the creation of transcript notations, and certificates. The remainder of the curricular changes are intended to have significant positive impact on a cumulative basis, but are considered to be Minor changes in the context of the UTQAP. The reports will identify the calendar copy information for Major changes, such as new and/ or deleted programs, as well as any changes stemming from major modifications to existing programs, that have been approved by AAC to date.

The three curriculum reports are divided into different sections based on various types of changes and the changes are clearly indicated by different coloured text in both the “before” and “after” sections.

The Decanal Divisional Curriculum Committees (Humanities, Social Sciences, and Sciences) met in September and October of 2016 to discuss and review the Minor Undergraduate Curriculum changes. These curriculum committees consist of the Chairs, Associate Chairs or Chair’s designates of each UTM Department and Institute.

Across all three divisions, the Office of Student Transition introduced 3 new interdisciplinary utmONE courses. The 3 new 100-level courses will fall into rotation with the existing utmONE courses as instructor and teaching staff availability changes. Of the three courses, two are assigned a distribution as Humanities and Social Sciences while the third is designated as Social Science and Science. As a part of these three new courses, in addition to 6 other utmONE courses, students will participate in a series of tutorials that will introduce them to essential elements of a holistic student experience (such as career exploration, health and wellness, and co-curricular engagement).

UTM Abroad courses are developed by Departments, taught by UTM faculty, and are linked to the International Education Centre who facilitate the UTM Abroad program. In consultation with the Office of the Dean, language for course descriptions was developed and added to the description statement of courses that will offer this experience. The following text will be added to those 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.”

### **Humanities Divisional Curriculum Committee**

In the Humanities Divisional Curriculum Committee report, 22 minor program changes were made, including the addition and deletion of course requirements to reflect current course offerings in the Departments, to add flexibility to course options, and to add further clarity to program requirements for students. Description changes were made to a number of courses to provide a more accurate description of course content and goals for the students. Additionally, pre-requisites, co-requisites, and exclusions for existing courses were updated to reflect current courses offerings and curriculum. Lastly, updates were made to the list of cross-listed courses.

There are also a number of new courses (44 half-courses; 1 full-year course) being introduced along with several minor course changes including course description changes; changes in course name; and changes to exclusions, recommendations, pre-requisites, and other house-keeping changes. The new courses are being proposed to respond to re-organization within Departments and Institutes, the interests and strengths of new faculty hires, and the need to provide units with more flexibility in determining course offerings based on teaching availability of faculty. More specifically, English and Drama, French, and Philosophy have divided full-year courses into half-credit courses for added program, timetabling, and teaching assignment flexibility. These changes also enrich program requirements and allow more choices for students and better opportunity to study the subject matter in-depth. Two programs in the Department of Language Studies have been approved to be administratively suspended: Minor in Francophone Studies and

the Specialist in French and Italian. This suspension was also suggested by reviewers of the Department's external review in February 2016.

### **Sciences Divisional Curriculum Committee**

Notable changes from the Sciences Divisional Curriculum Committee report include 41 minor program changes (including the addition and deletion of course requirements), the addition of 15 half courses and 4 full course; along with several general course changes (e.g., course description changes, pre-requisite and co-requisite updates, etc.).

Some of the new courses proposed include a new 100-level Mathematics course aimed at strong students who intend to pursue further courses in mathematics, two new calculus-based first year Physics courses also aimed at strong students who intend to pursue further courses in physics. Across all Departments, the 19 new courses will increase course options for students. They also reflect the expertise and interests of new faculty hires as well as new areas of study proposed by existing faculty.

The Astronomy major program in the Department of Chemical and Physical Sciences, has increased the program requirements from 8.5 credits to 9.0 credits by adding the required course PHY242H5 (Thermal Physics and Fluid Mechanics) in the second year. The Astronomy major has always been a 9.0 credit program and this change is to correct an error previously of not listing the pre-requisite.

General course changes and updates were made to ensure accuracy of course content and expectations for students.

### **Social Sciences Divisional Curriculum Committee**

The report from the Social Sciences Divisional Curriculum Committee proposes minor changes that affect 27 programs: two minor programs, seven major programs, and eighteen specialist programs. The most noteworthy changes pertain to the Management minor and specialist programs, where starting from 2019, students applying to these programs will be required to have completed the math course MAT133. The Sociology Department will now explicitly state that upon entering their programs, students will need to be enrolled in two specified Sociology courses in order to ensure that students meet the program requirements.

Other program changes involved updates to course requirements, such as that for Economics, now adding that a 63% is required for MAT133 in its Economics and Political Science Specialist program in order to clarify the requirements for the program. All Departments updated their programs to reflect current course offerings, enhance the appeal of the program, and to provide students with a competitive advantage relative to other similar programs.

While only 2.5 full course equivalents were deleted within the Social Sciences, 37 new half courses and 3 full courses will be introduced. Of note, Anthropology is proposing 4 new half courses that will provide students with the opportunity for experiential involvement. Management is proposing 8 new half courses, the majority of which will be part of the proposed

new Business Minor program, and Sociology is proposing 9 new half courses that will broaden the Department's course offerings in several areas, such as criminal justice organizations, the sociology of disasters, and gender studies. In combination across all units, these new courses will significantly increase course options for students. They also reflect the expertise and interests of new faculty hires as well as new areas of study proposed by existing faculty.

Beyond this, several courses saw changes to their course descriptions; pre-requisites, co-requisites, exclusions; along with other house-keeping changes. The majority of these changes come from Sociology, as a result of their curriculum review and mapping. Lastly, the Interactive Digital Media Specialist program has been approved to be administratively suspended.

Resource implications for various course changes and new course additions across all units were noted in the curriculum reports and were reviewed, discussed, and approved by the Office of the Dean. New courses that do not require resources will be taught by existing or new faculty. All library resources have been discussed and approved by the Hazel McCallion Academic Learning Centre (HMALC).

#### **FINANCIAL IMPLICATIONS:**

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

#### **RECOMMENDATION:**

Be It Resolved,

THAT the proposed Humanities undergraduate curriculum changes for the 2017-18 academic year, as detailed in the respective curriculum reports, be approved.

Be It Resolved,

THAT the proposed Sciences undergraduate curriculum changes for the 2017-18 academic year, as detailed in the respective curriculum reports, be approved.

Be It Resolved,

THAT the proposed Social Sciences undergraduate curriculum changes for the 2017-18 academic year, as detailed in the respective curriculum reports, be approved.

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#### **DOCUMENTATION PROVIDED:**

AAC 2016 11 23 Humanities Curriculum Committee Report  
AAC 2016 11 23 Humanities Minor Undergraduate Curriculum Changes

AAC 2016 11 23 Sciences Curriculum Committee Report

AAC 2016 11 23 Sciences Minor Undergraduate Curriculum Changes

AAC 2016 11 23 Social Sciences Curriculum Committee Report

AAC 2016 11 23 Social Sciences Minor Undergraduate Curriculum Changes



# University of Toronto Mississauga Divisional Curriculum Committee Report Template

*This template should be used to bring forward a summary of all curriculum changes and findings to the Senior Assessor. It is designed to ensure that all necessary information is provided to the Senior Assessor for the provision of a comprehensive report to the Academic Affairs Committee.*

<b>Divisional Curriculum Committee:</b>	Humanities
<b>Members:</b>	<b>Professor Joan Simalchik, Chair</b> Professor Boris Chrubasik, Department of Historical Studies Professor Emmanuel Nikiema, Department of Language Studies Professor Diana Raffman, Department of Philosophy Professor Alison Syme, Department of Visual Studies Professor Anthony Wensley, Institute of Communication, Culture, Information and Technology Professor Daniel White, Department of English and Drama
<b>Dates of Divisional Curriculum Committee Meetings:</b>	Wednesday, September 21, 2016 Thursday, September 29, 2016
<b>Return to: Program and Curriculum Officer</b>	<b>Anuar Rodrigues</b> Research Analyst Office of the Dean, UTM <a href="mailto:anuar.rodrigues@utoronto.ca">anuar.rodrigues@utoronto.ca</a>

*Please remove the instructions as you complete the template in order to provide a final copy that is easier for your audience to read.*

# 1. Overview

- *Please provide a summary overview, with examples, of what was proposed at the Divisional Curriculum Committee meetings. This should include:*
  - *A clear statement of the significant changes or themes / a description of the items that were being proposed (ie. the addition or deletion of courses) and if there are resource implications*
  - *Any information about the sections of the Curriculum Report that received a large amount of discussion at the Divisional Curriculum Committee level*

Full courses were divided in half in order to provide students with program flexibility and better ability to fulfill program requirements (ENG, FRE, PHIL). These were presented as the result of thoughtful comprehensive discussions within each program/department. The division of full courses into half course strengthens and enriches program requirements and allows more choice for students and better opportunity to study subject matter in-depth.

Courses were deleted for the following reasons: courses no longer fit into the current program requirements; were no longer coherent in the current curriculum; lack of student/faculty interest.

Addition of international designation in pilot study abroad project (WGS, VCC).

Resource implications:

- Library personnel were consulted with regard to material (Films, CD, DVD, books, computers) needed for instruction (CIN, HIS, RLG, SPA)
- TA funding approved by the Dean's Office for new courses.

Meeting discussions:

- Colleagues expressed their opinions in a collegial manner and made constructive suggestions, often based on their program's experience.
- utmONE proposals continued to attract scrutiny from colleagues as most often these courses cross divisional disciplines. Again, as in last year, consultations between potential stakeholders are strongly recommended before courses are submitted to the Divisional Curriculum Committee and a clearer distinction between divisional designations for courses made.

## 2. Rationale

- *Discuss how the proposed changes coincide with the Academic Plan*
- *With specific reference to the impact on need and demand, identify any distinctive/innovative aspects of the proposed items and indicate what the future outcome of these changes would be (ie. the intention to create a new program)*

Proposed international courses (WGS, VCC) coincide with experiential learning emphasis.

Innovative courses will enhance program pedagogical practices: e.g. ITA103H5 What TO Wear: Italian Fashion, from the Theatre to the Runway; PHL204H5 Philosophy in Everyday Life; PHL221H5 Philosophy at the Movies; RLG301H5 Fetish, Totem, Idol: Theorizing Material Religion; ENG276H5 Fanfiction; 381H5 Digital Texts; FAH498H5 Topics in Curatorial Studies

HIS462H5 Indigenous North America; HIS315H5 Indigenous Peoples and Immigrants in Canada; WGS347H5 Indigenous Feminisms and Decolonization correspond to university commitment to take up the recommendations of the Truth and Reconciliation Committee.

## 3. Summary of Change Categories

- *Complete the following table with the number of proposed changes in each category:*

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Cinema Studies	0	1	0	0	0	0
Classics	0	0	2	0	0	4
ICCIT	0	0	0	0	1	2
Diaspora and Transnational Studies	0	0	0	0	0	0
Drama	0	0	0	0	0	0
Education Studies	0	0	0	0	0	0



English	4	0	1	16	7	44
Erindale Courses	0	0	0	0	0	0
Fine Art History (FAH)	0	0	0	1	1	11
Fine Art Studio (FAS)	0	0	0	0	3	3
French	0	0	0	0	2	33
History	0	0	0	5	0	6
History of Religion	0	0	0	5	0	6
Italian	0	0	0	1	1	1
Language Studies	1	0	0	4	0	1
Linguistics	0	0	0	3	1	0
Philosophy	0	0	0	6	4	50
Student Development and Tradition	0	0	0	2	0	2
Visual Culture and Communication	0	0	0	0	0	2
Women and Gender Studies	0	0	0	1	1	9

## 4. Cumulative Glance

- *Provide a cumulative list of the proposed curriculum changes (ie. How many total half-credit courses added/removed in the Division, how total many full-credit courses added/removed in the Division etc.)*

No. of full courses deleted – 5

No. of full courses added - 1

No. of half courses deleted - 3

No. of half courses added – 42 + 2 (utmONE) = 44

No. of full courses changed - 20

No. of half courses changed - 190

## 5. Major Changes

- *If applicable, indicate the Major curriculum changes that were proposed at the Divisional Curriculum Committee meetings*

No Major Changes, no programs deleted or added.

Updating list of courses and cross-listed courses, course descriptions, clarifying and underlining program requirements were minor changes.

# Humanities

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# SUMMARY OF COURSE CHANGES

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Cinema Studies	0	1	0	0	0	0
Classics	0	0	2	0	0	4
Communication, Culture, Information and Technology	0	0	0	0	1	2
Diaspora and Transnational Studies	0	0	0	0	0	0
Drama	0	0	0	0	0	0
Education Studies	0	0	0	0	0	0
English	4	0	1	16	7	44
Erindale Courses	0	0	0	0	0	0
Fine Art History (FAH)	0	0	0	1	1	11
Fine Art Studio (FAS)	0	0	0	0	3	3
French	0	0	0	0	2	33
History	0	0	0	5	0	6
History of Religions	0	0	0	5	0	12
Italian	0	0	0	1	1	1
Language Studies	1	0	0	4	0	1
Linguistics	0	0	0	3	0	10
Philosophy	0	0	0	6	4	50
Student Development and Transition	0	0	0	2	0	2
Visual Culture and Communication	0	0	0	0	0	2
Women and Gender Studies	0	0	0	1	1	9

# New Programs

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NONE

# Programs - Resource Implications

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## **Program #1 ERMAJ0231 Philosophy (Arts)**

Resource implications: None.

## **Program #2 ERMAJ0714 Art and Art History (Arts)**

Resource implications: No resource implications

## **Program #3 ERMAJ0728 Canadian Studies (Arts)**

Resource implications: None.

## **Program #4 ERMAJ1295 French Studies (Arts)**

Resource implications: None.

## **Program #5 ERMAJ1645 English (Arts)**

Resource implications: None.

## **Program #6 ERMAJ2524 Italian (Arts)**

Resource implications: None.

## **Program #7 ERMIN0231 Philosophy (Arts)**

Resource implications: None.

## **Program #8 ERMIN0728 Canadian Studies (Arts)**

Resource implications: None.

## **Program #9 ERMIN1054 Francophone Studies (Arts)**

Resource implications: None.

## **Program #10 ERMIN1618 Ethics, Law and Society**

Resource implications: None

## **Program #11 ERSPE0231 Philosophy (Arts)**

Resource implications: None

## **Program #12 ERSPE0714 Art and Art History (Arts)**

Resource implications: No resource implications.

## **Program #13 ERSPE0815 French and Italian (Arts)**

Resource implications: None.

## **Program #14 ERSPE1384 International Affairs (Arts)**

Resource implications: Not applicable.

## **Program #15 ERSPE2524 Italian (Arts)**

Resource implications: None.



# Deleted Programs

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NONE

# Programs - Other Changes

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## Program #1 ERMAJ0231 Philosophy (Arts)

- Rationale for change:** The CCT courses have been removed from all PHL programs. They are no longer applicable to our programs as these courses are no longer taught by PHL faculty members.
- Before:** Students must complete a program of 7.0 credits in Philosophy, at least 3.0 of which must be at the 300/400 level. The program must include:
- at least 2.5 credits in the History of Philosophy: PHL202H5, 210Y5 and 1.0 additional credit from PHL220H5, 300H5, 307H5, 313H5, 314H5, 315H5, 324H5, 325H5, 327H5, 400H5, 416H5, 420H5;
  - at least 0.5 credits in Logic: PHL245H5;
  - at least 1.0 credits in Metaphysics and Epistemology: from PHL240H5, 258H5, 332H5, 333H5, 340H5, 341H5, 342H5, 350H5, 355H5, 358H5, 360H5, **430H5, CCT314H5, 415H5;**
  - at least 1.0 credits in Ethics and Political Philosophy: PHL277Y5 or PHL275H5 and one of PHL265H5 or PHL274H5 It is strongly recommended: that students begin their study of Philosophy with PHL105Y5; and that students planning to enrol in the Major Program in Philosophy complete at least 2.0 credits of PHL202H5, 210Y5, 245H5 and 277Y5 or (265H5 and 275H5) by the end of their second year.
- After:** Students must complete a program of 7.0 credits in Philosophy, at least 3.0 of which must be at the 300/400 level. The program must include:
- at least 2.5 credits in the History of Philosophy: PHL202H5, 210Y5 and 1.0 additional credit from PHL220H5, 300H5, 307H5, 313H5, 314H5, 315H5, 324H5, 325H5, 327H5, 400H5, 416H5, 420H5;
  - at least 0.5 credits in Logic: PHL245H5;
  - at least 1.0 credits in Metaphysics and Epistemology: from PHL240H5, 258H5, 332H5, 333H5, 340H5, 341H5, 342H5, 350H5, 355H5, 358H5, 360H5, **430H5**
  - at least 1.0 credits in Ethics and Political Philosophy: PHL277Y5 or PHL275H5 and one of PHL265H5 or PHL274H5 It is strongly recommended: that students begin their study of Philosophy with PHL105Y5; and that students planning to enrol in the Major Program in Philosophy complete at least 2.0 credits of PHL202H5, 210Y5, 245H5 and 277Y5 or (265H5 and 275H5) by the end of their second year.
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## Program #2 ERMAJ0714 Art and Art History (Arts)

- Rationale for change:** Encouraging our students to take DVS courses in studio rather than CCT courses which are already overloaded. DVS students no longer have priority access to CCT courses as of 2013-14.
- Before:** At least 8.0 credits are required of which at least 4.0 in FAS (**or selected CCT courses offered from Sheridan**) and 4.0 in FAH/VCC/VST courses offered at U of T Mississauga. For the list of **CCT and** VCC courses that satisfy Art and Art History requirements, see the departmental website. Required courses are as follows: FAS143H5, FAS145H5, FAS147H5, FAS232H5\*, FAS236H5\*, FAS248H5\*, and FAH101H5. A minimum of 2.0 300/400-level credits in FAH/VCC/VST or FAS or a combination of the two must be included. 2.0 credits at the 200-level in FAH must be taken at U of T Mississauga (see Note 1 for the St. George exception allowed and Note 2 for required area distribution). See Notes below for distribution details. Students enrolled before Fall 2003 should consult the undergraduate counsellor about completion of their program.
- After:** At least 8.0 credits are required of which at least 4.0 in FAS and 4.0 in FAH/VCC/VST courses offered at U of T Mississauga. For the list of VCC courses that satisfy Art and Art History requirements, see the departmental website. Required courses are as follows: FAS143H5, FAS145H5, FAS147H5, FAS232H5\*, FAS236H5\*, FAS248H5\*, and FAH101H5. A minimum of 2.0 300/400-level credits in FAH/VCC/VST or FAS or a combination of the two must be included. 2.0 credits at the 200-level in FAH must be taken at U of T Mississauga (see Note 1 for the St. George exception allowed and Note 2 for required area distribution). See Notes below for distribution details. Students enrolled before Fall 2003 should consult the undergraduate counsellor about completion of their program.
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## Program #3 ERMAJ0728 Canadian Studies (Arts)

- Rationale for change:** Updating list of courses approved for the Canadian Studies Major and Minor programs.
- Before:** 7.0 credits are required, fulfilling the following requirements: 1. ~~HIS263Y5 (The History of Canada) or BOTH HIS261H5 (Introduction to Canadian History) and HIS358H5 (Canada Since World War Two);~~ POL214Y5 (Canadian Government and Politics); ENG252Y5 (Canadian Literature) or ENG353Y5 (Canadian Fiction) or ENG354Y5 (Canadian Poetry); GGR202H5 (Geography of Canada) and 2. 3.5 additional credits (at least 2.0 of which must be at the 300/400 level) in courses chosen from the list below or approved by the program advisor. The following U of T Mississauga courses can be taken to complete the requirements for a Major in Canadian ~~Studies.~~

**Note: ~~Some of the courses listed may have prerequisites and not all are offered every year.~~**

- ANT241Y5 Aboriginal Peoples of North America
- CIN205H5 Canadian Auteurs
- DRE200H5 Canadian Theatre History
- ECO323Y5 Canadian Economic History
- ENG215H5 The Canadian Short Story
- ENG271H5 Diasporic Literatures of Toronto
- ENG274H5 Native North American Literature
- ENG352H5 Canadian Drama
- ENG357H5 New Writing in Canada
- ENG358H5 Topics in Canadian Literature
- ~~ENG424H5/425H5/426H5~~ Advanced Studies: Canadian and Indigenous North American Literatures
- FAH292H5 Canadian Art
- FRE312H5 ~~Quebec Novel II: The Quiet Revolution~~
- ~~FRE316H5~~ From ~~Land to Town: Quebec Culture and Literature from its Beginning to 1959~~
- FRE417H5 Comedy and Tragedy in ~~Québec~~ Theatre
- ~~FRE419H5 The Art of Short and Tall Story Telling in Québec: A study of Short Forms of Fiction and Modern Fantasy~~
- ~~FRE474H5~~ Canadian French
- HIS263Y5 The History of Canada
- HIS312H5 Canadian Communities 1600-2000
- HIS313H5 Canadian Working-Class History to 1919
- HIS314H5 20th Century Canadian Working-Class History
- HIS318H5 Canadian Environmental History: Contact to Conservation
- HIS319H5 Canadian Environmental History: Conservation to the Modern Environmental Movement
- HIS326Y5 History of Women in Canada, 1600-2000
- HIS367H5 Diasporic Canada
- HIS368H5 Canada in the First World War
- HIS402H5 Topics in the History of French Canada
- HIS416H5 Canada and the Second World War
- HIS452H5 The Great Depression in Canada
- HIS461H5 History of Upper Canada
- HIS487H5 Canadian Social History
- ~~ITA255Y5~~ The Italian Canadian Experience
- ~~JPE250Y5 Environmental Politics in Canada~~
- MGT429H5 Canadian Income Taxation
- POL111H5 Canada in Comparative Perspective
- POL316Y5 Contemporary Canadian Federalism
- POL336Y5 Ontario Politics
- POL353Y5 Canadian Public Policy: From the Golden Age to the Era of Globalization
- POL490H5 Topics in Canadian Politics
- POL494Y5 Topics in Canadian Politics
- ~~SOC371H5 Crime and Delinquency~~
- WGS210H5 Women and Work in Contemporary Canada

**After:**

7.0 credits are required, fulfilling the following requirements: 1. HIS261H5 (Introduction to Canadian History) and HIS358H5 (Canada Since World War Two); POL214Y5 (Canadian Government and Politics); ENG252Y5 (Canadian Literature) or ENG353Y5 (Canadian Fiction) or ENG354Y5 (Canadian Poetry); GGR202H5 (Geography of Canada) and 2. 3.5 additional credits (at least 2.0 of which must be at the 300/400 level) in courses chosen from the list below or approved by the program advisor. The following U of T Mississauga courses can be taken to complete the requirements for a Major in Canadian Studies.

- ANT241Y5 Aboriginal Peoples of North America
- CIN205H5 Canadian Auteurs
- DRE200H5 Canadian Theatre History
- ECO323Y5 Canadian Economic History
- ENG215H5 The Canadian Short Story
- ENG271H5 Diasporic Literatures of Toronto
- ENG274H5 Native North American Literature
- ENG352H5 Canadian Drama
- ENG357H5 New Writing in Canada
- ENG358H5 Topics in Canadian Literature
- ENG424H5 Advanced Studies: Canadian and Indigenous North American Literatures
- ENG425H5 Advanced Studies: Canadian and Indigenous North American Literatures
- ENG426H5 Advanced Studies: Canadian and Indigenous North American Literatures
- FAH292H5 Canadian Art
- FRE312H5 From the Gothic and Fantastic Novels to Realism in Quebec
- FRE316H5 Urban Attraction and the Quebec Contemporary Novel
- FRE417H5 Comedy and Tragedy in Quebec Theatre

- **FRE474H5 Teaching and Learning Varieties** of Canadian French
- **GGR348H5 The Great Lakes – A Sustainable Natural Resource?**
- **GGR384H5 Climatology of Canadian Landscapes**
- HIS263Y5 The History of Canada
- **HIS311H5 Introduction to Canadian International Relations**
- HIS312H5 Canadian Communities 1600-2000
- HIS313H5 Canadian Working-Class History to 1919
- HIS314H5 20th Century Canadian Working-Class History
- HIS318H5 Canadian Environmental History: Contact to Conservation
- HIS319H5 Canadian Environmental History: Conservation to the Modern Environmental Movement
- HIS326Y5 History of Women in Canada, 1600-2000
- HIS367H5 Diasporic Canada
- HIS368H5 Canada in the First World War
- **HIS369H5 Great Lakes Aboriginal History**
- HIS402H5 Topics in the History of French Canada
- HIS416H5 Canada and the Second World War
- **HIS351H5 Indigenous Peoples and Immigrants in Canada**
- HIS452H5 The Great Depression in Canada
- HIS461H5 History of Upper Canada
- **HIS462H5 Indigenous North America**
- HIS487H5 Canadian Social History
- **ITA255H5 The Italian Canadian Experience**
- MGT429H5 Canadian Income Taxation
- POL111H5 Canada in Comparative Perspective
- **POL250Y5 Environmental Politics in Canada**
- POL316Y5 Contemporary Canadian Federalism
- POL336Y5 Ontario Politics
- POL353Y5 Canadian Public Policy: From the Golden Age to the Era of Globalization
- POL490H5 Topics in Canadian Politics
- POL494Y5 Topics in Canadian Politics
- **SOC301H5 Canadian Prisons**
- **SOC313H5 Crime in Canadian Society**
- WGS210H5 Women and Work in Contemporary Canada
- **WGS 347H5 Indigenous Feminisms and Decolonization**

#### Program #4 ERMAJ1295 French Studies (Arts)

- Rationale for change:** As the description of FRE372 and 373 courses indicates the course content touches upon history, historical linguistics, socio-linguistics and French literature, these courses provide very useful background for students of French literature and culture and this should be reflected in the way they can be counted in programs. Also included courses which were missing, FRE340 and FRE370, which should also be included.
- Before:** Course Categories:  
 - French Linguistics: FRE325H5, 355H5, 372H5, 373H5, 376H5, 378H5, 387H5, 474H5, 476H5, 489H5  
 - French Literary and Cultural Studies : FRE312H5, 316H5, 317H5, 319H5, 320H5, 356H5, 357H5, 363H5, 364H5, 365H5, 367H5, 368H5, 369H5, 391H5, 393H5, 397H5, 445H5, 446H5, 482H5  
 - Teaching & Learning: LTL380H5, 417H5, 456H5, 486H5, 488H5; FRE325H5, 345H5, 352H5, 353H5, 355H5
- After:** Course Categories:  
 - French Linguistics: FRE325H5, 355H5, 372H5, 373H5, 376H5, 378H5, 387H5, 474H5, 476H5, 489H5  
 - French Literary and Cultural Studies : FRE312H5, 316H5, 317H5, 319H5, 320H5, **340H5**, 356H5, 357H5, 363H5, 364H5, 365H5, 367H5, 368H5, 369H5, **370H5, 372H5, 373H5**, 391H5, 393H5, 397H5, 445H5, 446H5, 482H5  
 - Teaching & Learning: LTL380H5, 417H5, 456H5, 486H5, 488H5; FRE325H5, 345H5, 352H5, 353H5, 355H5

#### Program #5 ERMAJ1443 Women and Gender Studies (Arts)

- Rationale for change:** Updating the list of acceptable courses to fulfill the program requirements.
- Before:** Higher Years  
 - WGS200Y5  
 - 2.0 WGS credits at the 300/400 level  
 - 0.5 WGS credits at the 400 level  
 - 3.5 credits from any WGS courses or the following list of electives:  
 ANT211H5, ANT331H5, ANT335H5; CCT340H5; CLA319H5; FAH435H5; FRE391H5; GGR313H5;

HIS308H5, HIS310H5, HIS314H5, HIS326Y5, HIS374H5, HIS386H5, HIS441H5, HIS454H5; JAL355H5; PHL243H5, PHL267H5, PHL367H5; POL368Y5; PSY311H5, PSY354H5; RLG314H5, RLG449H5, RLG462H5; SOC216H5, SOC263H5, SOC275H5, SOC332H5, SOC359H5, SOC362H5, SOC380H5, SOC413H5, SOC425H5; VCC304H5.

**After:**

Higher Years

- WGS200Y5

- 2.0 WGS credits at the 300/400 level

- 0.5 WGS credits at the 400 level

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

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

**ENG307H5;** FAH435H5; FRE391H5; GGR313H5; HIS308H5, HIS310H5, HIS314H5, HIS326Y5, HIS374H5, HIS386H5, HIS441H5, HIS454H5; JAL355H5; PHL243H5, PHL267H5, PHL367H5; POL368Y5; PSY311H5, PSY354H5; RLG314H5, RLG449H5, RLG462H5; SOC216H5, SOC263H5, SOC275H5, SOC332H5, SOC359H5, SOC362H5, SOC380H5, SOC413H5, SOC425H5; VCC304H5.

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## Program #6 ERMAJ1645 English (Arts)

**Rationale for change:**

New English courses have been added.

**Before:**

At least 7.0 ENG credits, including at least 2.0 credits at the 300+ level. Only 1.0 ENG course at the 100 level may be counted toward program requirements. ENG100H may not be counted.

Majors are strongly encouraged to enrol in either ENG201Y5 or ENG202Y5 in their first year in the program.

Courses must fulfill the following requirements:

- ENG201Y5 or ENG202Y5

- At least .5 credit from Group 1 (Theory, Language, Methods)

- At least 1.0 credit from Group 2 (Canadian and Indigenous North American Literatures)

- At least 1.0 credit from Group 3 (American and Transnational Literatures)

- At least 2.0 credits from Group 4 (British Literature to the 19th Century)

- At least 1.0 credit from Group 5 (Literature since the 18th Century)

- Group 1: Theory, Language, Methods ENG201Y5, 205H5, 266H5, 280H5, 380H5, 382Y5, 384H5, 414H5, 415H5, 416H5

- Group 2: Canadian and Indigenous North American Literatures

ENG215H5, 252Y5, 271H5, 274H5, 352H5, 353Y5, 354Y5, 357H5, 358H5, 424H5, 425H5, 426H5

- Group 3: American and Transnational Literatures ENG250Y5, 270Y5, 272H5, 360H5, 363Y5, 364Y5, 365H5, 366H5, 370H5, 371H5, 434H5, 435H5, 436H5

- Group 4: British Literature to the 19th Century ENG202Y5, 220Y5, 300Y5, 302Y5, 303H5, 304Y5, 305H5, 306Y5, 307H5, 308Y5, 311H5, 312H5, 313H5, 314H5, 322Y5, 323H5, 330H5, 331H5, 335H5, 336H5, 337H5, 460H5, 461H5, 462H5, 463H5

- Group 5: Literature since the 18th Century ENG203Y5, 210Y5, 213H5, 214H5, 234H5, 235H5, 236H5,

237H5, 239H5, 259H5, 315H5, 316H5, 324Y5, 325H5, 328Y5, 329H5, 340H5, 341H5, 342H5, 347H5,

348Y5, 349H5, 470H5, 471H5, 472H5, 473H5 Note: The St. George Department of English offers additional courses in each group. For information consult the Faculty of Arts and Science Calendar at [www.artsci.utoronto.ca](http://www.artsci.utoronto.ca). Please also consult the U of T Mississauga Calendar for regulations about taking courses on the St. George campus. Exclusions listed for English courses in the Arts and Science Calendar apply also to U of T Mississauga English courses. If you have questions, contact the Undergraduate Advisor for the Department of English and Drama.

**After:**

At least 7.0 ENG credits, including at least 2.0 credits at the 300+ level. Only 1.0 ENG course at the 100 level may be counted toward program requirements. ENG100H may not be counted.

Majors are strongly encouraged to enrol in either ENG201Y5 or ENG202Y5 in their first year in the program.

Courses must fulfill the following requirements:

- ENG201Y5 or ENG202Y5

- At least .5 credit from Group 1 (Theory, Language, Methods)

- At least 1.0 credit from Group 2 (Canadian and Indigenous North American Literatures)

- At least 1.0 credit from Group 3 (American and Transnational Literatures)

- At least 2.0 credits from Group 4 (British Literature to the 19th Century)

- At least 1.0 credit from Group 5 (Literature since the 18th Century)

- Group 1: Theory, Language, Methods ENG201Y5, 205H5, **206H5,** 266H5, **269H5, 275H5,**

280H5, 380H5, **381H5,** 382Y5, 384H5, 414H5, 415H5, 416H5

- Group 2: Canadian and Indigenous North American Literatures

ENG215H5, 252Y5, 271H5, 274H5, 352H5, 353Y5, 354Y5, 357H5, 358H5, 424H5, 425H5, 426H5

- Group 3: American and Transnational Literatures ENG250Y5, 270Y5, 272H5, **273H5,** 360H5, 363Y5, 364Y5, 365H5, 366H5, 370H5, 371H5, 434H5, 435H5, 436H5

- Group 4: British Literature to the 19th Century ENG202Y5, 220Y5, 300Y5, **301H5**, 302Y5, 303H5, 304Y5, 305H5, 306Y5, 307H5, 308Y5, 311H5, 312H5, 313H5, 314H5, **320H5**, **321H5**, 322Y5, 323H5, 330H5, 331H5, 335H5, 336H5, 337H5, 460H5, 461H5, 462H5, 463H5

- Group 5: Literature since the 18th Century ENG203Y5, 210Y5, 213H5, 214H5, 234H5, 235H5, 236H5, 237H5, 239H5, 259H5, 315H5, 316H5, 324Y5, 325H5, 328Y5, 329H5, **333H5**, 340H5, 341H5, 342H5, **345H5**, 347H5, 348Y5, 349H5, **350H5**, 470H5, 471H5, 472H5, 473H5 Note: The St. George Department of English offers additional courses in each group. For information consult the Faculty of Arts and Science Calendar at [www.artsci.utoronto.ca](http://www.artsci.utoronto.ca). Please also consult the U of T Mississauga Calendar for regulations about taking courses on the St. George campus. Exclusions listed for English courses in the Arts and Science Calendar apply also to U of T Mississauga English courses. If you have questions, contact the Undergraduate Advisor for the Department of English and Drama.

## Program #7 ERMAJ1850 Linguistic Studies (Arts)

**Rationale for change:** JAL253H5, a less theoretically informed course, is not well-suited to our Major and Minor Linguistic Studies students and should thus not figure as a possible prerequisite. It is better suited to the students enrolled in the ELL minor program.

**Before:**

Upper Years

- Core requirement: LIN228H5, LIN229H5, LIN231H5/LIN247H5, LIN232H5,

**LIN256H5/JAL253H5/LIN258H5.**

- Language requirement: 1.0 credit in a language course. This credit should involve the same language and must be taken either concurrently with LIN101H5 and LIN102H5 (or LIN100Y5) or after their completion.

The language must be one other than the student's first language; English language courses are excluded.

- Upper Year requirements: 1.5 credits from the following (choose one course from three of the following categories):

- Language acquisition: LIN356H5/LIN358H5

- Teaching and Learning: LIN380H5/LIN417H5/LIN456H5/LIN474H5/LIN486H5

- Language contact and change: LIN360H5/ LIN366H5/ LIN376H5/LIN460H5/LIN476H5

- Linguistic theory: LIN331H5/LIN322H5/LIN406H5

- The remaining 2.0 credits to be chosen from those courses not yet taken from the list above, or from the following list: ALL 300/400 level LIN courses, FRE474H5, FRE489H5, ITA437Y5, JAL353H5, JAL355H5, LTL488H5, PSY315H5, PSY374H5, PSY376H5, PHL350H5, PHL451H5, ANT362H5, ANT358H5.

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

**After:**

Upper Years

- Core requirement: LIN228H5, LIN229H5, LIN231H5/LIN247H5, LIN232H5,

**LIN256H5/LIN258H5.**

- Language requirement: 1.0 credit in a language course. This credit should involve the same language and must be taken either concurrently with LIN101H5 and LIN102H5 (or LIN100Y5) or after their completion.

The language must be one other than the student's first language; English language courses are excluded.

- Upper Year requirements: 1.5 credits from the following (choose one course from three of the following categories):

- Language acquisition: LIN356H5/LIN358H5

- Teaching and Learning: LIN380H5/LIN417H5/LIN456H5/LIN474H5/LIN486H5

- Language contact and change: LIN360H5/ LIN366H5/ LIN376H5/LIN460H5/LIN476H5

- Linguistic theory: LIN331H5/LIN322H5/LIN406H5

- The remaining 2.0 credits to be chosen from those courses not yet taken from the list above, or from the following list: ALL 300/400 level LIN courses, FRE474H5, FRE489H5, ITA437Y5, JAL353H5, JAL355H5, LTL488H5, PSY315H5, PSY374H5, PSY376H5, PHL350H5, PHL451H5, ANT362H5, ANT358H5.

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

## Program #8 ERMAJ2524 Italian (Arts)

**Rationale for change:** Provided clarification and included mention of experiential education.

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

- ITA100Y5/101Y5. Students exempted from this course may replace it with a higher level 1.0 credit in ITA.

- ITA200Y5/ITA201Y5
- ITA350Y5
- ITA420Y5
- ITA437Y5
- 1.0 additional credits in Italian Cinema.
- 1.0 additional credits in Italian **Culture** and **Communication** and/or Italian Language Teaching (excluding those listed above).
- 1.0 additional credits Italian Literature (excluding those listed above).

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

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

### Program #9 ERMIN0231 Philosophy (Arts)

**Rationale for change:** The CCT courses have been removed from all PHL programs. They are no longer applicable to our programs as these courses are no longer taught by PHL faculty members.

**Before:** 4.0 credits in PHL **or CCT314H5, 315H5, 415H5** are required, including at least 1.0 at the 300/400 level.

**After:** 4.0 credits in PHL are required, including at least 1.0 at the 300/400 level.

### Program #10 ERMIN0506 Linguistic Studies (Arts)

**Rationale for change:** JAL253H5, a less theoretically informed course, is not well-suited to our Major and Minor Linguistic Studies students and should thus not figure as a possible prerequisite. It is better suited to the students enrolled in the ELL minor program.

**Before:**

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

- Minimum 1.0 credit from the following list: LIN228H5, LIN229H5, LIN231H5, LIN232H5, LIN247H5, **LIN256H5/JAL253H5**, LIN258H5.
- Minimum 1.0 credit from the following list: 1.0 credit from any 300 and 400 level LIN or JAL courses.
- 1.0 credit from any remaining courses listed in (1) or (2) or from the following list: FRE474H5, FRE489H5, ITA437Y5.

Note:

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

**After:**

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

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

Note:

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

### Program #11 ERMIN0605 Education Studies

**Rationale for change:** Included PSY313H5 to the remaining course options as course content is relevant to Education Studies and provides students with increased course options to complete the program.



**Before:**

Third and Fourth Years  
 - EDS300H5, EDS310H5  
 - 0.5 or 1.0 credits in experiential learning (for example, EDS388H5, EDS377H5) or internship courses in other subject areas as approved by the Education Studies Program Coordinator.  
 - 0.5 or 1.0 remaining credits from the following: FRE225Y5, 325H5, 345H5, 352H5, 353H5, 355H5, 382H5, 383H5; LIN358H5, 417H5, 456H5; LTL227H5, 380H5, 417H5, 456H5, 486H5, 488H5; MAT382H5, 392H5; PHL272H5; PSY310H5, 311H5, 312H5, 315H5, 341H5, 345H5, 410H5, 442Y5; SOC224H5, 480Y5; or additional appropriate courses as approved by the Education Studies Minor Coordinator.

**After:**

Third and Fourth Years  
 - EDS300H5, EDS310H5  
 - 0.5 or 1.0 credits in experiential learning (for example, EDS388H5, EDS377H5) or internship courses in other subject areas as approved by the Education Studies Program Coordinator.  
 - 0.5 or 1.0 remaining credits from the following: FRE225Y5, 325H5, 345H5, 352H5, 353H5, 355H5, 382H5, 383H5; LIN358H5, 417H5, 456H5; LTL227H5, 380H5, 417H5, 456H5, 486H5, 488H5; MAT382H5, 392H5; PHL272H5; PSY310H5, 311H5, 312H5, **313H5**, 315H5, 341H5, 345H5, 410H5, 442Y5; SOC224H5, 480Y5; or additional appropriate courses as approved by the Education Studies Minor Coordinator.

**Program #12 ERMIN0728 Canadian Studies (Arts)**

**Rationale for change:** Updating list of approved courses.

**Before:** 4.0 credits are required, fulfilling the following **requirements: 1.** 2.0 credits from the following list: **HIS263Y (The History of Canada) and** HIS261H5 (Introduction to Canadian History) and **HIS358H5** (Canada Since World War Two); POL214Y5 (Canadian Government and Politics); ENG252Y5 (Canadian Literature) or ENG353Y5 (Canadian Fiction) or ENG354Y5 (Canadian Poetry); GGR202H5 (Geography of Canada) and **2.** 2.0 additional credits (at least 1.0 of which must be at the 300/400 level) in courses chosen from the list above or approved by the program advisor.

**After:** **Minor Program in Canadian Studies** 4.0 credits are required, fulfilling the following **requirements:**

- 2.0 credits from the following list: HIS261H5 (Introduction to Canadian History) and **HIS358H5** (Canada Since World War Two); POL214Y5 (Canadian Government and Politics); ENG252Y5 (Canadian Literature) or ENG353Y5 (Canadian Fiction) or ENG354Y5 (Canadian Poetry); GGR202H5 (Geography of Canada) and
- 2.0 additional credits (at least 1.0 of which must be at the 300/400 level) in courses chosen from the list above or approved by the program advisor.

**Program #13 ERMIN0797 Cinema Studies (Arts)**

**Rationale for change:** Agreed to add PHL221H5 to program as an electives.

**Before:** Higher Years 3.0 credits from the following: CIN203H5, CIN204H5, CIN205H5, CIN207H5, CIN215H5, CIN301H5, CIN303H5, CIN304H5, CIN306H5, CIN307H5, CIN401H5, CIN402H5, VCC205H5, VST410H5, GER353H5, **GER354H5.**

A maximum of 1.0 credit may be taken from: DRE350H5/352H5, FRE393H5, FRE397H5, ITA242H5, ITA243H5, ITA246H5, ITA247H5, ITA307H5, ITA309H5, ITA342H5, ITA343H5, SPA275H5

**After:**

Higher Years 3.0 credits from the following: CIN203H5, CIN204H5, CIN205H5, CIN207H5, CIN215H5, CIN301H5, CIN303H5, CIN304H5, CIN306H5, CIN307H5, CIN401H5, CIN402H5, VCC205H5, VST410H5, GER353H5, **GER354H5, PHL221H5**

A maximum of 1.0 credit may be taken from: DRE350H5/352H5, FRE393H5, FRE397H5, ITA242H5, ITA243H5, ITA246H5, ITA247H5, ITA307H5, ITA309H5, ITA342H5, ITA343H5, SPA275H5



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## Program #14 ERMIN1054 Francophone Studies (Arts)

- Rationale for change:** This program has been phased out as a result of declining program enrollment and departmental self-study recommendations. The department no longer offers FRC courses in this minor.
- Before:** 2.0 FSL credits plus 2.0 FRC credits including 1.0 at the 300 level.
- After:** **Admissions to the Francophone Minor Program (ERMIN1054) is administratively suspended, and as of 2017-2018, it is no longer offered. Students currently enrolled in the program will be allowed to continue.** 2.0 FSL credits plus 2.0 FRC credits including 1.0 at the 300 level.
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## Program #15 ERMIN1200 English Language Linguistics (Arts)

- Rationale for change:** Small adjustment to program requirements (the course selection of upper year courses) to reflect the new course proposals and the proposed omission of JAL353H5.
- Before:**
- Upper Years
- 1.5 credits: LIN203H5, LIN228H5, LIN256H5/JAL253H5/LIN258H5
  - 1.0 credit at the 300 or 400 level to be selected from the following list: LIN310H5, LIN311H5, LIN335H5, **JAL353H5**, JAL355H5, LIN358H5, LIN410H5, LIN486H5.
- After:**
- Upper Years
- 1.5 credits: LIN203H5, LIN228H5, LIN256H5/JAL253H5/LIN258H5
  - 1.0 credit at the 300 or 400 level to be selected from the following list: LIN310H5, LIN311H5, LIN335H5, **LIN353H5**, JAL355H5, LIN358H5, LIN410H5, LIN486H5.
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## Program #16 ERMIN1443 Women and Gender Studies (Arts)

- Rationale for change:** Updating the list of acceptable courses to fulfill the program requirements.
- Before:**
- Higher Years
- WGS200Y5
  - 1.0 WGS credits at the 300/400 level
  - 2.0 credits from WGS courses or from the following list of electives:  
ANT211H5, ANT331H5, ANT335H5; CCT340H5, CLA319H5; FAH435H5; FRE391H5; GGR313H5;  
HIS308H5, HIS310H5, HIS314H5, HIS326Y5, HIS374H5, HIS386H5, HIS441H5, HIS454H5; JAL355H5;  
PHL243H5, PHL267H5, PHL367H5; POL368Y5; PSY311H5, PSY354H5; RLG314H5, RLG449H5,  
RLG462H5; SOC216H5, SOC263H5, SOC275H5, SOC332H5, SOC359H5, SOC362H5, SOC380H5,  
SOC413H5, SOC425H5; VCC304H5.
- After:**
- Higher Years
- WGS200Y5
  - 1.0 WGS credits at the 300/400 level
  - 2.0 credits from WGS courses or from the following list of electives:  
ANT211H5, ANT331H5, ANT335H5; CCT340H5, CLA319H5; **ENG273H5; ENG275H5;**  
**ENG307H5;** FAH435H5; FRE391H5; GGR313H5; HIS308H5, HIS310H5, HIS314H5, HIS326Y5,  
HIS374H5, HIS386H5, HIS441H5, HIS454H5; JAL355H5; PHL243H5, PHL267H5, PHL367H5; POL368Y5;  
PSY311H5, PSY354H5; RLG314H5, RLG449H5, RLG462H5; SOC216H5, SOC263H5, SOC275H5,  
SOC332H5, SOC359H5, SOC362H5, SOC380H5, SOC413H5, SOC425H5; VCC304H5.
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## Program #17 ERMIN1618 Ethics, Law and Society

- Rationale for change:** The new title, unlike the present one, makes clear that this is a course in ethics.
- Before:** This program provides students with a deeper understanding of ethical theories and their application in various social contexts; for example, it examines particular ethical issues concerning health care, the

environment, legal systems, and political institutions. Students are required to take courses in philosophy and social sciences. Courses should be selected in consultation with the Faculty Advisor. 4.0 credits are required including at least 1.0 at the 300/400 level.

- 1.0 credit from the following: PHL105Y5, PHL145H5, PHL210Y5, PHL235H5, PHL240H5, PHL241H5, PHL244H5, PHL255H5, PHL258H5, PHL285H5

- 0.5 credit from PHL265H5, PHL271H5, PHL275H5

- 1.0 credit from PHL267H5, PHL273H5, PHL274H5, PHL277Y5, PHL283H5, PHL284H5, PHL365H5, PHL370H5, PHL375H5, PHL475H5, or from courses listed in #2 above.

- 1.0 credit from ANT, ECO, POL, or SOC

- 0.5 credit from ANT, ECO, POL, SOC, or from courses listed in #2 or #3 above. Notes: Students who take PHL277Y5 will count as having taken PHL265H5 and PHL275H5

**After:**

This program provides students with a deeper understanding of ethical theories and their application in various social contexts; for example, it examines particular ethical issues concerning health care, the environment, legal systems, and political institutions. Students are required to take courses in philosophy and social sciences. Courses should be selected in consultation with the Faculty Advisor. 4.0 credits are required including at least 1.0 at the 300/400 level.

- 1.0 credit from the following: PHL105Y5, PHL145H5, PHL210Y5, PHL235H5, PHL240H5, PHL241H5, PHL244H5, PHL255H5, PHL258H5, **PHL284H5**, PHL285H5

- 0.5 credit from PHL265H5, PHL271H5, PHL275H5

- 1.0 credit from PHL267H5, PHL273H5, PHL274H5, PHL277Y5, PHL283H5, PHL284H5, PHL365H5, PHL370H5, PHL375H5, PHL475H5, or from courses listed in #2 above.

- 1.0 credit from ANT, ECO, POL, or SOC

- 0.5 credit from ANT, ECO, POL, SOC, or from courses listed in #2 or #3 above. Notes: Students who take PHL277Y5 will count as having taken PHL265H5 and PHL275H5

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### Program #18 ERSPE0231 Philosophy (Arts)

**Rationale for change:**

The CCT courses have been removed from all PHL programs. They are no longer applicable to our programs as these courses are no longer taught by PHL faculty members.

**Before:**

The program must include:

- at least 3.5 credits in the History of Philosophy: PHL202H5, 210Y5 and 2.0 additional credits from PHL220H5, 300H5, 307H5, 313H5, 314H5, 315H5, 324H5, 325H5, 327H5, 400H5, 416H5, 420H5;

- at least 1.0 credit in Logic and Philosophy of Language: PHL245H5 and 0.5 additional credit from PHL246H5, 340H5, 345H5, 346H5, 347H5, 348H5, 350H5, **451H5, CCT315H5**

- at least 1.5 credits in Metaphysics and Epistemology: from PHL332H5, 333H5, 341H5, 342H5, 355H5, 358H5, 360H5, **430H5, CCT314H5, 415H5**

- at least 1.5 credits in Ethics and Political Philosophy: PHL277Y5 or PHL265H5 and PHL275H5 and 0.5 additional credit from PHL365H5, 370H5, 375H5, 475H5. It is strongly recommended that students begin their study of Philosophy with PHL105Y5 and that students planning to enrol in the Specialist Program in Philosophy complete PHL202H5, 210Y5, 245H5, and 277Y5 or PHL265H5 and PHL275H5 by the end of their second year. It is recommended that all students discuss their course selection requirements with the Undergraduate Advisor.

**After:**

The program must include:

- at least 3.5 credits in the History of Philosophy: PHL202H5, 210Y5 and 2.0 additional credits from PHL220H5, 300H5, 307H5, 313H5, 314H5, 315H5, 324H5, 325H5, 327H5, 400H5, 416H5, 420H5;

- at least 1.0 credit in Logic and Philosophy of Language: PHL245H5 and 0.5 additional credit from PHL246H5, 340H5, 345H5, 346H5, 347H5, 348H5, 350H5, **451H5**

- at least 1.5 credits in Metaphysics and Epistemology: from PHL332H5, 333H5, 341H5, 342H5, 355H5, 358H5, 360H5, **430H5**

- at least 1.5 credits in Ethics and Political Philosophy: PHL277Y5 or PHL265H5 and PHL275H5 and 0.5 additional credit from PHL365H5, 370H5, 375H5, 475H5. It is strongly recommended that students begin their study of Philosophy with PHL105Y5 and that students planning to enrol in the Specialist Program in Philosophy complete PHL202H5, 210Y5, 245H5, and 277Y5 or PHL265H5 and PHL275H5 by the end of their second year. It is recommended that all students discuss their course selection requirements with the Undergraduate Advisor.

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### Program #19 ERSPE0714 Art and Art History (Arts)

**Rationale for change:**

Encouraging our students to take DVS courses in studio rather than CCT courses which are already overloaded. DVS students no longer have priority access to CCT courses as of 2013-14.

**Before:**

At least 12.0 credits are required, comprised of 7.0 in FAS (**or CCT courses offered from Sheridan**) and 5.0 in FAH/VCC/VST courses offered at U of T Mississauga. For the official list of

**CCT and** VCC courses that satisfy Art and Art History requirements see the departmental website. Required courses are as follows: FAS143H5, FAS145H5, FAS147H5, FAS232H5\*, FAS236H5\* FAS248H5\*; and FAH101H5 and VCC101H5. A minimum of 4.0 300/400-level credits in FAH or FAS of which 1.0 must be at the 400 level (in FAH/VCC/VST or FAS or both). 1.5 credits at the 200 level in FAH must be taken at U of T Mississauga (see Note 1 for the St. George exceptions allowed and Note 2 for required area distribution). See Notes below for distribution details. Students enrolled before Fall 2003 should consult the undergraduate counsellor about completion of their program.

**After:** At least 12.0 credits are required, comprised of 7.0 in FAS and 5.0 in FAH/VCC/VST courses offered at U of T Mississauga. For the official list of VCC courses that satisfy Art and Art History requirements see the departmental website. Required courses are as follows: FAS143H5, FAS145H5, FAS147H5, FAS232H5\*, FAS236H5\* FAS248H5\*; and FAH101H5 and VCC101H5. A minimum of 4.0 300/400-level credits in FAH or FAS of which 1.0 must be at the 400 level (in FAH/VCC/VST or FAS or both). 1.5 credits at the 200 level in FAH must be taken at U of T Mississauga (see Note 1 for the St. George exceptions allowed and Note 2 for required area distribution). See Notes below for distribution details. Students enrolled before Fall 2003 should consult the undergraduate counsellor about completion of their program.

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### Program #20 ERSPE0815 French and Italian (Arts)

**Rationale for change:** Declining program enrollment numbers.

**Before:**

**After:** Admissions to the French and Italian Specialist Program (ERSPE0815) is administratively suspended, and as of 2017-2018, it is no longer offered. Students currently enrolled in the program will be allowed to continue.

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### Program #21 ERSPE1384 International Affairs (Arts)

**Rationale for change:** Adding MAT % because courses that are required for the program explicitly have this math requirement. Updated French, Italian courses and added new Spanish and Chinese courses as per Languages Studies Department.

**Before:** Limited Enrolment: Enrolment in this program is limited to students who have 63% in ECO100Y5; ~~one~~ introductory language ~~course and~~ a CGPA of ~~2.50-11.0~~ credits are required from the following list: ECO100Y5; MAT133Y5/134Y5/135Y5; ECO200Y5/204Y5/206Y5, 202Y5/208Y5/209Y5,220Y5/227Y5,364H5,365H5; POL208Y5; 4.0 language credits in the same discipline. 3.0 from: ENV345H5,GGR325H5,365H5;HIS311Y5/HIS311H5; POL302Y5, 327Y5/375H5,340Y5,343Y5, 475H5 1.0 from: ECO400Y5/412Y/433H5/435H5/436H5/439Y5/456H5/460H5/461H5/463H5; a 400-level language course. The following 400-level St. George courses will also fulfill this requirement: ECO419H1, 459H1; POL454Y1 or a 400-level course from a cognate discipline approved by the faculty advisor. Language components available at U of T Mississauga: French: ~~FSL(206H5,206H5)/206Y5, FSL(306H5,306H5)/306Y5, 385H5/406H5, 386H5/406H5 or 366H5, FRE383H5~~ German: GER100Y5, 200Y5, 300Y5, 330H5, 370H5 (300/400 level German courses not always available at UTM.) Italian: ITA100Y5, 200Y5, 231H5, 232H5, ~~313Y5~~, 315Y5, 350Y5, ~~437H5, 436Y5~~, 420Y5 Note: Other languages can be considered with the approval of the Department.

**After:** Limited Enrolment: Enrolment in this program is limited to students who have 63% in ECO100Y5; 1.0 introductory language course, a CGPA of 2.50 and MAT133Y5 (63%) /MAT134Y5/ MAT135Y5/ MAT137Y5.11.0 credits are required from the following list: ECO100Y5; MAT133Y5/134Y5/135Y5; ECO200Y5/204Y5/206Y5, 202Y5/208Y5/209Y5,220Y5/227Y5,364H5,365H5; POL208Y5; 4.0 language credits in the same discipline. 3.0 from: ENV345H5,GGR325H5,365H5;HIS311Y5/HIS311H5; POL302Y5, 327Y5/375H5,340Y5,343Y5, 475H5 1.0 from: ECO400Y5/412Y/433H5/435H5/436H5/439Y5/456H5/460H5/461H5/463H5; a 400-level language course. The following 400-level St. George courses will also fulfill this requirement: ECO419H1, 459H1; POL454Y1 or a 400-level course from a cognate discipline approved by the faculty advisor. Language components available at U of T Mississauga: French: FSL105H5, FSL106H5, FSL205Y5, FSL305Y5, FSL405H5, FSL406H5, FSL466H. NOTE: Students exempted from lower level courses may replace them with a higher level language courses in FRE (FRE283H5, FRE382H5, FRE383H5) German: GER100Y5, 200Y5, 300Y5, 330H5, 370H5 (300/400 level German courses not always available at UTM.) Italian: ITA100Y5, 200Y5, 231H5, 232H5, 315Y5, 350Y5, 371Y5, 413Y5, 437Y5, 420Y5 Spanish: SPA100Y5, 220Y5, 259H5, 320Y5, 323H5 Chinese: CHI100Y5, 200Y5 (or CHI201Y5), 301Y5, 310H5, 311H5, 408H5 Note: Other languages can be considered with the approval of the Department. Students without pre- and co-requisites or written permission of the instructor can be deregistered from courses at any time.

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### Program #22 ERSPE2524 Italian (Arts)

**Rationale for change:** Provided clarification and included mention of experiential education.

**Before:** 10.0 credits are required including at least 3.0 300/400 level full courses and 1.0 400 level credit. Written work will be done in Italian in all courses.

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

**After:** 10.0 credits are required including at least 3.0 300/400 level full courses and 1.0 400 level credit. Written work will be done in Italian in all courses.

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

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## Course #1 CHI201H5 Intermediate High Chinese I (HUM)

<b>Description:</b>	This course is designed for student who can speak and understand Chinese in Mandarin or any dialects (e.g. Cantonese) to function in daily life but without equivalent reading and writing ability in Chinese. This course will develop students' overall language competence with more focus on reading and writing skills at intermediate high level.
<b>Exclusion:</b>	CHI200Y5, CHI201Y5, CHI202H, EAS200Y1, EAS201H1, LGGB60H3, LGGB61H3, LGGB62H3, LGGB63H3, LGGB64H3, and LGGB65H3
<b>Prerequisite:</b>	CHI101H5 or appropriated language level as indicated by the language assessment questionnaire.
<b>Rationale:</b>	The language assessments of students for CHI201Y have shown that the level of language proficiency of students in CHI201Y is very different. Some of them possess a higher proficiency in speaking, reading and writing of Mandarin or any dialects of Chinese language; while the others speak Mandarin or any dialects of Chinese language but they do not have literacy knowledge of Mandarin or any dialects of Chinese language. By dividing CHI201Y into two half courses: CHI201H and CHI202H, we can put the students in the appropriate course based on the level of their proficiency and literacy knowledge.
<b>No. Hours Instruction:</b>	24L, 24T
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

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## Course #2 CHI202H5 Intermediate High Chinese II (HUM)

<b>Description:</b>	This course is designed for students who can function in daily life with Chinese. Potential students for this course are able to speak and understand Chinese in some dialects (e.g. Cantonese) or Mandarin; and are able to read and write Chinese (in traditional or simplified script) at intermediate level. This course will introduce phonetic knowledge, develop and strengthen students' speaking skill in Mandarin as well as improve their competence in reading and writing in Modern Standard Chinese at intermediate high level.
<b>Exclusion:</b>	CHI200Y5, CHI201Y5, CHI201H, EAS200Y1, EAS201H1, LGGB60H3, LGGB61H3, LGGB62H3, LGGB63H3, LGGB64H3, and LGGB65H3
<b>Prerequisite:</b>	CHI101H5 or appropriated language level as indicated by the language assessment questionnaire.
<b>Rationale:</b>	The language assessments of students for CHI201Y have shown that the level of language proficiency of students in CHI201Y is very different. Some of them possess a higher proficiency in speaking, reading and writing of Mandarin or any dialects of Chinese language; while the others speak Mandarin or any dialects of Chinese language but they do not have literacy knowledge of Mandarin or any dialects of Chinese language. By dividing CHI201Y into two half courses: CHI201H and CHI202H, we can put the students in the appropriate course based on the level of their proficiency and literacy knowledge.
<b>No. Hours Instruction:</b>	24L, 24T
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

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## Course #3 CHI410H5 Modern Chinese Literature (HUM)

<b>Description:</b>	As an advanced course with emphasis on reading and writing skills, this survey course examines different genres of literary works and writers in modern Chinese literature. The focus will be on poetry, prose, and fiction works written by mainland and overseas authors. Students will learn the techniques of literary criticism in the social and cultural contexts.
<b>Exclusion:</b>	EAS284H/ EAS284Y, LGGC64/LGGC65
<b>Prerequisite:</b>	CHI301Y5 OR appropriate language level indicated by language assessment questionnaire.
<b>Rationale:</b>	The present Chinese curriculum includes language, culture and business courses. A strong and comprehensive language curriculum should also include literature courses that provide opportunities for practical application of language skills, develop linguistic knowledge, communicative competence, cultural awareness, and critical thinking skills.
<b>No. Hours Instruction:</b>	No

Offered at St  
George:  
Revived Course: No

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#### Course #4 CHI411H5 Theory and Practice in English/Chinese Translation (HUM)

**Description:** An introduction to the methods, techniques and major theories involves in translating from English into Chinese. This course emphasizes the translation practice and the theoretical discussions on linguistic, cognitive, socio-political, and cultural aspects of translation. Through analysis and application of translation theory, students practice the art of translation and develop awareness of issues that translators face.

**Exclusion:** ECTB61H3

**Prerequisite:** CHI301Y5 OR appropriate language level indicated by language assessment questionnaire.

**Rationale:** The department is committed to providing strong connections between academic contents of the courses and students' real world goals/experiences. A translation course will make a strong connection between language, culture and other academic fields like business, economy, management, etc. Moreover, adding translation courses in the Chinese section may also have a great impact on EDS' summer camp program for Chinese students.

**No. Hours  
Instruction:** 36L

**Offered at St  
George:** No

**Revived Course:** No

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#### Course #5 CIN399Y5 Research Opportunity Program (HUM)

**Description:** This course provides a richly rewarding opportunity for students in their third year or beyond to work on the research project of a professor in Cinema Studies in return for 399Y course credit. Students enrolled have an opportunity to become involved in original research, enhance their research skills, and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter session on the ROP website in mid-February and students are invited to apply at that time.

**Rationale:** Adding this course gives the opportunity for upper level students in the Cinema Studies program to take an ROP.

**No. Hours  
Instruction:**

**Offered at St  
George:** No

**Revived Course:** No

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#### Course #6 ENG101H5 How to Read Critically (HUM)

**Description:** This foundational course serves as an introduction to a wide range and variety of methods for literary and textual analysis, giving students a set of interpretive tools they can use to analysis, giving students a set of interpretive tools they can use to analyze texts in English classes and beyond. Emphasis will be on developing close, attentive reading skills as ways of thinking not just about, but through texts, and on deploying these skills effectively in essays and discussions. The class will draw on literary works from a variety of countries, centuries, genres and media. We recommend that students considering a Specialist, Major, or a Minor in English take this course. [36L]

**Rationale:** We hope that this course will become a new gateway into our major. The new title reflects the course's focus on methodologies for reading English and distinguishes it from courses that treat a particular literary form (e.g. Narrative, ENG110Y5) or period (e.g., Contemporary Literatures in English, ENG140Y5) and from surveys. By laying a foundation in approaches to interpreting literary and other texts, this class is designed to set the stage for students entering the program under a redesigned curriculum.

**No. Hours  
Instruction:** 36L

**Offered at St  
George:** No

**Revived Course:** No

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#### Course #7 ENG206H5 Rhetorical Criticism (HUM)

**Description:** This course will use the tools and perspectives of rhetoric, from the Sophists to the postmodern, to analyze and critique the texts and other cultural artifacts that surround us. Much of what we encounter in the cultural realm is an

argument; the task in this course will be to understand and engage with those arguments. Students will analyze the rhetoric of poetry, fiction, and drama, as well as of news stories, speeches, video, images, and more. [36L]

**Prerequisite:** All 200-series courses are open to students who are concurrently enrolled in ENG110Y or ENG140Y, or both DRE/ENG121H and DRE/ENG122H, or who have successfully completed at least 4.0 full credits.

**Rationale:** We created this course as a follow up to ENG205H5, Rhetoric, and as a companion or precursor to ENG380H5, Literary Theory.

**No. Hours Instruction:** 36L

**Offered at St George:** No

**Revived Course:** No

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### Course #8 ENG238H5 Fantasy Literature (HUM)

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

**Prerequisite:** All 200-series courses are open to students who are concurrently enrolled in ENG110Y or ENG140Y, or both DRE/ENG121H and DRE/ENG122H, or who have successfully completed at least 4.0 full credits.

**Rationale:** ENG239H5, Fantasy and Horror, as it is currently titled, is extremely popular, and usually has a long wait list. There is enough interest in fantasy and horror to support two courses, this new ENG238H5 on the former and the revised ENG239H5 on the latter. The different lines of descent of the two genres warrant separate treatment, and two separate courses will enable instructors to cover a wider variety of the great many forms of fantasy and horror writing, from those belonging to the literary canon to "popular" and "amateur" writings for both traditional and new media. See also the changes to ENG239H5.

**No. Hours Instruction:** 36L

**Offered at St George:** No

**Revived Course:** No

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### Course #9 ENG269H5 Queer Writing (HUM)

**Description:** Introducing a lesbian, gay, bisexual, trans, and queer tradition in literature and theory, this course may explore texts from a variety of historical periods, from the classical to the contemporary. It will focus on a variety of genres, potentially including poetry, drama, fiction, criticism, and popular culture. [36L]

**Exclusion:** ENG273Y1

**Prerequisite:** All 200-series courses are open to students who are concurrently enrolled in ENG110Y or ENG140Y, or both DRE/ENG121H and DRE/ENG122H, or who have successfully completed at least 4.0 full credits.

**Rationale:** This course fills a major gap in our current curriculum, which currently includes no courses dedicated to LGBTQ+ literary traditions.

**No. Hours Instruction:** 36L

**Offered at St George:** Yes

**Revived Course:** No

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### Course #10 ENG270H5 Writing and Resistance: Decolonizing Literature (HUM)

**Description:** In this course we will study literary and non-literary texts from the nineteenth century to the present day. Colonial texts will be analyzed alongside postcolonial interpretations of the nineteenth-century archive, giving students a grasp of colonial discourse and contemporary postcolonial analyses. [36L]

**Exclusion:** ENG253Y5

**Prerequisite:** All 200-series courses are open to students who are concurrently enrolled in ENG110Y5 or ENG140Y5 or both DRE/ENG121H5 and DRE/ENG122H5 or who have completed at least 4.0 credits.

**Rationale:** 36L



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

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### **Course #11 ENG275H5 Feminist Approaches to Literature (HUM)**

**Description:** This course will consider the implications, for literary studies and for literary writing, of modern traditions of feminist and gender theory. Students will encounter the work of major feminist thinkers - e.g., Mary Wollstonecraft, Simone de Beauvoir, Alice Walker, Julie Kristeva, and Judith Butler - and texts by major women writers. The course will explore feminist approaches to literature, including those that borrow from post-structural, psychoanalytic, and contemporary gender, race, and queer theories. [36L]

**Prerequisite:** All 200-series courses are open to students who are concurrently enrolled in ENG110Y or ENG140Y, or both DRE/ENG121H and DRE/ENG122H, or who have successfully completed at least 4.0 full credits.

**Rationale:** We have some extremely popular courses on women writers but none on the foundational and hugely influential work of feminist critics and theorists on the significance of gender to literary analysis. Our students express a strong interest in more offerings in this field.

This course is offered at St. George although we have altered their calendar description (and we do not know if this course will stand in 2017-18, as FAS English is undergoing its own comprehensive curriculum review).

**No. Hours**  
**Instruction:** 36L  
**Offered at St**  
**George:** No  
**Revived Course:** No

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### **Course #12 ENG276H5 Fanfiction (HUM)**

**Description:** This course investigates fanfiction from a variety of theoretical standpoints, including gender and sexuality studies, critical race studies, and affect theory. It considers the literary history of fanfiction- amateur, unauthorized stories about characters invented by canonical writers (e.g., Jane Austen and Arthur Conan Doyle); a wide selection of fanfiction stories; and the commercialization of the products of the modern fanfiction industry. [36L]

**Prerequisite:** All 200-series courses are open to students who are concurrently enrolled in ENG110Y or ENG140Y, or both DRE/ENG121H and DRE/ENG122H, or who have successfully completed at least 4.0 full credits.

**Rationale:** The rise of new publishing platforms has transformed fanfiction from a fascinating subculture - one that raises important questions about the affective identification of readers with canonical and popular literary texts - into a major industry. Over 90% of fanfiction writers are women, transgender, or LGBTQ+ (which is one reason for the widespread contempt for the form). In surveys we have conducted in classes, almost all of our students - who are also more likely to be women and/or LGBTQ+ than UTM's overall student population - report that they write or read fanfiction. Courses in this area increasingly offered in English and Media Studies at other major research institutions (e.g., Princeton, NYU). There is no such course at the tricampus University of Toronto: there should be.

**No. Hours**  
**Instruction:** 36L  
**Offered at St**  
**George:** No  
**Revived Course:** No

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### **Course #13 ENG279H5 Video Games (HUM)**

**Description:** What is the literary history of video games? The course considers how some novels and plays work like games; how games have evolved complex and often non-verbal means of conveying narratives; and whether narrative in fiction, theatre and film can or should be a model for storytelling in the rule-bound, interactive worlds of video games. [36L]

**Prerequisite:** All 200-series courses are open to students who are concurrently enrolled in ENG110Y or ENG140Y, or both DRE/ENG121H and DRE/ENG122H, or who have successfully completed at least 4.0 full credits.

**Rationale:** A more advanced version of this course is the most popular we offer at the 400 level and is always waitlisted: we are sure there is sufficient demand for a larger and more introductory course on video games that situates them in relation to the history and study of literature.

**No. Hours**  
**Instruction:** 36L



**Offered at St George:** No  
**Revived Course:** No

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### **Course #14 ENG289H5 Creative Writing (HUM)**

**Description:** Students will engage in a variety of creative exercises, conducted across a range of different genres of literary writing. Restricted to students who in the opinion of the Department show special aptitude. Detailed requirements will appear on the Department website in advance of this date. Students should contact the instructor or the Undergraduate Advisor for more information.

**Prerequisite:** Permission of instructor; portfolio must be submitted by May 15 ( for F courses) and September 15 (for S courses).

**Rationale:** We already offer a very successful and popular Y creative writing course, ENG389Y5. A new 200 level H course that allows students to experiment with different genres and forms will enable instructors to transform ENG389Y5 into workshop for students.

**No. Hours Instruction:** 36S

**Offered at St George:** No

**Revived Course:** No

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### **Course #15 ENG301H5 Making Love in the Sixteenth Century (HUM)**

**Description:** In this course, students will follow the changing constructions of love and love poetry in the sixteenth century, starting with Wyatt and Surrey, passing through Tottel, to the Elizabethan court, and ending with the erotic love poetry that served as a backlash against the Petrarchanism of the early sixteenth century. [36L]

**Prerequisite:** 1.0 credit in ENG and 3.0 additional credits.

**Rationale:** This course is one of two we have designed to replace ENG302Y5, currently titled "Poetry and Prose 1500-1600" (the other is presented below as a reweighting and renaming of ENG302Y5). We are redeveloping the content of that Y course as two H courses that cut through the century in different ways. The idea is to offer these in alternating years: each opens a different window on the sixteenth century.

**No. Hours Instruction:** 36L

**Offered at St George:** No

**Revived Course:** No

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### **Course #16 ENG320H5 Transforming Literature in the Sixteenth Century (HUM)**

**Description:** This course focuses on transformations of major literary forms during the sixteenth century, especially on how these transformations involve engagements with medieval and earlier materials. It covers such topics as Petrarchan poetry in translation by Wyatt and Surrey; John Fox's and John Bale's repackaging of Anne Askew's biography; and the work of Ovid and other classical authors in translation and adaptation, as in the Shakespeare's Venus and Adonis. [36L]

**Exclusion:** ENG302Y1, ENG302Y5

**Prerequisite:** 1.0 credit in English and 3.0 additional credits.

**Rationale:**

**No. Hours Instruction:** 36L

**Offered at St George:** Yes

**Revived Course:** No

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### **Course #17 ENG321H5 Poetry and Prose 1600-1660 (HUM)**

**Description:** Considering literature during the reign of the early Stuarts and the Civil War, this course includes such poets as Donne, Jonson, Lanyer, Wroth, Herbert and Marvell, and such prose writers as Bacon, Clifford, Donne, Wroth, Burton, Cary, Browne, Milton, and Cavendish. [36L]

**Rationale:** 36L

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

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### **Course #18 ENG333H5 Modern Fiction to 1960 (HUM)**

**Description:** This course explores novels by such writers as James, Conrad, Cather, Forster, Joyce, Woolf, Lawrence, and Faulkner. [36L]  
**Rationale:**  
**No. Hours** 36L  
**Instruction:**  
**Offered at St** No  
**George:**  
**Revived Course:** No

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### **Course #19 ENG345H5 Victorian Poetry and Prose (HUM)**

**Description:** Victorian writers (such as Darwin, Tennyson, Browning, Wilde, Nightingale, Christina Rossetti, Kipling) respond to crisis transition: the Industrial Revolution, the Idea of Progress, and the "Woman Question"; conflicting claims of liberty and equality, empire and nation, theology and natural selection; the Romantic Inheritance Art-for-Art's -Sake, Fin de siècle and Decadence.  
**Exclusion:** ENG347Y1, ENG347Y5  
**Rationale:**  
**No. Hours** 36L  
**Instruction:**  
**Offered at St** No  
**George:**  
**Revived Course:** No

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### **Course #20 ENG350H5 Poetry and Modernism (HUM)**

**Description:** Special study of Hopkins, Yeats, Pound, Eliot, Stevens; selections from other poets.  
**Exclusion:** ENG348Y1, ENG348Y5  
**Rationale:**  
**No. Hours** 36L  
**Instruction:**  
**Offered at St** No  
**George:**  
**Revived Course:** No

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### **Course #21 ENG381H5 Digital Texts (HUM)**

**Description:** This course considers the ways in which digital technologies are transforming texts, reading, readerships, and the idea of the literary. Students will study a wide variety of digital texts, e.g., fanfiction, webcoms, viral Tumblr posts and tweets and video games. They will also learn about the use of digital tools to read, study, and preserve texts. The course may include a practical project, e.g., the design of a narrative game using Twine; the curation of a digital exhibit using Omeka; or an argument about some text/s using visualization software. [36L]  
**Prerequisite:** 1.0 credit in ENG and 3.0 additional credits.  
**Rationale:** This course is being offered this year as ENG316H5 "Topics in Modern and Contemporary Literature." Student interest has been difficult to gauge because many students in our "topics" course report that they did not know what the topic of the course would be when they enrolled (or believed it would cover a range of topics - see our proposal to rename these topics courses below). By giving the course its own code and title, we will help students to identify it and its content accurately and measure their interest in this field of study. A regular offering in this area will allow us to expose students to research and give them some skills in "Digital Humanities." We think this is timely, in the context of the new University of Toronto Digital Humanities Network; a minor in Digital Humanities to be launched in the Faculty of Arts and Science in 2017-18; and a "DH" course with a focus on historical methods offered in UTM's Historical Studies department.

**No. Hours Instruction:** [36L]  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #22 FAH498H5 Topics in Curatorial Studies (HUM)**

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

**Prerequisite:** FAH101H5/FAH105H5/FAH202H5, FAH289H5, FAH310H5 and 0.5 additional credit in FAH/VCC

**Recommended Preparation:** FAH288H5

**Rationale:** Hire of new faculty member in curatorial studies who is revising existing curatorial studies courses (designed by the previous curator) to reflect her teaching goals and style, and to allow for more in-depth study of special topics.

**No. Hours Instruction:** 24S  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #23 HIS214H5 Comparative Genocide (HUM)**

**Description:** What are the historical circumstances through which mass killings emerge? An introduction to the history of genocide in comparative perspective, with an emphasis on the 20th century case studies. Course themes include denial and forgetting; justice and truth; and public memory. [24L, 10T]

**Rationale:** This course is designed to add to the new stream of Ideas, Culture, and Society. Through this course, students will learn foundations in historical thinking, as well as how to think conceptually and thematically across geographic areas.

**No. Hours Instruction:** 24L, 10T  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #24 HIS315H5 Indigenous Peoples and Immigrants in Canada (HUM)**

**Description:** This course examines the intertwined social, cultural, economic, and political histories of Indigenous peoples and immigrants in Canada. It explores the influence on lived experience of a wide variety of phenomena and ideas including community, place, indigeneity, ethnicity, gender, colonialism, empire, and mobility from the distant to the present. [24L]

**Recommended Preparation:** HIS263Y5

**Rationale:** This course will fill a significant regional and thematic gap in the current course offerings, while complementing our Canadian History and US History offerings.

**No. Hours Instruction:** 24L  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #25 HIS410H5 Doing Digital History (HUM)**

**Description:** How have Web 2.0 technologies changed the practice of history? Students learn by doing in this course: researching and writing for the digital medium; learning about the theory and practice of digital history; experimenting with new technologies; and creating a digital history project.[24S]

**Prerequisite:** HIS101H5  
HIS210H5

**Recommended Preparation:**

**Rationale:** This course is a 4th year seminar that will allow students to build on prior work in HIS210H5, Introduction to Digital Humanities, or other courses with significant emphasis on Digital Humanities methods and approaches.

**No. Hours Instruction:** 24S

**Offered at St George:** No

**Revived Course:** No

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**Course #26 HIS462H5 Indigenous North America (HUM)**

**Description:** This reading and research-based course focuses on the history of Indigenous peoples in Canada and the United States, while also considering Mexico and the Caribbean. It explores a wide variety of methodologies and topics, examining Indigenous social structures, cultures, and economies alongside the influence of colonialism, capitalism, and nation states. [24S]

**Prerequisite:** HIS101H5

**Recommended Preparation:** HIS263Y5/HIS271H5/HIS272H5

**Rationale:** This course will fill a significant regional and thematic gap in the program's current course offerings, while adding to our offerings in Canadian and US History. It will also follow from the HIS315H5 Indigenous Peoples and Immigrants in Canada course that will be added to the curriculum.

**No. Hours Instruction:** 24S

**Offered at St George:** No

**Revived Course:** No

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**Course #27 HIS463H5 Memory and Memorialization in South African History (HUM)**

**Description:** This course examines the histories of South Africa through the lens of memory and memorialization. Major themes include gender and sexuality, race and nationalisms, youth and resistance, violence and trauma, the intersections and disconnections between different forms of memory (historical, collective, social) and their relationship to historical methodology and practice.[24S]

**Prerequisite:** HIS101H5

**Recommended Preparation:** HIS295H5

**Rationale:** This course will offer an upper-level, research-based seminar in African history filling a significant regional gap in the current course offerings. The course has previously been taught as HIS493H5: Topics in Global History.

**No. Hours Instruction:** 24S

**Offered at St George:** No

**Revived Course:** No

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**Course #28 ITA103H5 What TO Wear: Italian Fashion, from the Theatre to the Runway (HUM)**

**Description:** (Offered in English) 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 movies and television, and the impact it has had on the fashion industry, in Italy and abroad.

**Rationale:** Italian Studies is focused on offering students a wide-range of courses in order to increase their breadth of knowledge of Italian Studies topics which are not covered in any other Italian course. As there are currently only Italian language courses offered at the first-year level, this course not only complements the language learning in the first year language offering but also provides the opportunity to develop awareness of dominant historical themes in Italian culture which includes textile production, clothing and fabric.

**No. Hours Instruction:** 24L

**Offered at St George:** No

**Revived Course:** No

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**Course #29 LIN353H5 Discourse Analysis (HUM)**

<b>Description:</b>	This course introduces students to the nature and uses of discourse analysis, notably the types of data on which it draws and its descriptive and critical goals. Topics addressed include discourse structures, participants in discourse, links across texts, the role of medium, and the importance of intention and interpretation.
<b>Exclusion:</b>	JAL353H5, JAL353H1
<b>Prerequisite:</b>	LIN256H5/JAL253H5/ANT206H5
<b>Rationale:</b>	This course offers a key aspect of linguistic preparation that falls within the expertise of one of our current faculty members. It is not currently covered in our course offerings. The existing course with a JAL course code (JAL353H1) is highly specialized and is no longer being taught because the faculty member from Anthropology no longer teaches it.
<b>No. Hours Instruction:</b>	24L, 12T
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

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**Course #30 LIN368H5 Talking Numbers: Interpretation and Presentation of Quantitative Linguistic Data (HUM)**

<b>Description:</b>	This course will provide the conceptual grounding needed to interpret quantitative data from a range of subfields, including basic literacy in some common statistical tests used in linguistic research. Students will also learn and practice, via hands-on lab activities, appropriate techniques for presenting different types of quantitative data graphically using descriptive statistics (means, variances), and will receive an introduction to some foundational aspects of inferential statistics (confidence intervals, hypothesis testing). No prior background in statistics is required.
<b>Prerequisite:</b>	LIN256H5/LIN258H5 and LIN229H5/LIN232H5/LIN231H5/LIN247H5. PSY275H5/ANTH206H5
<b>Rationale:</b>	With the increasing prevalence of quantitative data in almost every subfield of linguistics, it is essential for students in both the major and minor programs to be able to 1) interpret and evaluate quantitative analyses and 2) present original quantitative data accurately and effectively. We currently have no course that addresses this issue; this course is essential for a forward-thinking program.
<b>No. Hours Instruction:</b>	24L, 12T
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

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**Course #31 LIN409H5 The Structure of a Specific Language (HUM)**

<b>Description:</b>	An introduction to the structure of a featured language other than English. Topics of analysis may include the phonological, morphological, syntactic, or semantic systems; the writing system; historical aspects; variation. Students will use the tools of linguistic analysis learned in prior courses to examine the structural properties of this language. No prior knowledge of the language is necessary.
<b>Exclusion:</b>	LIN409H1, LINC61H3 if the same language was analyzed.
<b>Prerequisite:</b>	LIN228, LIN229, LIN232, plus 0.5 credit in a 300-level LIN course.
<b>Rationale:</b>	Our major and minor programs in Linguistic Studies require a summative course that involves the formal analysis of the major structural properties of one language along with some of its distinctive features. This course draws on knowledge acquired in the various sub-disciplines and promotes the students' ability to discover connections that hold between the sub-disciplines. This is an important course to any student completing a Major Program in Linguistics Studies, hence the presence of such a course at both the St. George and Scarborough campuses.
<b>No. Hours Instruction:</b>	24L, 12T
<b>Offered at St George:</b>	Yes
<b>Revived Course:</b>	No

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**Course #32 PHL101H5 Introduction to Philosophy (I) (HUM)**

**Description:**

This course is an introduction to some of the central questions of philosophy, questions concerning the nature of reality, rationality, knowledge, the self, the good life, freedom and responsibility. The course explores answers that have been given to these questions in a selection of classical and contemporary texts. Tutorials will involve active discussion of the philosophical ideas covered in the lectures.

**Exclusion:** PHL105Y5

**Rationale:** The sequence PHL101H5-PHL102H5 is conceived as an alternative to PHL105Y5 for students preferring not to commit to a Y course. There is nothing in the nature of an introductory course in philosophy that requires it to be Y (most universities offer it as a one-semester course); in fact, the Y format has been in place only in order to protect enrolment. However, our enrolments in PHL105Y5 have been falling and we think the problem may be solved by offering a one-term version of our intro course. (St G offers two versions of their intro course, with good results.) This new sequence will have the additional advantage of allowing us to fine tune our prerequisites for other courses. For instance, some of our higher level courses may need only PHL101H5 as a prerequisite, while others will need PHL102H5 as well. The minor in philosophy may have only PHL101H5 as a requirement, while our majors and specialists may be required to take both courses. We will make these decisions once we see how the enrolments are doing.

**No. Hours Instruction:** 24L,12T

**Offered at St George:** No

**Revived Course:** No

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### Course #33 PHL102H5 Introduction to Philosophy (II) (HUM)

**Description:** Like PHL101H5, this course is an introduction to some of the central questions of philosophy, questions concerning the nature of reality, rationality, knowledge, the self, the good life, freedom and responsibility. However, this course is a writing intensive course that will place special emphasis on learning to write a philosophical paper. Also students will be introduced to basic logical symbols and rules.

**Exclusion:** PHL105Y5

**Rationale:** The course is conceived as a successor to PHL101H5 but for students interested in continuing in philosophy. The course will be general and introductory but slightly more advanced than PHL101H5, focusing greater attention on the skills needed to write a good philosophy paper. In particular, (1) PHL102H5 will be a writing intensive course with increased TA support for reading multiple drafts of papers and providing ample feedback. Also, (2) students will be introduced to the basic vocabulary and principles of formal logic as preparation for PHL245H5 Modern Symbolic Logic (a prerequisite for several higher level courses and required for the specialist and major). Students who are not accustomed to working with formal machinery often find PHL245H5 very difficult. We have found it helpful to introduce them to basic logical vocabulary in our PHL105Y5, before they take PHL245H5; this could be done as easily in a one-semester course.

**No. Hours Instruction:** 24L,12T

**Offered at St George:** No

**Revived Course:** No

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### Course #34 PHL204H5 Philosophy in Everyday Life (HUM)

**Description:** This one-semester course covers philosophical topics that most people talk about, or at least think about, in their everyday lives, e.g., during conversations with friends, or while watching the news, or when deciding how to vote in an election. Such topics include, for example, the difference between art and pornography, the possibility of life after death, the evolution vs. creationism debate, the ethics of abortion and doctor-assisted suicide, and the possibility of intelligent robots. Each topic will be introduced via relevant public media (e.g., articles from the New York Times series *The Stone* and similar pieces from *The Guardian*, CBC news, NPR) and other popular sources (e.g., Ted Talks, youtube videos) and then pursued in several accessible readings from the philosophical literature. A shared library of readings for the course will be built up (e.g., on Blackboard) by the instructors and students and updated as new issues of popular interest arise.

**Rationale:** The course is a half-course introduction to philosophy designed to attract students who might not otherwise take a philosophy course. It is modelled on courses like *Physics for Poets*. Also, the course is conceived as an introduction to philosophy that is less intensive than our PHL105Y Introduction to Philosophy and addresses popular topics that should be of interest to students, e.g., those in STEM fields, who might not otherwise take a philosophy class.

**No. Hours Instruction:** 36L

**Offered at St George:** No

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Revived Course: Yes

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### Course #35 PHL221H5 Philosophy at the Movies (HUM)

**Description:** This course considers fundamental philosophical themes - the meaning of life and death, the nature of responsibility, fate and agency, knowledge and illusion, personal identity, alienation and belonging, love and sex, politics, ethics, and morality, among others - through film. The course also considers some questions about film as a philosophical genre: of the medium of film as an alternative medium (an alternative to language and explicit argument) of philosophical expression; of whether and how film may convey philosophical insight otherwise unavailable; and of the role of interpretation in understanding film philosophically.

**Rationale:** We currently have no philosophy of film course, so this course under this title should attract good enrolment.

**No. Hours Instruction:** 36L

**Offered at St George:** No

**Revived Course:** No

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### Course #36 PHL301H5 The Philosophy of Plato (HUM)

**Description:** This course explores major themes in Plato's philosophy through a selective reading of his dialogues. Among the areas tackled are the human good, the nature of the soul, knowledge, and the ultimate constitution of reality. Readings may include, though will not necessarily be confined to, the Euthyphro, Protagoras, Euthydemus, Meno, Gorgias, Republic, Phaedo, Phaedrus and Theaetetus.

**Prerequisite:** 1.5 credits in PHL.

**Recommended Preparation:** PHL202H5, PHL210Y5

**Rationale:** Currently we have only one 300-level course in ancient philosophy: PHL300H5 Topics in Ancient Philosophy. The latter course allows considerable latitude in its specific topic (e.g., Plato, Aristotle, pre-Socratic philosophy, the Sophists, post-Aristotelian philosophy); however, given the single course code, students are permitted to take it only once. New, more fine-grained course codes are needed; see also PHL302H5 below.

**No. Hours Instruction:** 36L

**Offered at St George:** No

**Revived Course:** No

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### Course #37 PHL302H5 The Philosophy of Aristotle (HUM)

**Description:** This course explores major themes in Aristotle's philosophy belonging to the fields of natural philosophy, metaphysics, ethics and epistemology. Readings may include, though are not necessarily confined to the Ethics, Physics, Metaphysics, Categories, On the soul and Analytics.

**Prerequisite:** 1.5 credits in PHL.

**Recommended Preparation:** PHL202H5, PHL210Y5

**Rationale:** Currently we have only one 300-level course in ancient philosophy: PHL300H5 Topics in Ancient Philosophy. The latter course allows considerable latitude in its specific topic (e.g., Plato, Aristotle, pre-Socratic philosophy, the Sophists, post-Aristotelian philosophy); however, given the single course code, students are permitted to take it only once. New, more fine-grained course codes are needed; see also PHL301H5 above.

**No. Hours Instruction:** 36L

**Offered at St George:** No

**Revived Course:** No

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### Course #38 RLG301H5 Fetish, Totem, Idol: Theorizing Material Religion (HUM)

**Description:** This course surveys major theories of religious objects and icons from the 18th through the 21st century in order to problematize the categories of fetish, totem, and idol. It presents the study of material religion as integral to the broader study of religion, media, and culture. [24L]

**Rationale:**



This course develops the curriculum in religion, media, and culture by providing an intensive introduction to a key topic in the field: material religion. It also complements the required course in Method and Theory in History of Religion by allowing students to continue their study of theory through a focused topics-based approach.

**No. Hours Instruction:** 24L  
**Offered at St George:** No  
**Revived Course:** No

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### Course #39 RLG303H5 Islam in South Asia (HUM)

**Description:** This course focuses on the history of Islam in South Asia from the 8th century to the present with an emphasis on religio-politics, the role of Sufism, Shi'ism, ritual, devotional and material practices, and questions of Islamic identity. Students will read primary sources in translation and examine art, architecture and material culture reflecting the historical depth and religious diversity of Muslims in South Asia.[24L]

**Rationale:** This course will contribute to the strengthening of our core South Asia and Islamic studies curricula in History of Religions. Islam in South Asia is a course that bridges both South Asian and Islamic studies disciplines, which will attract students who want to learn more about Islam than is taught in RLG205H5 or who desire a more geographically-focused approach than is offered in RLG204H5. This course will prepare students for more advanced courses in South Asian Islam.

**No. Hours Instruction:** 24L  
**Offered at St George:** No  
**Revived Course:** No

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### Course #40 RLG316H5 Religion and Violence (HUM)

**Description:** Is violence inherent in religion? Most religious traditions include teachings that profess a love of peace, and yet these same traditions have motivated some of the most atrocious acts of violence in human history. This course will explore this issue through a critical and comparative examination of theories of different forms of religious violence (e.g., terrorism, sacrifice, patriarchy, colonialism). This examination will in turn involve considering violence in various historical and contemporary religious texts, practices, beliefs, and events.[24L]

**Prerequisite:** RLG101H5

**Rationale:** This is a globally framed, comparative course that addresses a critical issue in the study of religion that is currently not being directly covered by any other course in the department. As such students who completed the course could use it towards the 300-level Comparative requirement for both the Major and Specialist programs in the History of Religions. In its treatment of religious violence in historical context this course connects to the department's History program. In its consideration of religion in relation to topics such as patriarchy and colonialism, this course also shares some ground with other the department's programs in Women and Gender Studies, and Diaspora and Transnational Studies. In its examination of how religious violence is represented in film, television, the internet, news sources, etc., this course is congruent with the department's emerging offerings in religion and media.

**No. Hours Instruction:** 24L  
**Offered at St George:** No  
**Revived Course:** No

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### Course #41 RLG362H5 Mediating Hinduism (HUM)

**Description:** How have mass media shaped modern Hinduism? How has Hindu devotional culture shaped mass-mediated visual culture in South Asia and beyond? This course pursues these questions through a series of case studies, including units on topics such as poster art, comic books, the film mythological, monumental statues, e-puja and virtual pilgrimage. [24L]

**Recommended Preparation:** RLG205H5/RLG211H5

**Rationale:** This course complements existing courses in the religions of South Asia by providing students with an opportunity for the in-depth study of modern Hinduism. It complements existing courses in Religion, Media, and Culture, by providing students the opportunity for an in-depth study of one geographic area in which questions of religion and media arise in an especially interesting way.



**No. Hours Instruction:** 24L  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #42 RLG382H5 The Divine Comedy: A Spiritual Journey (HUM)**

**Description:** This course studies the *Divine Comedy* by Dante Alighieri (1265–1321), a poem describing the author's journey through the afterlife. It analyzes the religious themes of the text, highlighting how different traditions, such as Christianity, Judaism, Islam and Paganism, contributed to Dante's shaping of the imaginary structure of the otherworldly spaces. [24L]

**Recommended Preparation:** RLG325H5

**Rationale:** The course has a comparative religious focus, as it analyzes the development of eschatological themes (specifically, the structure of the afterlife spaces) in different religious traditions of the Near Eastern, and European world, from antiquity to the Middle Ages. It may be of interest for students in the history of Christianity, of Judaism, of Islam, and of Paganism.

**No. Hours Instruction:** 24L  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #43 WGS347H5 Indigenous Feminisms and Decolonization (HUM)**

**Description:** This course explores themes related to Indigenous feminist scholarship and activism in North America. The course centres on how Indigenous women engage in decolonial practices as a response to histories of colonialism and genocide. Themes include status and tribal nations; oral history and narrative; violence and resistance, knowledge construction and pedagogy, community, self-governance and freedom. [24L]

**Prerequisite:** WGS101H5/WGS200Y5

**Rationale:** This course will fit into the current Women and Gender Studies curriculum on racialized women in the area of multiple feminisms. Introducing students to Indigenous Feminist scholarship and activism, this course sheds light on both the specific and simultaneous effects of racism, colonialism, sexism, and other forms of social violence experienced by Indigenous women.

**No. Hours Instruction:** 24L  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #44 utm116H5 utmONE: Happiness (HUM,SSc)**

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

**Exclusion:** utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5

**Rationale:** utmONE is designed to offer transitional courses on a rotating basis to our incoming students. We have a new faculty members offering new courses beginning next year.

**No. Hours Instruction:** 24L, 12T  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #45 utm117H5 utmONE: Individualism, The Development Of An Idea (HUM,SSc)**

<b>Description:</b>	Through an interdisciplinary lens, this course investigates the concept of individualism from its beginnings in antiquity through today. Students will explore the relationships as well as the tensions between the individual and society. As part of this course students will participate in a series of tutorials that will introduce them to essential elements of a holistic student experience (such as career exploration, health and wellness, and co-curricular engagement). [24L, 12T]
<b>Exclusion:</b>	utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5
<b>Rationale:</b>	utmONE is designed to offer transitional courses on a rotating basis to our incoming students. We have a new faculty members offering new courses beginning next year.
<b>No. Hours Instruction:</b>	24L, 12T
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

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# Courses - Resource Implications

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## Course #1 CCT314H5 Mind, Media and Representation

Resource implications: None

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## Course #2 CCT399Y5 Research Opportunity Program (ROP)

Resource implications: None

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## Course #3 CCT451H5 Digital Media: Advanced Audio Production (SH)

Resource implications: None.

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## Course #4 CHI201H5 Intermediate High Chinese I

Resource implications: None. CHI201H5 and CHI202H5 replace the existing CHI201Y5.

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## Course #5 CHI202H5 Intermediate High Chinese II

Resource implications: None. CHI201H5 and CHI202H5 replace the existing CHI201Y5.

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## Course #6 CHI310H5 Business Chinese

Resource implications: None.

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## Course #7 CHI410H5 Modern Chinese Literature

Resource implications: None. We currently have a 73% lecturer who teaches CHI courses.

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## Course #8 CHI411H5 Theory and Practice in English/Chinese Translation

Resource implications: None. There is a 73% lecturer in Language Studies who teaches CHI courses.

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## Course #9 CIN399Y5 Research Opportunity Program

Resource implications: No resource implications.

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## Course #10 CLA101H5 Introduction to Classical Civilization

Resource implications: No resource implications.

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## Course #11 CLA204H5 Introduction to Classical Mythology

Resource implications: No resource implications.

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## Course #12 CLA230H5 Introduction to Greek History

Resource implications: No resource implications.

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## Course #13 CLA233H5 Introduction to Roman Culture & Society

Resource implications: No resource implications.

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## Course #14 ENG100H5 Effective Writing

Resource implications: None

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**Course #15 ENG101H5 How to Read Critically**

Resource implications: None.

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**Course #16 ENG110Y5 Narrative: Literature and the Story**

Resource implications: None.

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**Course #17 ENG140Y5 Contemporary World Literatures**

Resource implications: None.

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**Course #18 ENG202Y5 British Literature, Medieval to Eighteenth Century**

Resource implications: None.

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**Course #19 ENG203Y5 British Literature: Romantic to Contemporary**

Resource implications: None.

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**Course #20 ENG205H5 Rhetoric**

Resource implications: None

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**Course #21 ENG206H5 Rhetorical Criticism**

Resource implications: None.

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**Course #22 ENG214H5 The Short Story Cycle**

Resource implications: None.

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**Course #23 ENG235H5 Comics and the Graphic Novel**

Resource implications: None.

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**Course #24 ENG238H5 Fantasy Literature**

Resource implications: None.

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**Course #25 ENG239H5 Horror Literature**

Resource implications: None.

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**Course #26 ENG259H5 Literature and Environmental Criticism**

Resource implications: None.

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**Course #27 ENG269H5 Queer Writing**

Resource implications: None.

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**Course #28 ENG270H5 Writing and Resistance: Decolonizing Literature**

Resource implications: None.

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**Course #29 ENG271H5 Toronto's Multicultural Literatures**

Resource implications: None.

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**Course #30 ENG274H5 Indigenous Literatures**

Resource implications: None.

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**Course #31 ENG275H5 Feminist Approaches to Literature**

Resource implications: None.

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**Course #32 ENG276H5 Fanfiction**

Resource implications: None.

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**Course #33 ENG279H5 Video Games**

**Resource implications:** Note that, ideally, students in this course will sometimes have access to a computer or other lab to allow them to research games. This would not be necessary for us to mount the course, however (instructors in our existing courses use YouTube videos instead).

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**Course #34 ENG289H5 Creative Writing**

Resource implications: None.

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**Course #35 ENG301H5 Making Love in the Sixteenth Century**

Resource implications: None.

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**Course #36 ENG307H5 Women Writers before Jane Austen**

Resource implications: None.

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**Course #37 ENG312H5 Special Topic in Medieval Literature**

Resource implications: None.

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**Course #38 ENG313H5 Special Topic in Early Modern British Literature**

Resource implications: None.

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**Course #39 ENG314H5 Special Topic in Eighteenth-Century British Literature**

Resource implications: None.

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**Course #40 ENG315H5 Special Topic in Nineteenth-Century British Literature**

Resource implications: None.

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**Course #41 ENG316H5 Special Topic in Modern and Contemporary Literature**

Resource implications: None.

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**Course #42 ENG320H5 Transforming Literature in the Sixteenth Century**

Resource implications: None.

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**Course #43 ENG321H5 Poetry and Prose 1600-1660**

Resource implications: None.

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**Course #44 ENG322Y5 The Rise of the Novel in the Eighteenth Century**

Resource implications: None.

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**Course #45 ENG324Y5 Victorian Fiction**

Resource implications: None.

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**Course #46 ENG325H5 The Victorian Novel**

Resource implications: None.

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**Course #47 ENG330H5 Medieval Drama**

Resource implications: None.

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**Course #48 ENG331H5 Elizabethan Drama**

Resource implications: None.

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**Course #49 ENG333H5 Modern Fiction to 1960**

Resource implications: None.

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**Course #50 ENG335H5 Jacobean Drama**

Resource implications: None.

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**Course #51 ENG336H5 Special Topic in Shakespeare**

Resource implications: None.

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**Course #52 ENG337H5 Restoration and Eighteenth-Drama**

Resource implications: None.

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**Course #53 ENG340H5 Modern Drama: Twentieth Century**

Resource implications: None.

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**Course #54 ENG341H5 Modern Drama: Late Twentieth-Century to Present Day or Since World War II**

Resource implications: None.

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**Course #55 ENG345H5 Victorian Poetry and Prose**

Resource implications: None.

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**Course #56 ENG349H5 Poetic Ruptures: Approaches to Contemporary Verse**

Resource implications: None.

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**Course #57 ENG350H5 Poetry and Modernism**

Resource implications: None.

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**Course #58 ENG358H5 Special Topic in Canadian Literature**

Resource implications: None.

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**Course #59 ENG366H5 Special Topic in American Literature**

Resource implications: None.

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**Course #60 ENG370H5 Global Literatures in English**

Resource implications: None.

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**Course #61 ENG371H5 Special Topic in World Literatures**

Resource implications: None.

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**Course #62 ENG381H5 Digital Texts**

**Resource implications:** Note that, ideally, students in this course will sometimes have access to a computer or other lab to allow them to work on coding and development; we can mount the course without these resources, however.

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**Course #63 ENG389Y5 Creative Writing Workshop**

Resource implications: None.

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**Course #64 ENG414H5 Seminar: Theory, Language, Methods**

Resource implications: None.

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**Course #65 ENG415H5 Seminar: Theory, Language, Methods**

Resource implications: None

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**Course #66 ENG416H5 Seminar: Theory, Language, Methods**

Resource implications: None.

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**Course #67 ENG424H5 Seminar: Canadian and Indigenous North American Literatures**

Resource implications: None.

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**Course #68 ENG425H5 Seminar: Canadian and Indigenous North American Literatures**

Resource implications: None.

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**Course #69 ENG426H5 Seminar: Canadian and Indigenous North American Literatures**

Resource implications: None

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**Course #70 ENG434H5 Seminar: American and Transnational Literatures**

Resource implications: None.

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**Course #71 ENG435H5 Seminar: American and Transnational Literatures**

Resource implications: None.

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**Course #72 ENG436H5 Seminar: American and Transnational Literatures**

Resource implications: None.

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**Course #73 ENG460H5 Seminar: British Literature to the 19th Century**

Resource implications: None.

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**Course #74 ENG461H5 Seminar: British Literature to the 19th Century**

Resource implications: None.

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**Course #75 ENG462H5 Seminar: British Literature to the 19th Century**

Resource implications: None.

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**Course #76 ENG463H5 Seminar: British Literature to the 19th Century**

Resource implications: None.

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**Course #77 ENG470H5 Seminar: Literature since the 18th Century**

Resource implications: None.

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**Course #78 ENG471H5 Seminar: Literature since the 18th Century**

Resource implications: None.

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**Course #79 ENG472H5 Seminar: Literature since the 18th Century**

Resource implications: None.

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**Course #80 ENG473H5 Seminar: Literature since the 18th Century**

Resource implications: None.

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**Course #81 FAH274H5 Renaissance Art and Architecture**

Resource implications: No resource implications.

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**Course #82 FAH287H5 European Art of the Nineteenth Century**

Resource implications: Working with IEC on the funding.

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**Course #83 FAH310H5 Introduction to the History and Theory of Curatorial Practice**

Resource implications: No resource implications.

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**Course #84 FAH337H5 Court Art and Patronage in the Middle Ages**

Resource implications: No resource implications.

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**Course #85 FAH343H5 Pilgrimage**

Resource implications: No resource implications

---

**Course #86 FAH351H5 Gothic Architecture**

Resource implications: No resource implications.

---

**Course #87 FAH399Y5 Research Opportunity Program (ROP)**

Resource implications: There are no resource implications

---

**Course #88 FAH423H5 Advanced Studies in the Art of the Medieval Mediterranean**



Resource implications: No resource implications.

---

**Course #89 FAH434H5 Art and Architecture of Medieval Rome**

Resource implications: No resource implications

---

**Course #90 FAH435H5 Women and Art in the Middle Ages**

Resource implications: No resource implications.

---

**Course #91 FAH460H5 Art and Animation**

Resource implications: No resource implications.

---

**Course #92 FAH498H5 Topics in Curatorial Studies**

Resource implications: Consultation made with the Library regarding minor implications.

---

**Course #93 FAS145H5 Painting I**

Resource implications: There are no resource implications.

---

**Course #94 FAS245H5 Painting II**

Resource implications: There are no resource implications

---

**Course #95 FAS258H5 Sculpture II**

Resource implications: There are no resource implications.

---

**Course #96 FAS345Y5 Painting III**

Resource implications: There are no resource implications.

---

**Course #97 FAS369Y5 Performance-Based Art**

Resource implications: There are no resource implications.

---

**Course #98 FAS445Y5 Individual Investigations in Painting**

Resource implications: There are no resource implications.

---

**Course #99 FRE283H5 Language Practice: Oral**

Resource implications: None.

---

**Course #100 FRE312H5 From the Gothic and Fantastic Novels to Realism in Québec**

Resource implications: None.

---

**Course #101 FRE316H5 Urban Attraction and the Québec Contemporary Novel**

Resource implications: None.

---

**Course #102 FRE320H5 French Literature of Classicism and Enlightenment**

Resource implications: None.

---

**Course #103 FRE325H5 Language Acquisition of French**

Resource implications: None.

---

**Course #104 FRE340H5 Reading and Interpreting French Literature: An Introduction to Literary Criticism**

Resource implications: None.

---

**Course #105 FRE345H5 Teaching and Learning French Since the 1970s**

Resource implications: None.

---

**Course #106 FRE352H5 Teaching French Grammar**

Resource implications: None.

---

**Course #107 FRE353H5 Teaching French Culture**

Resource implications: None.

---

**Course #108 FRE355H5 Psycholinguistics and Teaching and Learning French as a Second Language**

Resource implications: None.

---

**Course #109 FRE356H5 Studies in 17th-century French Literature**

Resource implications: None.

---

**Course #110 FRE357H5 Heroism and Love in the Middle Ages**

Resource implications: None.

---

**Course #111 FRE363H5 Reverie, Rejection and Romanticism in 19th Century French Literature and the Arts**

Resource implications: None.

---

**Course #112 FRE364H5 Representation of Real Life: Objectivity and Creative Activity in the Realist Novel**

Resource implications: None.

---

**Course #113 FRE365H5 Studies in 18th-century French Literature**

Resource implications: None.

---

**Course #114 FRE369H5 The French Novel Today**

Resource implications: None.

---

**Course #115 FRE370H5 Voices from No-Man's Land: Diaspora Writings in the 21st Century Francophone Literature**

Resource implications: None.

---

**Course #116 FRE372H5 History of the French Language I**

Resource implications: None.

---

**Course #117 FRE373H5 History of the French Language II**

Resource implications: None.

---

**Course #118 FRE376H5 French Phonology and Phonetics**

Resource implications: None.

---

**Course #119 FRE378H5 French Syntax**

Resource implications: None.

---

**Course #120 FRE380H5 Plurilingual Theatre : Developing Writing and Oral Skills in French**

Resource implications: None.

---

**Course #121 FRE382H5 Advanced Language Practice: Written French**

Resource implications: None.

---

**Course #122 FRE383H5 Advanced Language Practice: Oral**

Resource implications: None.

---

**Course #123 FRE387H5 French Morphology**

Resource implications: None.

---

**Course #124 FRE391H5 Women of the Francophone World**

Resource implications: None.

---

**Course #125 FRE393H5 French Cinéma: An Introduction**

Resource implications: None.

---

**Course #126 FRE397H5 Films of the Francophone World**

Resource implications: None.

---

**Course #127 FRE482H5 Creative Writing**

Resource implications: None.

---

**Course #128 FSL105H5 Functional French-Novice**

Resource implications: None.

---

**Course #129 FSL106H5 Functional French-Advanced Beginner**

Resource implications: None.

---

**Course #130 FSL205Y5 Functional French-Intermediate**

Resource implications: None.

---

**Course #131 FSL305Y5 Functional French-High Intermediate**

Resource implications: None.

---

**Course #132 FSL405H5 Functional French-Advanced I**

---

Resource implications: None.

---

**Course #133 FSL406H5 Functional French-Advanced II**

Resource implications: None.

---

**Course #134 HIS101H5 Introduction to History**

Resource implications: No resource implications.

---

**Course #135 HIS214H5 Comparative Genocide**

Resource implications: Resource allocations will be discussed with the Deans Office.

---

**Course #136 HIS221H5 Themes in Medieval History**

Resource implications: No resource implications.

---

**Course #137 HIS285H5 Politics of Asian Pacific War Memories**

Resource implications: Resource allocations will be discussed with the Deans Office.

---

**Course #138 HIS315H5 Indigenous Peoples and Immigrants in Canada**

Resource implications: No resource implications.

---

**Course #139 HIS357H5 The Renaissance**

Resource implications: No resource implications.

---

**Course #140 HIS386H5 Gender and History in South Asia**

Resource implications: No resource implications.

---

**Course #141 HIS410H5 Doing Digital History**

Resource implications: No resource implications.

---

**Course #142 HIS462H5 Indigenous North America**

Resource implications: No resource implications.

---

**Course #143 HIS463H5 Memory and Memorialization in South African History**

Resource implications: No resource implications.

---

**Course #144 ITA103H5 What TO Wear: Italian Fashion, from the Theatre to the Runway**

Resource implications: None.

---

**Course #145 ITA200Y5 Continuing Italian**

Resource implications: None.

---

**Course #146 ITA235H5 Cucina Italiana: Italian History and Culture Through Food**

Resource implications: None

---

**Course #147 LIN258H5 Introduction to Psycholinguistics and Language Acquisition**

Resource implications: None.

---

### **Course #148 LIN353H5 Discourse Analysis**

Resource implications: None. One of the Linguistics faculty members can teach this course.

---

### **Course #149 LIN358H5 Bilingualism and Multiple Language Acquisition**

Resource implications: None.

---

### **Course #150 LIN368H5 Talking Numbers: Interpretation and Presentation of Quantitative Linguistic Data**

Resource implications: None. Current Linguistics faculty can teach this course.

---

### **Course #151 LIN376H5 Introduction to Romance Linguistics**

Resource implications: None.

---

### **Course #152 LIN406H5 Language Diversity and Language Universals**

Resource implications: None.

---

### **Course #153 LIN409H5 The Structure of a Specific Language**

Resource implications: None. Any of the Linguistics faculty could teach this course.

---

### **Course #154 LIN410H5 Critical Reading and Writing in English Linguistics**

Resource implications: None.

---

### **Course #155 LIN456H5 Sociolinguistics and Second Language Teaching and Learning**

Resource implications: None.

---

### **Course #156 LIN460H5 Special Topics in Language Change**

Resource implications: None.

---

### **Course #157 LIN466H5 Topics in Creole Linguistics**

Resource implications: None.

---

### **Course #158 LIN468H5 Research Methods in Linguistics**

Resource implications: None.

---

### **Course #159 LIN474H5 Teaching and Learning Varieties of Canadian French**

Resource implications: None.

---

### **Course #160 PHL101H5 Introduction to Philosophy (I)**

**Resource implications:** One faculty member will teach this course in place of the first semester of PHL105Y5. (Normally we offer two sections of PHL105Y5 each year, with different faculty teaching each semester; so normally 4 faculty teach PHL105Y5 each year.) From the faculty's point of view there will be no change in their teaching assignments, and we will not offer PHL105Y5 and PHL101H5-PHL102H5 during the same academic year. THE MAJOR RESOURCE IMPLICATION IS THAT WE WILL NEED TA's TO STAFF ROUGHLY 12-15 TUTORIALS FOR EACH SECTION OF PHL101H5 AND PHL102H5. (Again, this is equal to our TA need for our current course PHL105Y5.) INITIALLY WE WILL OFFER THE 101-102 SEQUENCE ON A TRIAL BASIS TO SEE THE EFFECT ON ENROLMENTS. OUR PLAN IS TO OFFER 101 EVERY SEMESTER, AND 102 EVERY WINTER SEMESTER AND EVERY SUMMER.

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**Course #161 PHL102H5 Introduction to Philosophy (II)**

**Resource implications:** One faculty member will teach this course in place of the second semester of PHL105Y5. (Normally we offer two sections of PHL105Y5 each year, with different faculty teaching each semester; so normally 4 faculty teach PHL105Y5 each year.) From the faculty's point of view there will be no change in their teaching assignments, and we will not offer PHL105Y5 and PHL101H5-PHL102H5 during the same academic year. THE MAJOR RESOURCE IMPLICATION IS THAT WE WILL NEED TA's TO STAFF ROUGHLY 12-15 TUTORIALS FOR EACH SECTION OF PHL101H5 AND PHL102H5. (Again, this is equal to our TA need for our current course PHL105Y5.)

---

**Course #162 PHL202H5 Ancient Philosophy**

**Resource implications:** None.

---

**Course #163 PHL204H5 Philosophy in Everyday Life**

**Resource implications:** This course will be taught by regular Faculty and will not increase our total course offerings in an academic year.

---

**Course #164 PHL210Y5 17th and 18th Century Philosophy**

**Resource implications:** None.

---

**Course #165 PHL220H5 Existentialism**

**Resource implications:** None.

---

**Course #166 PHL221H5 Philosophy at the Movies**

**Resource implications:** This course will be taught by regular Faculty and will not increase our total course offerings in an academic year.

---

**Course #167 PHL235H5 Philosophy of Religion**

**Resource implications:** None.

---

**Course #168 PHL240H5 Minds and Machines**

**Resource implications:** None.

---

**Course #169 PHL241H5 Freedom and Determinism**

**Resource implications:** None.

---

**Course #170 PHL242H5 Science Fiction and Philosophy**

**Resource implications:** None.

---

**Course #171 PHL244H5 Human Nature**

**Resource implications:** None.

---

**Course #172 PHL245H5 Modern Symbolic Logic**

**Resource implications:** None.

---

**Course #173 PHL246H5 Probability and Inductive Logic**

**Resource implications:** None.

---

**Course #174 PHL247H5 Critical Reasoning**

Resource implications: None

---

**Course #175 PHL255H5 Philosophy of Science**

Resource implications: None

---

**Course #176 PHL258H5 Puzzles and Paradoxes**

Resource implications: None.

---

**Course #177 PHL265H5 Social and Political Philosophy**

Resource implications: None.

---

**Course #178 PHL267H5 Feminism**

Resource implications: None.

---

**Course #179 PHL271H5 Ethics and the Law**

Resource implications: None.

---

**Course #180 PHL272H5 Philosophy of Education**

Resource implications: None.

---

**Course #181 PHL273H5 Environmental Ethics**

Resource implications: None.

---

**Course #182 PHL274H5 Ethics and Society**

Resource implications: None.

---

**Course #183 PHL275H5 Ethics and Moral Philosophy**

Resource implications: None.

---

**Course #184 PHL277Y5 Moral, Social and Political Philosophy Through Its History**

Resource implications: None.

---

**Course #185 PHL282H5 Ethics: Death and Dying**

Resource implications: None.

---

**Course #186 PHL283H5 Bioethics**

Resource implications: None.

---

**Course #187 PHL284H5 Ethics of Eating**

Resource implications: None

---

**Course #188 PHL285H5 Philosophy of Art**

Resource implications: None.

---

**Course #189 PHL290H5 Philosophical Issues in Psychoanalysis**

Resource implications: None

---

**Course #190 PHL295H5 Philosophy of Business**

Resource implications: None.

---

**Course #191 PHL299Y5 Research Opportunity Program**

Resource implications: None.

---

**Course #192 PHL300H5 Topics in Ancient Philosophy**

Resource implications: None.

---

**Course #193 PHL301H5 The Philosophy of Plato**

**Resource implications:** This course will be taught by regular Faculty and will not increase our total course offerings in an academic year.

---

**Course #194 PHL302H5 The Philosophy of Aristotle**

**Resource implications:** This course will be taught by regular Faculty and will not increase our total course offerings in an academic year.

---

**Course #195 PHL307H5 Topics in Mediaeval Philosophy**

Resource implications: None.

---

**Course #196 PHL313H5 Topics in 17th and 18th Century Philosophy**

Resource implications: None.

---

**Course #197 PHL314H5 Kant**

Resource implications: None.

---

**Course #198 PHL315H5 Topics in Nineteenth Century Philosophy**

Resource implications: None.

---

**Course #199 PHL324H5 The Continental Tradition**

Resource implications: None.

---

**Course #200 PHL325H5 Early Analytic Philosophy**

Resource implications: None.

---

**Course #201 PHL327H5 Later Analytic Philosophy**

Resource implications: None.

---

**Course #202 PHL332H5 Issues in Metaphysics**

Resource implications: None.

---

**Course #203 PHL333H5 Issues in Epistemology**

Resource implications: None.

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**Course #204 PHL340H5 Philosophy of Mind**

Resource implications: None.

---

**Course #205 PHL346H5 Philosophy of Logic and Mathematics**

Resource implications: None.

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**Course #206 PHL348H5 Metalogic**

Resource implications: None.

---

**Course #207 PHL350H5 Philosophy of Language**

Resource implications: None.

---

**Course #208 PHL355H5 Issues in Philosophy of Science**

Resource implications: None.

---

**Course #209 PHL358H5 Philosophical Issues in Cognitive Science**

Resource implications: None

---

**Course #210 PHL365H5 Issues in Political Philosophy**

Resource implications: None.

---

**Course #211 PHL375H5 Issues in Moral Philosophy**

Resource implications: None.

---

**Course #212 PHL400H5 Seminar in Ancient and Medieval Philosophy**

Resource implications: None.

---

**Course #213 PHL416H5 Seminar in 17th and 18th Century Philosophy**

Resource implications: None.

---

**Course #214 PHL420H5 Seminar in 19th and 20th Century Philosophy**

Resource implications: None.

---

**Course #215 PHL430H5 Seminar in Metaphysics and Epistemology**

Resource implications: None.

---

**Course #216 PHL440H5 Seminar in the Philosophy of Mind**

Resource implications: None.

---

**Course #217 PHL475H5 Seminar in Moral and Political Philosophy**

Resource implications: None.

---

**Course #218 PHL489Y5 The Socrates Project**

Resource implications: None.

---

**Course #219 PHL495H5 Special Seminar: Philosophical Problems**

Resource implications: None.

---

**Course #220 RLG101H5 Introduction to the Study of Religion**

Resource implications: No resource implications.

---

**Course #221 RLG202H5 Introduction to Judaism**

Resource implications: No resource implications.

---

**Course #222 RLG203H5 Introduction to Christianity**

Resource implications: No resource implications.

---

**Course #223 RLG204H5 Introduction to Islam and Muslim Civilizations**

Resource implications: No resource implications.

---

**Course #224 RLG205H5 Introduction to South Asian Religions**

Resource implications: No resource implications.

---

**Course #225 RLG206H5 Introduction to Buddhism**

Resource implications: No resource implications.

---

**Course #226 RLG207H5 Introduction to Sikhism**

Resource implications: No resource implications.

---

**Course #227 RLG208H5 Introduction to Zoroastrianism**

Resource implications: No resource implications.

---

**Course #228 RLG209H5 Introduction to Indigenous Traditions**

Resource implications: No resource implications.

---

**Course #229 RLG301H5 Fetish, Totem, Idol: Theorizing Material Religion**

Resource implications: No resource implications.

---

**Course #230 RLG303H5 Islam in South Asia**

Resource implications: No resource implications.

---

**Course #231 RLG308H5 Monuments, Inscriptions, and Narratives in South Asia**

Resource implications: No resource implications.

---

**Course #232 RLG314H5 Religion and Gender**

Resource implications: No resource implications.

---

**Course #233 RLG316H5 Religion and Violence**

Resource implications: No resource implications.

---

**Course #234 RLG332H5 Reel Religion**

Resource implications: No resource implications.

---

**Course #235 RLG362H5 Mediating Hinduism**

Resource implications: No resource implications.

---

**Course #236 RLG382H5 The Divine Comedy: A Spiritual Journey**

Resource implications: No resource implications.

---

**Course #237 VCC236H5 North American Consumer Culture: 1890-Present**

Resource implications: There are no resource implications.

---

**Course #238 VCC304H5 Visual Culture and the Politics of Identity**

Resource implications: There are no resource implications

---

**Course #239 VST410H5 Internship in the Arts and Visual Studies**

Resource implications: There are no resource implications

---

**Course #240 WGS205H5 Introduction to Feminism and Popular Culture**

Resource implications: No resource implications.

---

**Course #241 WGS210H5 Women and Work in Contemporary Canada**

Resource implications: No resource implications.

---

**Course #242 WGS250H5 Women in Families**

Resource implications: No resource implications.

---

**Course #243 WGS345H5 Genealogies of South Asian Feminisms**

Resource implications: No resource implications.

---

**Course #244 WGS347H5 Indigenous Feminisms and Decolonization**

Resource implications: No resource implications.

---

**Course #245 WGS369Y5 Gender, Colonialism and Postcolonialism**

Resource implications: No resource implications.

---

**Course #246 WGS372H5 Theories of Sexuality**

Resource implications: No resource implications.

---

**Course #247 WGS420H5 Engendering Human Rights**

Resource implications: Working with IEC regarding funding.

---

**Course #248 WGS430H5 Diasporic Sexualities**

**Resource implications:** No resource implications.

---

**Course #249 WGS455H5 Queer Theory**

**Resource implications:** No resource implications.

---

**Course #250 WGS470H5 Feminism and Popular Culture**

**Resource implications:** No resource implications.

---

**Course #251 utm112H5 utmONE: Power of Expression**

**Resource implications:** There are no resource implications.

---

**Course #252 utm115H5 utmONE: Communication Among Cultures**

**Resource implications:** There are no resource implications.

---

**Course #253 utm116H5 utmONE: Happiness**

**Resource implications:** There are no resource implications as this course will replace a course that was offered this year.

---

**Course #254 utm117H5 utmONE: Individualism, The Development Of An Idea**

**Resource implications:** None as this course is replacing an existing offering.

---

# Deleted Courses

---

## Course #1 CHI201Y5 Intermediate High Chinese

**Rationale:** The assessment of CHI201Y questionnaire of CHI201Y has shown that the level of the language proficiency of students in CHI201Y is very different. Some of them has higher proficiency in speaking, reading and writing of Mandarin or any dialects of Chinese language; while the others speak Mandarin or any dialects of Chinese language but they do not have literacy knowledge of Mandarin or any dialects of Chinese language. By dividing CHI201Y into two half courses: CHI201H and CHI202H, we can put the students in the appropriate course based on the level of their proficiency and literacy knowledge.

---

## Course #2 CLA320H5 The Etruscans

**Rationale:** The course has not been taught since 2010 and no longer plays a role in our current curriculum planning. It would be helpful to delete the course as its presence in the calendar continues to confuse students, who expect the course to be taught regularly.

---

## Course #3 CLA348H5 Egypt in the Graeco-Roman World

**Rationale:** The course has not been taught since 2010 and no longer plays a role in our current curriculum planning. It would be helpful to delete the course as its presence in the calendar continues to confuse students, who expect the course to be taught regularly.

---

## Course #4 ENG266H5 The English Vocabulary: Its History, Structure and Meaning

**Rationale:** UTM English has shifted its focus away from the history of English language, towards the historicist, formal, and theorized study of literature and new courses that cover innovative, new literary genres and media for literary expression; and issues of diversity and equity in the study of literature. This course does not fit that emphasis (and has not been offered for some time).

---

## Course #5 ENG270Y5 Colonial and Post-colonial Writing

**Rationale:** We are reweighting this course H, giving it a new course code, and retitling it, but keeping the existing description: this Y version is therefore redundant.

---

## Course #6 ENG328Y5 Modern Fiction to 1960

**Rationale:** We are reweighting this course H, giving it a new course code, and retitling it, but keeping the existing description: this Y version is therefore redundant.

---

## Course #7 ENG347Y5 Victorian Poetry and Prose

**Rationale:** We are reweighting this course H, giving it a new course code, and retitling it, but keeping the existing description: this Y version is therefore redundant.

---

## Course #8 ENG348Y5 Modern Poetry to 1960

**Rationale:** We are reweighting this course H, giving it a new course code, and retitling it, but keeping the existing description: this Y version is therefore redundant.

---

# Renumbered Courses

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## Course #1 PHL247H5 Critical Reasoning

**Before:** *PHL145H5*

**After:** *PHL247H5*

**Rationale:** This is a course in informal logic and principles of reasoning. It is not a general introduction to philosophy but rather somewhat specialized, like our other 200-level courses.

---

## Course #2 WGS372H5 Theories of Sexuality

**Before:** *WGS450H5*

**After:** *WGS372H5*

**Rationale:** Currently there are three courses offered in the Women and Gender Studies program that focus on the broad field of Sexuality Studies at the fourth year: WGS450H5 Theories of Sexuality; WGS430H5 Diasporic Sexualities; WGS455H5 Queer Theory. Students take WGS101H5 Introduction to Women and Gender Studies and then are introduced to Sexuality Studies in the fourth year. By changing (WGS450H5) from a 4th year to the 3rd year course, students will be able to receive the theoretical foundation for the 4th year courses. The proposed change will also address the gap in 3rd year courses in the area of Sexuality Studies.

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# Courses - Description Changes

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## Course #1 CCT314H5 Mind, Media and Representation

**Before:** This course ~~will examine philosophical questions surrounding the nature of representation in language, mind and art.~~ Questions to be examined include: ~~How can one thing represent something else? What is the difference between representation by words and representation by pictures? Do we think in a "language of thought"?~~ [24L, 12T]

**After:** This course applies a variety of theoretical and practical approaches to consider the multiple and often conflicting ways representations in media are produced and consumed. The study of representations is approached from the perspective that they are best understood as both discursive and ideological. Questions to be examined include: What does it mean for historical and contemporary representations to carry economic, ideological and discursive power? To what extent do audiences hold power to resist or negotiate with representations? How might we interrogate the notion that we live in a post-feminist, post-racialized society in which older ideas about gender, race and power no longer apply or need re-thinking? [24L, 12T]

**Rationale:** This description reflects the current course focus and design.

---

## Course #2 CCT451H5 Digital Media: Advanced Audio Production (SH)

**Before:** This course explores how to design and produce a soundtrack for film or television. The foundations of technical theory and nomenclature will be provided, as well as aesthetic guidelines. Practical exercises will explore: voice recording, use of library sound effects, creative sound design, sound editing and processing technology and soundtrack mixing. **[24L, 12P]**

**After:** This course explores how to design and produce a soundtrack for film or television. The foundations of technical theory and nomenclature will be provided, as well as aesthetic guidelines. Practical exercises will explore: voice recording, use of library sound effects, creative sound design, sound editing and processing technology and soundtrack mixing. **[36P]**

**Rationale:** Updating hours of instruction in calendar.

---

## Course #3 CHI310H5 Business Chinese

**Before:** This advanced level course introduces practical uses of spoken and written Mandarin Chinese in business contexts. ~~Students will improve their reading comprehension, strengthen their writing ability and advance their communication and presentation skills through a variety of class activities and projects in this course. Interviews maybe required for students who wish to enroll in this course.~~

**After:** This advanced level language course introduces practical uses of spoken and written Mandarin Chinese in business contexts. By accomplishing a variety of class activities and course projects, students will improve their reading comprehension competence, strengthen their writing ability, and advance their communication and presentation skills. In addition, students will acquire introductory knowledge about and practice basic techniques of translation between English and Mandarin Chinese in business contexts.

**Rationale:** Provide a more details as to the nature of the course and its expected outcomes.

---

## Course #4 CLA101H5 Introduction to Classical Civilization

**Before:** An introduction to ancient Greco-Roman civilization that highlights some of the most salient artistic, cultural, historical, and social achievements of these two societies. **[36L]**

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

**Rationale:** This courses has always been taught with tutorials, but the calendar lists contact hours as 36L. It was previously listed in this format to allow the course to be taught during the summer without tutorials.

---

## Course #5 CLA204H5 Introduction to Classical Mythology

**Before:** A survey of the myths and legends of the ancient Greek and Roman Mediterranean world in ancient art and literature. Consideration may also be given to their reception in modern art and literature and some modern theories of myth. **[36L]**

**After:**

A survey of the myths and legends of the ancient Greek and Roman Mediterranean world in ancient art and literature. Consideration may also be given to their reception in modern art and literature and some modern theories of myth.

**[24L, 10T]**

**Rationale:** This courses has always been taught with tutorials, but the calendar lists contact hours as 36L. It was previously listed in this format to allow the course to be taught during the summer without tutorials.

---

### Course #6 CLA230H5 Introduction to Greek History

**Before:** An introduction to the diverse history of the Greek world, tracing mainly political but also social developments from the Bronze Age of the mid-second millennium BCE to the first century CE. **[36L]**

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

**Rationale:** This courses has always been taught with tutorials, but the calendar lists contact hours as 36L. It was previously listed in this format to allow the course to be taught during the summer without tutorials.

---

### Course #7 CLA233H5 Introduction to Roman Culture & Society

**Before:** An introduction to the cultural and social history of ancient Rome and those living in the Roman world. Topics may vary from year to year but include daily life and demography, the Roman family, gender and sexuality, the Roman political system and the army, religion, Roman entertainments (the circus, gladiatorial games, the theatre), and Latin **literature.[36L]**

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

**Rationale:** This courses has always been taught with tutorials, but the calendar lists contact hours as 36L. It was previously listed in this format to allow the course to be taught during the summer without tutorials.

---

### Course #8 ENG325H5 The Victorian Novel

**Before:** This course ~~explores forms of realism~~ in Victorian ~~fiction~~ and ~~includes at least six~~ novels ~~by such authors as~~ Dickens, Thackeray, ~~George Eliot, Charlotte~~ Bronte, Gaskell, Collins, ~~Trollope~~ and ~~Hardy~~. **[36L]**

**After:** This course surveys several major novels in order to understand the genre that came to dominate literary culture in the Victorian era. Topics may include realism, the marriage plot, the social-problem novel, feminism and sexual identity, novels of growing up, the city, and seriality. Authors may include Dickens, Thackeray, E. Bronte, C. Bronte, Gaskell, Trollope, Eliot, Collins, Hardy, Gissing, and Wilde, among others.

**Rationale:** The existing description specifies that at least six novels should be covered, when it's in fact impracticable to teach more than five Victorian novels in a single semester. We also want to have an H course on the books that covers Victorian fiction as an alternative to the Y course on Victorian novels ENG324Y5.

---

### Course #9 ENG389Y5 Creative Writing Workshop

**Before:** Restricted to students who in the opinion of the Department show special aptitude. ~~[48S]~~

**After:** The course allows students to workshop their own creative projects with the instructor and their peers. Restricted to students who in the opinion of the Department show special aptitude. Detail requirements will appear on the Department website in advance of this date. Students should contact the instructor or the Undergraduate Advisor for more information.

**Rationale:** The new description describes the difference between this and our new 200-level creative writing course.

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### Course #10 FAH287H5 European Art of the Nineteenth Century

**Before:**

**After:** ***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.***

**Rationale:** Adding new language about international experience under the UTM Abroad program.

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## Course #11 FAS145H5 Painting I

**Before:** *This course is an exploration of the* techniques and subject matter of 20th-century painting in relation to contemporary painting practices. Students *work with* both observational and conceptual approaches through experimentation with painting's formal elements, traditional and non-traditional painting materials, *montage*, and abstraction. [72P]

**After:** *Students explore* techniques and subject matter of 20th-century painting in relation to contemporary painting practices. Students *apply* both observational and conceptual approaches through experimentation with painting's formal elements, traditional and non-traditional painting materials, *collage*, and abstraction. [72P]

**Rationale:** Sheridan are updating their course descriptions.

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## Course #12 FAS245H5 Painting II

**Before:** ~~This course is a continuation of FAS145H. Illustrated~~ discussion/lectures ~~present~~ Canadian and international contemporary painting ~~practices to contextualize assigned, 3-week projects.~~ Students are introduced to in-depth ~~group~~ critiques, a range of painting media and techniques, and portfolio documentation. [72P]

**After:** Students complete problem-based paintings, each over a three-week period, in response to illustrated discussion/lectures on Canadian and international contemporary painting practices. Students write visiting artist reviews and are introduced to in-depth peer critiques, a range of painting media and techniques, and portfolio documentation. [72P]

**Rationale:** Sheridan are updating their course descriptions.

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## Course #13 FAS258H5 Sculpture II

**Before:** ~~A continuation of FAS248H.~~ Students begin ~~with armature~~ building and ~~modeling~~ with ~~clay~~. Using mold making and woodworking techniques, students ~~learn to address~~ the sculptural aspects of space and time at the scale of the human body. ~~Illustrated presentations of historical and contemporary sculpture practices contextualize the skills learned and concepts addressed, alongside readings, discussions and critiques.~~[72P]

**After:** Students create a strong individualized methodology for developing ideas from initial research, sketches and models, through material and process exploration to a final artwork. Students begin by building an armature and modelling from life with clay in order to develop their powers of observation and hand-skills. Using mold making and woodworking techniques, students apply the sculptural aspects of space and time at the scale of the human body. [72P]

**Rationale:** Sheridan are updating their course descriptions.

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## Course #14 FAS345Y5 Painting III

**Before:** ~~This course is a continuation of FAS 245H.~~ Students develop independent research habits to support self-directed projects in painting that are ~~reviewed~~ in a critique setting. ~~Also included are demonstrations of painting media and gallery visits. Artist statement, gallery~~ and visiting artist reviews, contemporary Canadian or international artist presentation, ~~as well as portfolio documentation are required.~~[144P]

**After:** Students develop independent research habits to support self-directed projects in painting that are discussed in a peer critique setting. Students compose an artist statement of their intentions and procedures, write gallery and visiting artist reviews, prepare a contemporary Canadian or international artist presentation, and document their artwork. [144P]

**Rationale:** Sheridan are updating their course descriptions.

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## Course #15 FAS369Y5 Performance-Based Art

**Before:** ~~Studies in this advanced level course~~ integrate history, theory and production ~~and are designed to assist students to~~ develop ~~a~~ critically informed performance ~~practice~~ with documentation in video and still photography. ~~Illustrated presentations of a range of performance art practices contextualize the skills learned and concepts addressed, alongside readings, discussions and critiques.~~[144P]

**After:** Students integrate history, theory and production to develop critically informed performance practices with documentation in video and still photography. [144P]

**Rationale:** Sheridan are updating their course descriptions.

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## Course #16 FAS445Y5 Individual Investigations in Painting

**Before:** ~~This course is a continuation of FAS245Y. Students develop a cohesive body of self-directed work reflecting an understanding of contemporary and historical painting. Regular critiques are supplemented by gallery visits, and an introduction to professional practices and art criticism. Artist statement, gallery and visiting artist reviews, contemporary Canadian or international artist presentation, as well as portfolio documentation required.~~ [144P]

**After:** Students develop independent research habits to support self-directed projects in painting that are discussed in a peer critique setting. Students write an artist statement of their intentions and procedures, prepare a Canadian and international MFA program presentation, and document their artwork. [144P]

**Rationale:** Sheridan are updating their course descriptions.

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### Course #17 FRE283H5 Language Practice: Oral

**Before:** Intensive practice of oral production and aural comprehension of French for students who seek to enhance their oral skills. The course provides students with the skills and vocabulary necessary **to be functional** in daily **conversations**. Focus on spontaneous speech, formal and informal interactions, as well as presentation skills.

**After:** Intensive practice of oral production and aural comprehension of French for students who seek to enhance their oral skills. The course provides students with the skills and vocabulary necessary in daily **conversations and for an understanding of Francophone culture through exposure to songs, radio, interviews, story telling, etc** Focus on spontaneous speech, formal and informal interactions, as well as presentation skills.

**Rationale:** The absence of a clear definition of an explicit exclusion has created confusion among students. This course aims to allow oral production and comprehension component that FRE280Y no longer teaches, thus making FRE280Y a co-requisite will give a wider range of learning opportunities to students. FSL305Y is added as a prerequisite to open more opportunities to French minor students and provide a bridge between FSL and FRE courses.

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### Course #18 FRE383H5 Advanced Language Practice: Oral

**Before:** This course offers a consolidation of oral ~~production and~~ aural comprehension that ~~develop~~ communication skills in various ~~cultural~~ contexts and authentic situations. Projects and activities are designed to enable students to ~~acquire diverse~~ types of oral communication ~~skills~~. [24L, 12P]

**After:** This course offers a consolidation of oral production, aural comprehension and mastery of topic-specific vocabulary that enhance communication skills in various academic contexts and authentic situations. Projects and activities are designed to enable students to develop various types of oral communication skills necessary in formal and academic settings such as professional interview and public speech. [24L, 12P]

**Rationale:** The new description describes more clearly the progression from FRE283H5 to FRE383H5. A clearer description of exclusions is necessary not only to avoid confusion but also to insure more homogeneous level of competences among students in the course.

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### Course #19 HIS101H5 Introduction to History

**Before:** This writing-intensive course introduces ~~Historical Studies through a variety of exercises that will allow~~ students to ~~read models of good writing and to practise the integration of successful strategies into their own work. After a basic overview of the disciplines of Classics, Diaspora and Transnational Studies History, History of Religions and Women and Gender Studies, students will try different tools and approaches for developing the skills useful at every stage of the creative process from pre-writing and preliminary research through to editing and undergraduate publication. Each year will focus on a particular historical event that will appear as a recurring theme in readings and assignments.~~ [24L, 10T]

**After:** This writing-intensive course introduces students to world history as well as to the research and writing skills that are part of the historian s craft. [24L, 10T]

**Rationale:** As HIS101H5 has changed over the years to accommodate new directions in the department s course offerings, its old description is no longer an accurate reflection of what the course currently seeks to accomplish. In particular, it is no longer a preparation for other courses in Historical Studies outside of the History program (Classical Civilization, History of Religions, Women and Gender Studies) and is now a History course.

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### Course #20 HIS221H5 Themes in Medieval History

**Before:** This course is a brief survey of European history from the late Roman Empire to the fifteenth century emphasizing select themes that created the shape of medieval civilization and influenced developments in subsequent centuries. [24L]

**After:** This course is a brief survey of European history from the late Roman Empire to the fifteenth century emphasizing select

themes that created the shape of medieval civilization and influenced developments in subsequent centuries. **[24L, 10T]**

**Rationale:** The HIS220Y5: The Shape of Medieval Society lecture and tutorial deleted from calendar in 2015. Instead, we will be offering the H-length Themes course. Students need the tutorials at the 2nd year to build skills in critical analysis and historical thinking. The tutorials for this course replace the tutorials for the Y course, and will bring this course into line with our other 200-level offerings in History.

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### Course #21 HIS285H5 Politics of Asian Pacific War Memories

**Before:** This course examines how Japan, China, Taiwan, Korea and the US try to remember the Asian Pacific War. It **will** particularly **focus** the bitterly contested representations of war atrocities such as the Nanjing Massacre, the comfort women system, and the bombings of Hiroshima and **Nagasaki.**[24L]

**After:** This course examines how Japan, China, Taiwan, Korea and the US try to remember the Asian Pacific War. It **focuses** particularly **on** the bitterly contested representations of war atrocities such as the Nanjing Massacre, the comfort women system, and the bombings of Hiroshima and **Nagasaki.**[24L, 10T]

**Rationale:** This course was introduced in the 2016-2017 calendar but the listing did not include the tutorials in error.

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### Course #22 HIS357H5 The Renaissance

**Before:** A cultural history of the 15th and 16th centuries set against the socio-economic background. The course will **conceptrate** upon the development of the Renaissance in Italy and will deal with its manifestations in Northern Europe. [24L]

**After:** A cultural history of the 15th and 16th centuries set against the socio-economic background. The course will **concentrate** upon the development of the Renaissance in Italy and will deal with its manifestations in Northern Europe. [24L]

**Rationale:** Correction of a spelling error in the course description.

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### Course #23 ITA200Y5 Continuing Italian

**Before:** This course consists of a thorough review of grammatical structures and is designed to improve the students' self-expressiveness in Italian. Selections from contemporary authors and passages dealing with present-day issues are used as a basis for discussion in Italian. **For students whose background in Italian is solely academic.** [48L, 24P]

**After:** This course consists of a thorough review of grammatical structures and is designed to improve the students' self-expressiveness in Italian. Selections from contemporary authors and passages dealing with present-day issues are used as a basis for discussion in Italian. [48L, 24P]

**Rationale:** Updated course description. Previous course description included inaccurate information.

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### Course #24 ITA235H5 Cucina Italiana: Italian History and Culture Through Food

**Before:** (Offered in English) This course describes the history of food in Italy, throughout the centuries. The course will ~~also analyze the -formation of different regional -traditions. The -historical, cultural and linguistic culinary traditions -will be illustrated by a series of -pertinent literature on the topic. Special attention will be dedicated to the -relationship that existed between the various cultures who controlled the country (pre Resurgence) and -the traditions and recipes left in their wake (post Unification). In addition, the course will~~ examine the effects that Italian ~~immigration had in North America, especially on the Canadian and American-~~culinary ~~experience.~~ Students will also have the opportunity to investigate and explore their own ~~regional~~ (Italian or otherwise) culinary ~~history.~~ [24L]

**After:** (Offered in English) This course describes the history of food in Italy, throughout the centuries. The course will chart the regional diversity of Italian food and examine various factors (early settlers, wars, migratory trends) that have shaped Italian culinary traditions. Students will also have the opportunity to investigate and explore their own (Italian or otherwise) culinary practices. 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. [24L]

**Rationale:**

This course fulfills the requirements of an experiential education course:  
1. Min 20 hours of traditional experiential learning for a 1.0 credit;

2. Courses with substantive hands on productive activities where students engage with their environment and reflect upon those activities;
3. Courses that involve field trips where students gather data and conduct experiments;
4. Courses that have students work in teams to produce blogs/podcasts/social media campaigns.

Consultations with both the International Education Centre and the Experiential Education Office have taken place. Course description changed to reflect the addition of a co-curricular, experiential education opportunity specifically related to this course.

### Course #25 LIN258H5 Introduction to Psycholinguistics and Language Acquisition

- Before:** This course is a general introduction to psycholinguistics and language acquisition. It covers topics such as the neurobiological basis of language, the mental lexicon, memory, speech production/perception, sentence comprehension, and first/second language acquisition and bilingualism. The course includes a tutorial introducing students to the methods and tools used for quantitative research in psycholinguistics and language acquisition. [24L, 12T]
- After:** This course is a general introduction to psycholinguistics and language acquisition. It covers topics such as the neurobiological basis of language, the mental lexicon, memory, speech production/perception, sentence comprehension, and first/second language acquisition and bilingualism. The course includes a tutorial introducing students to the methods and tools used for quantitative research in psycholinguistics and language acquisition. **Suggested companion course: FRE355H5.** [24L, 12T]
- Rationale:** The suggestion of a companion course encourages students who take this course to consider taking a related course in FRE, if they have the language skills. Such cross-referencing fosters synergy among the disciplines in our department and facilitates deeper learning in our students.

### Course #26 LIN358H5 Bilingualism and Multiple Language Acquisition

- Before:** This course examines simultaneous and successive second (and multiple) language acquisition by children. We will look at such topics as the bilingual brain, the nature of the input, age constraints on language acquisition, language separation and cross-linguistic influences, schooling in a second language, and various methods used in the study of bilingualism in individuals. [24L, 12T]
- After:** This course examines simultaneous and successive second (and multiple) language acquisition by children. We will look at such topics as the bilingual brain, the nature of the input, age constraints on language acquisition, language separation and cross-linguistic influences, schooling in a second language, and various methods used in the study of bilingualism in individuals. **Suggested companion course: FRE325H5.** [24L, 12T]
- Rationale:** The suggestion of a companion course encourages students who take this course to consider taking a related course in FRE, if they have the language skills. Such cross-referencing fosters synergy among the disciplines in our department and facilitates deeper learning in our students.

### Course #27 LIN376H5 Introduction to Romance Linguistics

- Before:** This course explores the linguistic features and characteristics of major Romance languages such as French, Italian, Spanish and Romanian. Attention will be given to the phonological, morphological and syntactic components of the languages to be studied, with emphasis on both similarities and **differences.** [24L, 12T]
- After:** This course explores the linguistic features and characteristics of major Romance languages such as French, Italian, Spanish and Romanian. Attention will be given to the phonological, morphological and syntactic components of the languages to be studied, with emphasis on both similarities and **differences and how their features evolved from a common ancestor, Latin. No prior knowledge of Latin or a Romance language is necessary. Suggested companion courses: FRE372H5, FRE373H5, ITA437Y5.** [24L, 12T]
- Rationale:** The suggestion of the two companion courses encourages students who take this course to consider taking related courses in FRE and ITA, if they have the language skills. Such cross-referencing fosters synergy among the disciplines in our department and facilitates deeper learning in our students. Change to course description indicates the diachronic emphasis of the course and underlines that no prior knowledge of the languages is necessary.

### Course #28 PHL300H5 Topics in Ancient Philosophy

- Before:** A study of some topic or thinker in the ancient period. **[36S]**

**After:** A study of some topic or thinker in the ancient period.  
**Rationale:** To be replaced by PHL301H5 and PHL302H5  
Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #29 PHL307H5 Topics in Mediaeval Philosophy

**Before:** A study of some of the principal figures and intellectual problems in the period from the first century to the sixteenth. Figures such as Philo, Augustine, Abelard, Avicenna, Maimonides, Aquinas, Duns Scotus, Ockham and Suarez will be studied on topics in metaphysics, epistemology, ethics and philosophy of nature. **[36S]**  
**After:** A study of some of the principal figures and intellectual problems in the period from the first century to the sixteenth. Figures such as Philo, Augustine, Abelard, Avicenna, Maimonides, Aquinas, Duns Scotus, Ockham and Suarez will be studied on topics in metaphysics, epistemology, ethics and philosophy of nature.  
**Rationale:** Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #30 PHL313H5 Topics in 17th and 18th Century Philosophy

**Before:** A study of a topic or thinker in the 17th or 18th century. **[36S]**  
**After:** A study of a topic or thinker in the 17th or 18th century.  
**Rationale:** Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #31 PHL314H5 Kant

**Before:** A systematic study of The Critique of Pure Reason. **[36S]**  
**After:** A systematic study of The Critique of Pure Reason.  
**Rationale:** Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #32 PHL315H5 Topics in Nineteenth Century Philosophy

**Before:** A study of some topic or thinker in the 19th century. **[36S]**  
**After:** A study of some topic or thinker in the 19th century.  
**Rationale:** Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #33 PHL324H5 The Continental Tradition

**Before:** A study of recent traditions of continental philosophy such as phenomenology, existentialism, hermeneutics, critical theory, structuralism and post-structuralism. Figures such as Husserl, Heidegger, Sartre, the Frankfurt school, Lacan, Foucault, Deleuze and Derrida. **[36S]**  
**After:** A study of recent traditions of continental philosophy such as phenomenology, existentialism, hermeneutics, critical theory, structuralism and post-structuralism. Figures such as Husserl, Heidegger, Sartre, the Frankfurt school, Lacan, Foucault, Deleuze and Derrida.  
**Rationale:** Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #34 PHL325H5 Early Analytic Philosophy

**Before:** An examination of some of the classic texts of early analytic philosophy, concentrating on the work of Frege, Russell and Wittgenstein. Central topics to be covered include: the development of logic and its relation to arithmetic; the nature of language and meaning; truth and objectivity; the distinction between sense and reference; logical analysis; the relation between language and thought; and the bounds of intelligibility. **[36S]**  
**After:** An examination of some of the classic texts of early analytic philosophy, concentrating on the work of Frege, Russell and Wittgenstein. Central topics to be covered include: the development of logic and its relation to arithmetic; the nature of language and meaning; truth and objectivity; the distinction between sense and reference; logical analysis; the relation between language and thought; and the bounds of intelligibility.  
**Rationale:** Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #35 PHL327H5 Later Analytic Philosophy

**Before:** An examination of the later analytic tradition from logical positivism to Kripke. The course will cover some of the following topics: meaning and verifiability; the relation between science and philosophy; ordinary language and philosophy; the nature and status of the analytic-synthetic distinction; meaning and theories of meaning; theories of truth; the nature of necessity; and reference and identity. **[36S]**

**After:** An examination of the later analytic tradition from logical positivism to Kripke. The course will cover some of the following topics: meaning and verifiability; the relation between science and philosophy; ordinary language and philosophy; the nature and status of the analytic-synthetic distinction; meaning and theories of meaning; theories of truth; the nature of necessity; and reference and identity.

**Rationale:** Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #36 PHL332H5 Issues in Metaphysics

**Before:** Typical problems: ontological categories; ontological commitment; the objectivity of space and time: causality and determinism; mind and body. **[36S]**

**After:** Typical problems: ontological categories; ontological commitment; the objectivity of space and time: causality and determinism; mind and body.

**Rationale:** Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #37 PHL333H5 Issues in Epistemology

**Before:** Typical problems: knowledge and belief, perception, the analytic-synthetic distinction, theories of truth, necessity and the a priori. **[36S]**

**After:** Typical problems: knowledge and belief, perception, the analytic-synthetic distinction, theories of truth, necessity and the a priori.

**Rationale:** Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #38 PHL340H5 Philosophy of Mind

**Before:** Typical problems: the brain-mind identity theory; intentionality and the mental; personal identity; the nature of human action. **[36S]**

**After:** Typical problems: the brain-mind identity theory; intentionality and the mental; personal identity; the nature of human action.

**Rationale:** Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #39 PHL346H5 Philosophy of Logic and Mathematics

**Before:** Platonism versus nominalism, the relation between logic and mathematics, implications of Godel's and Church's theorems, counterfactuals, necessity and possibility, extensional and intensional contexts, intuitionism. **[36S]**

**After:** Platonism versus nominalism, the relation between logic and mathematics, implications of Godel's and Church's theorems, counterfactuals, necessity and possibility, extensional and intensional contexts, intuitionism.

**Rationale:** Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #40 PHL350H5 Philosophy of Language

**Before:** Topics may include: Different approaches to the study of language; the analysis of central theoretical notions in the descriptions of language; the relation between thought and language; the relation between philosophy of language and metaphysics. **[36S]**

**After:** Topics may include: Different approaches to the study of language; the analysis of central theoretical notions in the descriptions of language; the relation between thought and language; the relation between philosophy of language and metaphysics.

**Rationale:** Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #41 PHL355H5 Issues in Philosophy of Science

**Before:** Central problems and contemporary issues. Topics may include: scientific inference and method; explanation; under-determination; the pessimistic induction; constructive empiricism; entity realism; structural realism; laws of nature.



**[36S]**

- After:** Central problems and contemporary issues. Topics may include: scientific inference and method; explanation; under-determination; the pessimistic induction; constructive empiricism; entity realism; structural realism; laws of nature.
- Rationale:** Correcting the calendar to accurately reflect how the course is actually being taught.
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**Course #42 PHL358H5 Philosophical Issues in Cognitive Science**

- Before:** An examination of philosophical issues that arise in cognitive science, such as: the nature of consciousness, alternative models of computation in theories of cognition, the nature and function of perception and the emotions, the evolution of mind and language, and the relation among various fields of cognitive science such as psychology, linguistics, and neuroscience. **[36S]**
- After:** An examination of philosophical issues that arise in cognitive science, such as: the nature of consciousness, alternative models of computation in theories of cognition, the nature and function of perception and the emotions, the evolution of mind and language, and the relation among various fields of cognitive science such as psychology, linguistics, and neuroscience.
- Rationale:** Correcting the calendar to accurately reflect how the course is actually being taught.
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**Course #43 PHL365H5 Issues in Political Philosophy**

- Before:** A study of some of the best recent work by political philosophers on topics such as justice, rights, welfare and political authority. **[36S]**
- After:** A study of some of the best recent work by political philosophers on topics such as justice, rights, welfare and political authority.
- Rationale:** Correcting the calendar to accurately reflect how the course is actually being taught.
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**Course #44 PHL375H5 Issues in Moral Philosophy**

- Before:** A study of some of the best recent work by moral philosophers on topics such as the objectivity of values, rights and duties, utilitarianism and the nature of moral judgments. **[36S]**
- After:** A study of some of the best recent work by moral philosophers on topics such as the objectivity of values, rights and duties, utilitarianism and the nature of moral judgments.
- Rationale:** Correcting the calendar to accurately reflect how the course is actually being taught.
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**Course #45 RLG101H5 Introduction to the Study of Religion**

- Before:** Theories about the variety and nature of religious experience, personal and collective. How religious life is expressed in such forms as myth, narrative and ritual, systems of belief and value, morality and social institutions. **[36L]**
- After:** Theories about the variety and nature of religious experience, personal and collective. How religious life is expressed in such forms as myth, narrative and ritual, systems of belief and value, morality and social institutions. **[24L, 10T]**
- Rationale:** This courses has always been taught with tutorials, but the calendar lists contact hours as 36L. It was previously listed in this format to allow the course to be taught during the summer without tutorials.
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**Course #46 RLG202H5 Introduction to Judaism**

- Before:** This course studies Jewish religious thought and activity in both ancient and modern times through selected biblical, rabbinic, medieval, and modern Jewish writings. It explores the roots of Jewish religion, the variety of Jewish traditions, and how these traditions worldwide have been transformed throughout **history in response to major political and religious crises. [24L,10T]**
- After:** This course studies Jewish religious thought and activity in both ancient and modern times through selected biblical, rabbinic, medieval, and modern Jewish writings. It explores the roots of Jewish religion, the variety of Jewish traditions, and how these traditions worldwide have been transformed throughout **history. [24L, 10T]**
- Rationale:** The revised enhanced description will give students a more complete picture of the major topics covered in this course. To update the recommended preparation course to reflect the change in the program requirements from the HIS101H5 Introduction to Historical Studies to the RLG101H5 Introduction to the Study of Religion.
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**Course #47 RLG203H5 Introduction to Christianity**

- Before:** An introduction to the diverse history of Christianity, from ~~its origins as a Jewish sect to its contemporary importance as a major global religion~~, with ~~a focus on how Christianity has both shaped and been shaped by various social, geographical, and cultural environments over the past two millennia.~~[24L,10T]
- After:** An introduction to the diverse history of Christianity, ranging from the origins of the Jesus Movement in the Roman Empire to the development of the largest religious tradition in the world with over two billion adherents and thousands of denominations spread across the globe. [24L, 10T]
- Rationale:** The revised enhanced description will give students a more complete picture of the major topics covered in this course. To update the recommended preparation course to reflect the change in the program requirements from the HIS101H5 Introduction to Historical Studies to the RLG101H5 Introduction to the Study of Religion.
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### Course #48 RLG204H5 Introduction to Islam and Muslim Civilizations

- Before:** ~~A thematic introduction to the diversity and rich traditions of Islam and Muslim Civilizations that explores many geographical areas, historical periods, schools of affiliation and interpretation, and cultural milieu.~~ [24L,10T]
- After:** What does it mean to be Muslim? What is the civilizational legacy of a faith practiced by one quarter of humanity? Addressing such questions, this course explores the rich and diverse traditions of Islam and Muslim Civilizations, ranging from history, law, and scripture through artistic expressions, mysticism, philosophy and beyond. [24L, 10T]
- Rationale:** The revised enhanced description will give students a more complete picture of the major topics covered in this course. To update the recommended preparation course to reflect the change in the program requirements from the HIS101H5 Introduction to Historical Studies to the RLG101H5 Introduction to the Study of Religion..
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### Course #49 RLG205H5 Introduction to South Asian Religions

- Before:** ~~A historical and thematic introduction to South Asian religious traditions as embedded in the socio-cultural structures of India.~~ [24L,10T]
- After:** What did it mean to be a Hindu or Muslim or Buddhist in history? Many students will have familiarity with a South Asian religious tradition either through their own experience or through personal encounters. This course offers students opportunities enhance their understanding through access to historical scholarship and primary sources. [24L, 10T]
- Rationale:** The revised enhanced description will give students a more complete picture of the major topics covered in this course.
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### Course #50 RLG206H5 Introduction to Buddhism

- Before:** ~~The teachings of the Buddha and the development, spread, and diversification of the Buddhist tradition from southern to northeastern Asia.~~ [24L,10T]
- After:** Philosophy of peaceful meditation or ideology of late capitalism? Both or neither? In this course you will learn through texts, images, objects, voices, and events how Buddhists through history have expressed their aspirations and anxieties, their thoughts and devotion, to find out what this religion may mean to us. [24L, 10T]
- Rationale:** The revised enhanced description will give students a more complete picture of the major topics covered in this course.
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### Course #51 RLG207H5 Introduction to Sikhism

- Before:** ~~An introduction to the historical and religious context in which the Sikh religion emerged and developed, its principal doctrines, practices and institutions and its evolution from its origins to the present, both in South Asia and the diaspora.~~ [24L,10T]
- After:** This course surveys the history of Sikhism from its beginnings as a devotional movement in late medieval Punjab to its transformation during the colonial period. Students will learn about the historical development of core Sikh doctrines, practices, and institutions. [24L, 10T]
- Rationale:** The revised enhanced description will give students a more complete picture of the major topics covered in this course.
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### Course #52 RLG208H5 Introduction to Zoroastrianism

- Before:** ~~A survey of the historical development of Zoroastrianism and its canonical texts, doctrines, rituals, and observances from the time of Zoroaster to the present. It also explores the emergence of Zoroastrian diasporic communities in India, Europe, and North America.~~ [24L,10T]
- After:** This course explores the history, doctrines, and practices of Zoroastrianism. It traces the historical development of this religion from its origins to the present time. It also analyses the development of the main Zoroastrian doctrines, and their possible impact on other religious traditions, and describes Zoroastrian



customs and ceremonies. [24L, 10T]

**Rationale:** The revised enhanced description will give students a more complete picture of the major topics covered in this course. To update the recommended preparation course to reflect the change in the program requirements from the HIS101H5 Introduction to Historical Studies to the RLG101H5 Introduction to the Study of Religion.

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### Course #53 RLG209H5 Introduction to Indigenous Traditions

**Before:** ~~An introduction~~ to the vast array of global Indigenous ~~religions, with a focus on North American traditions. Various religious practices will be examined~~ in both historic and contemporary ~~contexts, including consideration of~~ Indigenous responses to ~~colonialism.~~ [24L, 10T]

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

**Rationale:** The revised enhanced description will give students a more complete picture of the major topics covered in this course.

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### Course #54 RLG308H5 Monuments, Inscriptions, and Narratives in South Asia

**Before:** A survey of Vaisnava, Saiva, Jaina, and Islamic **traditions** in the Vijayanagara Empire of late-medieval South India, this course explores the use of historical data in the study of religion. [24L]

**After:** A survey of Vaisnava, Saiva, Jaina, and Islamic **material data, inscriptions, and texts** in the Vijayanagara Empire of late-medieval South India, this course explores the use of historical data in the study of religion. [24L]

**Rationale:** The new title and description will more accurately reflect the methodological focus of the course, which is on the use of archaeological, epigraphic, and philological sources in the historical study of South Asian religions.

---

### Course #55 RLG314H5 Religion and Gender

**Before:** This course focuses on the interaction of gender and religion from a comparative and multidisciplinary perspective; topics include creation myths, authority and leadership, sainthood, expressions of the divine, and gendered **ritual.**

**After:** This course focuses on the interaction of gender and religion from a comparative and multidisciplinary perspective; topics include creation myths, authority and leadership, sainthood, expressions of the divine, and gendered **ritual.**[24L]

**Rationale:** To clarify the contact hours for students.

---

### Course #56 RLG332H5 Reel Religion

**Before:** The role of film as a mediator of thought and experience concerning religious worldviews. The ways in which movies relate to humanity's quest to understand itself and its place in the universe are considered in this regard, along with the challenge which modernity presents to this task. Of central concern is the capacity of film to address religious issues through visual symbolic forms. [24L, **12T**]

**After:** The role of film as a mediator of thought and experience concerning religious worldviews. The ways in which movies relate to humanity's quest to understand itself and its place in the universe are considered in this regard, along with the challenge which modernity presents to this task. Of central concern is the capacity of film to address religious issues through visual symbolic forms. [24L, **24P**]

**Rationale:** To reflect that the course involves a film screening of approximately two hours per week (in addition to the two lecture hours per week).

---

### Course #57 VCC236H5 North American Consumer Culture: 1890-Present

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

**After:** Examines the history and theoretical treatments of mass consumerism in North American society. We will look at the relationship between the market and cultural politics, cultural production, and mass consumption. Specific topics include: the shift from mass production to mass consumption; the growth of department stores; the rise of advertising; the

relationship of race, class, and gender to consumer capitalism; the development of product brands; and the emergence of global marketing.

Rationale:

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### Course #58 VCC304H5 Visual Culture and the Politics of Identity

**Before:** Examines the ways in which social-cultural identities are constructed by, and at times disrupt, various visual technologies, logics, and representational strategies. Issues and problems to be addressed include nationality, stereotyping, invisibility, and surveillance. Course materials will be drawn from modern and contemporary art and visual culture, and will also include readings from the fields of feminism, race studies, queer theory, and performance studies. **[24L, 12T]**

**After:** Examines the ways in which social-cultural identities are constructed by, and at times disrupt, various visual technologies, logics, and representational strategies. Issues and problems to be addressed include nationality, stereotyping, invisibility, and surveillance. Course materials will be drawn from modern and contemporary art and visual culture, and will also include readings from the fields of feminism, race studies, queer theory, and performance studies. **[24L]**

Rationale:

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### Course #59 WGS205H5 Introduction to Feminism and Popular Culture

**Before:** This course explores the forms and functions of popular culture and its representation and understanding of the social category of women. It examines specific media forms including, but not limited to, film, song, visual arts, music, video, television, advertising and new media forms. It critically analyzes the impact of these portrayals on women in society while examining the cultural constructions of race, sexuality, class and ability. **[36L]**

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

**Rationale:** This courses has always been taught with tutorials, but the calendar lists contact hours as 36L. It was previously listed in this format to allow the course to be taught during the summer without tutorials.

---

### Course #60 WGS210H5 Women and Work in Contemporary Canada

**Before:** This course covers a wide range of issues relating to female participation in public and private sectors of the today's Canadian workforce. It examines the relevance of education, perceptions, sexuality and family issues. Services and infrastructure, as well as collective bargaining are also addressed. **[36L]**

**After:** This course covers a wide range of issues relating to female participation in public and private sectors of the today's Canadian workforce. It examines the relevance of education, perceptions, sexuality and family issues. Services and infrastructure, as well as collective bargaining are also addressed. **[24L, 10T]**

**Rationale:** This courses has always been taught with tutorials, but the calendar lists contact hours as 36L. It was previously listed in this format to allow the course to be taught during the summer without tutorials.

---

### Course #61 WGS250H5 Women in Families

**Before:** This course studies how the notion of family is conceptualized and organized transnationally and historically and examines the multiple familiar roles of women in diverse contexts. **[36L]**

**After:** This course studies how the notion of family is conceptualized and organized transnationally and historically and examines the multiple familiar roles of women in diverse contexts. **[24L, 10T]**

**Rationale:** This courses has always been taught with tutorials, but the calendar lists contact hours as 36L. It was previously listed in this format to allow the course to be taught during the summer without tutorials.

---

### Course #62 WGS369Y5 Gender, Colonialism and Postcolonialism

**Before:** An ~~introduction to some~~ of the ~~main concerns~~ and ~~debates associated with post-colonialism~~. ~~Historical exploration~~ of how subordination was forged and resisted in specific colonial ~~settings~~. ~~Examination of nationalist discourses, diasporic spaces, and feminisms.~~ **[24L]**

**After:** An examination of the complexities and the processes of colonialism/postcolonialism. Emphasis is placed on writings by feminists in the Global South, and the diaspora, to explore how subordination was forged and resisted in specific colonial and postcolonial settings. **[48L]**

**Rationale:** To clarify the contact hours for students. The new title and modified description brings greater emphasis and clarity to the issues and content that is covered in the course.

---

### Course #63 WGS372H5 Theories of Sexuality

**Before:** This course offers a critical overview of contemporary theories of ~~sexuality. Topics include heterosexuality, homosexuality, and bisexuality; transgenderism and transsexuality; essentialism and constructivism; desire, pleasure, fantasy and ideology; normativity and resistance; performativity and queer theory; as well as emotional risk and vulnerability.~~ [24S]

**After:** This course offers a critical overview of contemporary theories of sexuality, focusing on transnational discussions by feminists and queer theorists. [24L]

**Rationale:** Currently there are three courses offered in the Women and Gender Studies program that focus on the broad field of Sexuality Studies at the fourth year: WGS450H5 Theories of Sexuality; WGS430H5 Diasporic Sexualities; WGS455H5 Queer Theory. Students take WGS101H5 Introduction to Women and Gender Studies and then are introduced to Sexuality Studies in the fourth year. By changing (WGS450H5) from a 4th year to the 3rd year course, students will be able to receive the theoretical foundation for the 4th year courses. The proposed change will also address the gap in 3rd year courses in the area of Sexuality Studies.

---

### Course #64 WGS420H5 Engendering Human Rights

**Before:** This seminar analyzes human rights responses to particular gendered sites of historical repression including examples of genocide, torture and war. It includes reactions generated from government and international organizations as well as remedies developed by victims/survivors. [24S]

**After:** This seminar analyzes human rights responses to particular gendered sites of historical repression including examples of genocide, torture and war. It includes reactions generated from government and international organizations as well as remedies developed by victims/survivors. ***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.*** [24S]

**Rationale:** This course has been selected to be part of a UTM pilot as an international experience course.

---

### Course #65 utm112H5 utmONE: Power of Expression

**Before:** This course asks big questions about what creative expression is, how it influences society, and what role it plays in people's lives. Students will explore expression as social and cultural production, as intervention, and as a tool for social dialogue through assignments and small group activities that develop and refine key skills relevant to the humanities and social sciences. [24L, 12T]

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

**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

---

### Course #66 utm115H5 utmONE: Communication Among Cultures

**Before:** This course is an introduction to inter-cultural communication primarily in the areas of writing and speaking. It is designed to address fundamental skills related to language use in the academic setting by focusing on topics such as customs, attitudes, beliefs, and values. Specific examples will be drawn from real-life university situations, and multiple viewpoints on the nature of diversity in communication will be discussed. [24L, 12T]

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

**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

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# Changes in Course Name

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## Course #1 CCT314H5 Mind, Media and Representation

**Before:** *Representation in Language, Mind and Art*

**After:** *Mind, Media and Representation*

**Rationale:** The original title no longer reflects the description changes proposed.

---

## Course #2 ENG110Y5 Narrative: Literature and the Story

**Before:** *Narrative*

**After:** *Narrative: Literature and the Story*

**Rationale:** Replaced with two "H" courses.

This title has been changed to give the instructor more flexibility in the delivery of the course and to better indicate its content to students.

---

## Course #3 ENG140Y5 Contemporary World Literatures

**Before:** *Literature for Our Time*

**After:** *Contemporary World Literatures*

**Rationale:** This title has been changed to better reflect the course's focus on twentieth-and twenty-first-century texts and global Anglophone literatures.

---

## Course #4 ENG202Y5 British Literature, Medieval to Eighteenth Century

**Before:** British *Literature: Medieval to Romantic*

**After:** British *Literature, Medieval to Eighteenth Century*

**Rationale:** This change allows better balance of content between and more accurately conveys the topics covered by our two survey courses, ENG202Y5 and ENG203Y5.

---

## Course #5 ENG203Y5 British Literature: Romantic to Contemporary

**Before:** British Literature: *Victorian* to Contemporary

**After:** British Literature: *Romantic* to Contemporary

**Rationale:** This change allows better balance of content between and more accurately conveys the topics covered by our two survey courses, ENG202Y5 and ENG203Y5.

---

## Course #6 ENG214H5 The Short Story Cycle

**Before:** The Short Story *Collection*

**After:** The Short Story *Cycle*

**Rationale:** This change is made because "collection" means, to some students, anthologies assembled by editors, not by authors themselves.

---

## Course #7 ENG235H5 Comics and the Graphic Novel

**Before:** *The* Graphic Novel

**After:** *Comics and the* Graphic Novel

**Rationale:** "Comics" captures the medium covered in the course as a whole; the graphic novel is one of the things this course focuses on. This title makes it clearer what this course actually covers.

---

## Course #8 ENG239H5 Horror Literature

Before: *Fantasy and* Horror

After: Horror *Literature*

Rationale: ENG239H5 "Fantasy and Horror," as it is currently titled, is extremely popular, and usually has a long wait list. We believe that there is enough interest in fantasy and horror to support two courses; this one will focus on literary writings on horror.

---

## Course #9 ENG259H5 Literature and Environmental Criticism

Before: Literature and *the Environment*

After: Literature and *Environmental Criticism*

Rationale: We are changing the title to more closely map onto the interests of the students who typically enroll in it, who are more interested in environmentalism (e.g., literature that engages in the political debates over climate change than in environment meaning nature. Ecocriticism is a new and important subfield of both literary criticism and literary theory.

---

## Course #10 ENG271H5 Toronto's Multicultural Literatures

Before: *Diasporic* Literatures *of Toronto*

After: *Toronto's Multicultural* Literatures

Rationale: Although the course will not lose its focus on "diaspora", we want to emphasize the vocabulary actually used by students ("multiculturalism, "cultural diversity"). The title broadens the focus and ultimately better describes the content of the course.

---

## Course #11 ENG274H5 Indigenous Literatures

Before: *Native North American Literature*

After: *Indigenous Literatures*

Rationale: "Indigenous" is the preferred term of scholars working in the field and Indigenous writers themselves; removing "North American" means the course can introduce students to the study of global Indigenous writings, including writings in English by Australian Aboriginal and Asian and Pacific Indigenous peoples.

---

## Course #12 ENG307H5 Women Writers before Jane Austen

Before: Women *Writers, 1660-1800*

After: Women *Writers before Jane Austen*

Rationale: The title better describes the content of the course for students.

---

## Course #13 ENG312H5 Special Topic in Medieval Literature

Before: *Topics* in Medieval Literature

After: *Special Topic* in Medieval Literature

Rationale: The word topics leads students to think that a range of topics will be covered.

---

## Course #14 ENG313H5 Special Topic in Early Modern British Literature

Before: *Topics* in Early Modern British Literature

After: *Special Topic* in Early Modern British Literature

Rationale: The word topics leads students to think that a range of topics will be covered.

---

## Course #15 ENG314H5 Special Topic in Eighteenth-Century British Literature

**Before:** *Topics* in Eighteenth-Century British Literature  
**After:** *Special Topic* in Eighteenth-Century British Literature  
**Rationale:** The word topics leads students to think that a range of topics will be covered.

---

#### Course #16 ENG315H5 Special Topic in Nineteenth-Century British Literature

**Before:** *Topics* in Nineteenth-Century British Literature  
**After:** *Special Topic* in Nineteenth-Century British Literature  
**Rationale:**

---

#### Course #17 ENG316H5 Special Topic in Modern and Contemporary Literature

**Before:** *Topics* in Modern and Contemporary Literature  
**After:** *Special Topic* in Modern and Contemporary Literature  
**Rationale:** The word topics leads students to think that a range of topics will be covered.

---

#### Course #18 ENG322Y5 The Rise of the Novel in the Eighteenth Century

**Before:** *Fiction Before 1832*  
**After:** *The Rise of the Novel in the Eighteenth Century*  
**Rationale:** The title better describes the content of the course for students, for whom "Before 1832" has little significance.

---

#### Course #19 ENG324Y5 Victorian Fiction

**Before:** *Fiction, 1832-1900*  
**After:** *Victorian Fiction*  
**Rationale:** The title better describes the content of the course (1832 is not a meaningful date for students) and allows the instructor to cover a somewhat wider range of Victorian literary writing than will be covered in our H course, ENG325H5: The Victorian Novel.

---

#### Course #20 ENG325H5 The Victorian Novel

**Before:** Victorian *Realist Novels*  
**After:** *The Victorian Novel*  
**Rationale:** We are giving a new title to this course to allow for greater flexibility in the themes and topics instructors might focus on in a course on the Victorian novel (the existing title and description dictate a focus on realism).

---

#### Course #21 ENG330H5 Medieval Drama

**Before:** *Early* Drama  
**After:** *Medieval* Drama  
**Rationale:** The new title more accurately reflects what is taught in this class; "Early Drama" could misleadingly suggest, e.g., classical drama, while this class is designed as a medieval drama course, from the Anglo-Saxon period to the early sixteenth century.

---

#### Course #22 ENG331H5 Elizabethan Drama

**Before:** Drama *to 1603*  
**After:** *Elizabethan* Drama  
**Rationale:** The title better describes the content of the course for students.

---

**Course #23 ENG335H5 Jacobean Drama**

**Before:** Drama *1603 to 1642*

**After:** *Jacobean* Drama

**Rationale:** The title better describes the content of the course for students.

---

**Course #24 ENG336H5 Special Topic in Shakespeare**

**Before:** *Topics* in Shakespeare

**After:** *Special Topic* in Shakespeare

**Rationale:** The word topics leads students to think that a range of topics will be covered.

---

**Course #25 ENG337H5 Restoration and Eighteenth-Drama**

**Before:** *Drama, 1660-1800*

**After:** *Restoration and Eighteenth-Drama*

**Rationale:** The title better describes the content of the course for students.

---

**Course #26 ENG340H5 Modern Drama: Twentieth Century**

**Before:** Modern *Drama to World War II*

**After:** Modern *Drama: Twentieth Century*

**Rationale:** The focus on World War II is outdated: the title better describes the content of the course.

---

**Course #27 ENG341H5 Modern Drama: Late Twentieth-Century to Present Day or Since World War II**

**Before:** Modern *Drama since World War II*

**After:** Modern *Drama: Late Twentieth-Century to Present Day or Since World War II*

**Rationale:** The focus on World War II is outdated: the title better describes the content of the course.

---

**Course #28 ENG349H5 Poetic Ruptures: Approaches to Contemporary Verse**

**Before:** Contemporary *Poetry*

**After:** *Poetic Ruptures: Approaches to Contemporary Verse*

**Rationale:** This new title is a more compelling description of the focus of this course. 1960 is not a meaningful date for students. It is also a chance for us to see how students respond - when enrolling especially - to more imaginatively titled courses.

---

**Course #29 ENG358H5 Special Topic in Canadian Literature**

**Before:** *Topics* in Canadian Literature

**After:** *Special Topic* in Canadian Literature

**Rationale:** The word topics leads students to think that a range of topics will be covered.

---

**Course #30 ENG366H5 Special Topic in American Literature**

**Before:** *Topics* in American Literature

**After:** *Special Topic* in American Literature

**Rationale:** The word topics leads students to think that a range of topics will be covered.



---

### Course #31 ENG370H5 Global Literatures in English

**Before:** *Postcolonial and Transnational Discourses*

**After:** *Global Literatures in English*

**Rationale:** This course has recently been poorly enrolled despite excellent evaluations from the students who do take it and strong interest among our students in the topics and writers covered. We think this is because the focus on "postcolonial" is outdated and the phrase "transnational discourses" is opaque for many students. The new title makes the content of the course more transparent.

---

### Course #32 ENG371H5 Special Topic in World Literatures

**Before:** *Topics* in *Postcolonial Literature*

**After:** *Special Topic* in *World Literatures*

**Rationale:** The word topics leads students to think that a range of topics will be covered. Note we have also changed the description of the topic to reflect the most recent usage (world, rather than postcolonial, literatures).

---

### Course #33 ENG389Y5 Creative Writing Workshop

**Before:** Creative Writing

**After:** Creative Writing *Workshop*

**Rationale:** The change of titles makes explicit the difference between this course and the new course ENG289H5: the 200 level course has a focus on taught exercises, the 300 level course on workshopping students' projects.

---

### Course #34 ENG414H5 Seminar: Theory, Language, Methods

**Before:** *Advanced Studies:* Theory, Language, Methods

**After:** *Seminar:* Theory, Language, Methods

**Rationale:** We believe that the word seminar conveys a better sense of the experience of these courses to students.

---

### Course #35 ENG415H5 Seminar: Theory, Language, Methods

**Before:** *Advanced Studies:* Theory, Language, Methods

**After:** *Seminar:* Theory, Language, Methods

**Rationale:** We believe that the word seminar conveys a better sense of the experience of these courses to students.

---

### Course #36 ENG416H5 Seminar: Theory, Language, Methods

**Before:** *Advanced Studies:* Theory, Language, Methods

**After:** *Seminar:* Theory, Language, Methods

**Rationale:** We believe that the word seminar conveys a better sense of the experience of these courses to students.

---

### Course #37 ENG424H5 Seminar: Canadian and Indigenous North American Literatures

**Before:** *Advanced Studies:* Canadian and Indigenous North American Literatures

**After:** *Seminar:* Canadian and Indigenous North American Literatures

**Rationale:** We believe that the word seminar conveys a better sense of the experience of these courses to students.

---

### Course #38 ENG425H5 Seminar: Canadian and Indigenous North American Literatures

**Before:** *Advanced Studies:* Canadian and Indigenous North American Literatures



**After:** **Seminar:** Canadian and Indigenous North American Literatures  
**Rationale:** We believe that the word seminar conveys a better sense of the experience of these courses to students.

---

**Course #39 ENG426H5 Seminar: Canadian and Indigenous North American Literatures**

**Before:** **Advanced Studies:** Canadian and Indigenous North American Literatures  
**After:** **Seminar:** Canadian and Indigenous North American Literatures  
**Rationale:** We believe that the word seminar conveys a better sense of the experience of these courses to students.

---

**Course #40 ENG434H5 Seminar: American and Transnational Literatures**

**Before:** **Advanced Studies:** American and Transnational Literatures  
**After:** **Seminar:** American and Transnational Literatures  
**Rationale:** We believe that the word seminar conveys a better sense of the experience of these courses to students.

---

**Course #41 ENG435H5 Seminar: American and Transnational Literatures**

**Before:** **Advanced Studies:** American and Transnational Literatures  
**After:** **Seminar:** American and Transnational Literatures  
**Rationale:** We believe that the word seminar conveys a better sense of the experience of these courses to students.

---

**Course #42 ENG436H5 Seminar: American and Transnational Literatures**

**Before:** **Advanced Studies:** American and Transnational Literatures  
**After:** **Seminar:** American and Transnational Literatures  
**Rationale:** We believe that the word seminar conveys a better sense of the experience of these courses to students.

---

**Course #43 ENG460H5 Seminar: British Literature to the 19th Century**

**Before:** **Advanced Studies:** British Literature to the 19th Century  
**After:** **Seminar:** British Literature to the 19th Century  
**Rationale:** We believe that the word seminar conveys a better sense of the experience of these courses to students.

---

**Course #44 ENG461H5 Seminar: British Literature to the 19th Century**

**Before:** **Advanced Studies:** British Literature to the 19th Century  
**After:** **Seminar:** British Literature to the 19th Century  
**Rationale:** We believe that the word seminar conveys a better sense of the experience of these courses to students.

---

**Course #45 ENG462H5 Seminar: British Literature to the 19th Century**

**Before:** **Advanced Studies:** British Literature to the 19th Century  
**After:** **Seminar:** British Literature to the 19th Century  
**Rationale:** We believe that the word seminar conveys a better sense of the experience of these courses to students.

---

**Course #46 ENG463H5 Seminar: British Literature to the 19th Century**

**Before:** **Advanced Studies:** British Literature to the 19th Century  
**After:** **Seminar:** British Literature to the 19th Century

**Rationale:** We believe that the word seminar conveys a better sense of the experience of these courses to students.

---

### Course #47 ENG470H5 Seminar: Literature since the 18th Century

**Before:** **Advanced Studies:** Literature since the 18th Century

**After:** **Seminar:** Literature since the 18th Century

**Rationale:** We believe that the word seminar conveys a better sense of the experience of these courses to students.

---

### Course #48 ENG471H5 Seminar: Literature since the 18th Century

**Before:** **Advanced Studies:** Literature since the 18th Century

**After:** **Seminar:** Literature since the 18th Century

**Rationale:** We believe that the word seminar conveys a better sense of the experience of these courses to students.

---

### Course #49 ENG472H5 Seminar: Literature since the 18th Century

**Before:** **Advanced Studies:** Literature since the 18th Century

**After:** **Seminar:** Literature since the 18th Century

**Rationale:** The word seminar better describes the format of the course.

---

### Course #50 ENG473H5 Seminar: Literature since the 18th Century

**Before:** **Advanced Studies:** Literature since the 18th Century

**After:** **Seminar:** Literature since the 18th Century

**Rationale:** We believe that the word seminar conveys a better sense of the experience of these courses to students.

---

### Course #51 FAS369Y5 Performance-Based Art

**Before:** **Performance Based** Art

**After:** **Performance-Based** Art

**Rationale:**

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### Course #52 FRE340H5 Reading and Interpreting French Literature: An Introduction to Literary Criticism

**Before:** Literary Criticism **and Analysis**

**After:** **Reading and Interpreting French Literature: An Introduction to** Literary Criticism

**Rationale:** The new title gives a more accurate description of course content.

---

### Course #53 HIS101H5 Introduction to History

**Before:** Introduction to **Historical Studies**

**After:** Introduction to **History**

**Rationale:** As HIS101H5 has changed over the years to accommodate new directions in the department's course offerings, its old description is no longer an accurate reflection of what the course currently seeks to accomplish. In particular, it is no longer a preparation for other courses in Historical Studies outside of the History program (Classical Civilization, History of Religions, Women and Gender Studies) and is now a History course.

---

### Course #54 HIS285H5 Politics of Asian Pacific War Memories

**Before:** Politics of **Asia** Pacific War Memories

**After:** Politics of **Asian** Pacific War Memories

**Rationale:** This course was introduced in the 2016-2017 calendar but the listing did not include the tutorials in error.

---

### Course #55 HIS386H5 Gender and History in South Asia

**Before:** Gender and History in **Modern** South Asia

**After:** Gender and History in South Asia

**Rationale:** While the course will largely focus on the period from the 18th century onwards, it will study the theme at hand against a longue-duree perspective.

---

### Course #56 PHL284H5 Ethics of Eating

**Before:** **Philosophy** of **Food**

**After:** **Ethics** of **Eating**

**Rationale:** The new title makes clear that this is a course in ethics.

---

### Course #57 PHL290H5 Philosophical Issues in Psychoanalysis

**Before:** Psychoanalysis

**After:** **Philosophical Issues in** Psychoanalysis

**Rationale:** The present title may suggest that students in the course will do psychoanalysis; the new title clarifies. Also, the new title is the same as the one used at St G.

---

### Course #58 PHL340H5 Philosophy of Mind

**Before:** **Issues in** Philosophy of Mind

**After:** Philosophy of Mind

**Rationale:** New title better reflects course content.

---

### Course #59 PHL358H5 Philosophical Issues in Cognitive Science

**Before:** **Philosophy of** Cognitive Science

**After:** **Philosophical Issues in** Cognitive Science

**Rationale:** New title better reflects content and level of course.

---

### Course #60 RLG308H5 Monuments, Inscriptions, and Narratives in South Asia

**Before:** **Religion** in **Medieval Indian History**

**After:** **Monuments, Inscriptions, and Narratives** in **South Asia**

**Rationale:** The new title and description will more accurately reflect the methodological focus of the course, which is on the use of archaeological, epigraphic, and philological sources in the historical study of South Asian religions.

---

### Course #61 WGS369Y5 Gender, Colonialism and Postcolonialism

**Before:** Gender, Colonialism and **Cultural Resistance**

**After:** Gender, Colonialism and **Postcolonialism**

**Rationale:** To clarify the contact hours for students. The new title and modified description brings greater emphasis and clarity to the issues and content that is covered in the course.

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# Courses - Other Changes

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## Course #1 ENG235H5 Comics and the Graphic Novel

**Before:** Prerequisite: **Prerequisite:** All 200-series courses are open to students who are concurrently enrolled in **ENG110Y** or **ENG140Y**, or both **DRE/ENG121H** and **DRE/ENG122H**, or who **have** successfully completed at least 4.0 full credits.

**After:** Prerequisite: All 200-series courses are open to students who are concurrently enrolled in **ENG110Y5** or **ENG140Y5**, or both **DRE/ENG121H5** and **DRE/ENG122H5** or who successfully completed at least 4.0 full credits.

**Rationale:** "Comics" captures the medium covered in the course as a whole; the graphic novel is one of the things this course focuses on. This title makes it clearer what this course actually covers.

---

## Course #2 ENG312H5 Special Topic in Medieval Literature

**Before:** Prerequisite: 2.0 credit in ENG, including ENG202Y5, and 4.0 additional **credits**

**After:** Prerequisite: 2.0 credit in ENG, including ENG202Y5, and 4.0 additional **credits.**

**Rationale:** The word topics leads students to think that a range of topics will be covered.

---

## Course #3 ENG324Y5 Victorian Fiction

**Before:** Course Exclusion:

**After:** Course Exclusion: **ENG325Y5**

**Rationale:** This course is designed as an alternative to ENG325Y5.

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## Course #4 FAH274H5 Renaissance Art and Architecture

**Before:** Course Exclusion: FAH230H1, **VPHB53**

**After:** Course Exclusion: FAH230H1, **VPHB74H3**

**Rationale:** Correcting prerequisite.

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## Course #5 FAH310H5 Introduction to the History and Theory of Curatorial Practice

**Before:** Prerequisite: **FAH101H5/FAH105H5/FAH202H5 and VCC101H5/VCC201H5**, FAH289H5 and 0.5 additional credit in FAH/VCC

**After:** Prerequisite: **FAH101H5/FAH105H5/FAH202H5**, FAH289H5 and 0.5 additional credit in FAH/VCC

**Rationale:** Art & Art History Major students are not required to take VCC101H5.

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## Course #6 FAH337H5 Court Art and Patronage in the Middle Ages

**Before:** Prerequisite: FAH101H5/FAH105H5/FAH202H5 and **FAH271H5/FAH267H5**

**After:** Prerequisite: FAH101H5/FAH105H5/FAH202H5 and **FAH216H5/FAH217H5**

**Rationale:** Updating prerequisites to reflect new courses added last year.

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## Course #7 FAH343H5 Pilgrimage

**Before:** Prerequisite: FAH101H5/FAH105H5/FAH202H5 and **FAH267H5**

**After:** Prerequisite: FAH101H5/FAH105H5/FAH202H5 and **FAH216H5**

**Rationale:** Updating prerequisites to reflect new courses added last year.

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## Course #8 FAH351H5 Gothic Architecture

**Before:** Prerequisite: FAH101H5/FAH105H5/FAH202H5 and **FAH267H5/FAH271H5**

**After:** Prerequisite: FAH101H5/FAH105H5/FAH202H5 and **FAH216H5/FAH217H5**

**Rationale:** Updating prerequisites to reflect new courses added last year.

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## Course #9 FAH423H5 Advanced Studies in the Art of the Medieval Mediterranean

**Before:** Prerequisite: FAH101H5/FAH105H5/FAH202H5 , **FAH267H5** and at least 1.0 credit in FAH/VCC at the 300/400 level.

**After:** Prerequisite: FAH101H5/FAH105H5/FAH202H5 , **FAH216H5** and at least 1.0 credit in FAH/VCC at the 300/400 level.

**Rationale:** Updating prerequisites to reflect new courses added last year.

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## Course #10 FAH434H5 Art and Architecture of Medieval Rome

**Before:** Prerequisite: FAH101H5/FAH105H5/FAH202H5 , **FAH267H5/FAH271H5/FAH204H5** and 0.5 at the 300/400 level in Medieval Art or P.I.

**After:** Prerequisite: FAH101H5/FAH105H5/FAH202H5 , **FAH216H5/FAH217H5/FAH205H5** and 0.5 at the 300/400 level in Medieval Art or P.I.

**Rationale:** Updating prerequisites to reflect new courses added.

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## Course #11 FAH435H5 Women and Art in the Middle Ages

**Before:** Prerequisite: FAH101H5/FAH105H5/FAH202H5 and **FAH267H5/FAH271H5** and at least 0.5 FAH at the 300/400 level.

**After:** Prerequisite: FAH101H5/FAH105H5/FAH202H5 and **FAH216H5/FAH217H5** and at least 0.5 FAH at the 300/400 level.

**Rationale:** Updating prerequisites to reflect new courses added last year.

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## Course #12 FAH460H5 Art and Animation

**Before:** Prerequisite: Must be a third- or fourth-year student currently enrolled in one of the following programs: Art History, Art & Art History, Visual Culture and Communication, or **Language Studies** (English, French, Italian, German). Preference will be given to students in Art History, Art & Art History, and Visual Culture and Communication.

**After:** Prerequisite: Must be a third- or fourth-year student currently enrolled in one of the following programs: Art History, Art & Art History, Visual Culture and Communication, or **literature studies** (English, French, Italian, German). Preference will be given to students in Art History, Art & Art History, and Visual Culture and Communication.

**Rationale:**

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## Course #13 FRE283H5 Language Practice: Oral

**Before:** Prerequisite: **Corequisite: Course** Exclusion: Native or near native speakers.

**After:** Prerequisite: **FRE180H/FRE181H or FSL305Y**  
**Corequisite: FRE280Y5**  
**Course** Exclusion: Native or near native **French** speakers. **FRE383H5.**

**Rationale:** The absence of a clear definition of an explicit exclusion has created confusion among students. This course aims to allow oral production and comprehension component that FRE280Y no longer teaches, thus making FRE280Y a co-requisite will give a wider range of learning opportunities to students. FSL305Y is added as a prerequisite to open more opportunities to French minor students and provide a bridge between FSL and FRE courses.

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## Course #14 FRE312H5 From the Gothic and Fantastic Novels to Realism in Québec

- Before:** Prerequisite: **FRE280Y5**, FRE240H5, FRE241H5 (or FRE240Y5) or permission of the department. **Recommended** Preparation:
- After:** Prerequisite: **FRE280Y5 or a minimum grade of 77% in FSL406H5 or equivalent**, FRE240H5, FRE241H5 (or FRE240Y5) or permission of the department. **Recommended** Preparation: **FRE283H5**
- Rationale:** The addition of FRE283H ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.
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### Course #15 FRE316H5 Urban Attraction and the Québec Contemporary Novel

- Before:** Prerequisite: **FRE280Y5**, FRE240H5, FRE241H5 (or FRE240Y5) or permission of the department. **Recommended** Preparation:
- After:** Prerequisite: **FRE280Y5 or a minimum grade of 77% in FSL406H5 or equivalent**, FRE240H5, FRE241H5 (or FRE240Y5) or permission of the department. **Recommended** Preparation: **FRE283H5**.
- Rationale:** The addition of FRE283H ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.
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### Course #16 FRE320H5 French Literature of Classicism and Enlightenment

- Before:** Prerequisite: (FRE240H5, **FRE241H5**)/**FRE240Y5 Recommended** Preparation:
- After:** Prerequisite: **FRE280Y5 or a minimum grade of 77% in FSL406H5 or equivalent**, (FRE240H5, **FRE241H5 (FRE240Y5)**). **Recommended** Preparation: **FRE283H5**
- Rationale:** The addition of FRE283H ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.
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### Course #17 FRE325H5 Language Acquisition of French

- Before:** Prerequisite: LTL225Y5/FRE225Y5/FRE272Y5, (FRE240H5, **FRE241H5**)/**FRE240Y5/FRE280Y5 Recommended** Preparation:
- After:** Prerequisite: LTL225Y5/FRE225Y5/FRE272Y5, **FRE240Y5** (FRE240H5, **FRE241H5**)/**FRE280Y5 or a minimum grade of 77% in FSL406H5 or equivalent**. **Recommended** Preparation: **FRE283H5**
- Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.
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### Course #18 FRE340H5 Reading and Interpreting French Literature: An Introduction to Literary Criticism

- Before:** Prerequisite: **FRE280Y5**, FRE240H5, FRE241H5 or permission of the department. **Recommended** Preparation:
- After:** Prerequisite: **FRE280Y5 or a minimum grade of 77% in FSL406H5 or equivalent**, FRE240H5, FRE241H5 (**FRE240Y5**) or permission of the department. **Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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### Course #19 FRE345H5 Teaching and Learning French Since the 1970s

**Before:** Prerequisite: LTL225Y5/FRE225Y5/FRE272Y5, (FRE240H5, **FRE241H5)/FRE240Y5/FRE280Y5**  
**Recommended** Preparation:

**After:** Prerequisite: LTL225Y5/FRE225Y5/FRE272Y5, **FRE240Y5** (FRE240H5, **FRE241H5)/FRE280Y5 or a minimum grade of 77% in FSL406H5 or equivalent.**  
**Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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### Course #20 FRE352H5 Teaching French Grammar

**Before:** Prerequisite: LTL225Y5/FRE225Y5/FRE272Y5, (FRE240H5, **FRE241H5)/FRE240Y5/FRE280Y5**  
**Recommended** Preparation:

**After:** Prerequisite: LTL225Y5/FRE225Y5/FRE272Y5, **FRE240Y5** (FRE240H5, **FRE241H5)/FRE280Y5 or a minimum grade of 77% in FSL406H5 or equivalent.**  
**Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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### Course #21 FRE353H5 Teaching French Culture

**Before:** Prerequisite: LTL225Y5/FRE225Y5/FRE272Y5, (FRE240H5, **FRE241H5)/FRE240Y5/FRE280Y5**

**After:** Prerequisite: LTL225Y5/FRE225Y5/FRE272Y5, (FRE240H5, **FRE241H5)/FRE240Y5/FRE283H5, FRE280Y5 or a minimum grade of 77% in FSL406H5 or equivalent.**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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### Course #22 FRE355H5 Psycholinguistics and Teaching and Learning French as a Second Language

**Before:** Prerequisite: LTL225Y5/FRE225Y5/FRE272Y5, FRE240H5, FRE241H5 (or FRE240Y5)/FRE280Y5  
**Recommended** Preparation:

**After:** Prerequisite: LTL225Y5/FRE225Y5/FRE272Y5, FRE240H5, FRE241H5 (or FRE240Y5)/FRE280Y5 **or a minimum grade of 77% in FSL406H5 or equivalent.**  
**Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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### Course #23 FRE356H5 Studies in 17th-century French Literature

**Before:** Prerequisite: FRE240H5, FRE241H5 (or FRE240Y5); FRE280Y5 or equivalent. **Recommended** Preparation:



**After:** Prerequisite: FRE240H5, FRE241H5 (or FRE240Y5); FRE280Y5 or **a minimum grade of 77% in FSL406H5 or** equivalent.

**Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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### Course #24 FRE357H5 Heroism and Love in the Middle Ages

**Before:** Prerequisite: FRE240H5, FRE241H5 (or FRE240Y5); FRE280Y5 or equivalent. **Recommended** Preparation:

**After:** Prerequisite: FRE240H5, FRE241H5 (or FRE240Y5); FRE280Y5 or **a minimum grade of 77% in FSL406H5 or** equivalent.

**Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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### Course #25 FRE363H5 Reverie, Rejection and Romanticism in 19th Century French Literature and the Arts

**Before:** Prerequisite: FRE240H5, FRE241H5 (or FRE240Y5), FRE280Y5 or equivalent. **Recommended** Preparation:

**After:** Prerequisite: FRE240H5, FRE241H5 (or FRE240Y5), FRE280Y5 or **a minimum grade of 77% in FSL406H5 or** equivalent.

**Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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### Course #26 FRE364H5 Representation of Real Life: Objectivity and Creative Activity in the Realist Novel

**Before:** Prerequisite: FRE240H5, FRE241H5 (or FRE240Y5), FRE280Y5 or equivalent. **Recommended** Preparation:

**After:** Prerequisite: FRE240H5, FRE241H5 (or FRE240Y5), FRE280Y5 or **a minimum grade of 77% in FSL406H5 or** equivalent.

**Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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### Course #27 FRE365H5 Studies in 18th-century French Literature

**Before:** Prerequisite: FRE240H5, FRE241H5 (or FRE240Y5), FRE280Y5 or equivalent. **Recommended** Preparation:

**After:** Prerequisite: FRE240H5, FRE241H5 (or FRE240Y5), FRE280Y5 or **a minimum grade of 77% in FSL406H5 or** equivalent.

**Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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## Course #28 FRE369H5 The French Novel Today

**Before:** Prerequisite: FRE240H5, FRE241H5 (or **FRE240Y5Y**) or **permission** of **the department**.  
**Recommended** Preparation:

**After:** Prerequisite: FRE240H5, FRE241H5 (or **FRE240Y5Y**), **FRE280Y5** or **a minimum grade of 77% in FSL406H5 or equivalent**.  
**Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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## Course #29 FRE370H5 Voices from No-Man's Land: Diaspora Writings in the 21st Century Francophone Literature

**Before:** Prerequisite: **FRE280Y5**, FRE240H5, FRE241H5 (or **FRE240Y5**). **Recommended** Preparation:

**After:** Prerequisite: FRE240H5, FRE241H5 (or **FRE240Y5**), **FRE280Y5** or **a minimum grade of 77% in FSL406H5 or equivalent**.  
**Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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## Course #30 FRE372H5 History of the French Language I

**Before:** Prerequisite: FRE280Y5 or equivalent. **Recommended** Preparation:

**After:** Prerequisite: FRE280Y5 or **a minimum grade of 77% in FSL406H5 or equivalent**.  
**Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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## Course #31 FRE373H5 History of the French Language II

**Before:** Prerequisite: FRE280Y5 or equivalent. **Recommended** Preparation:

**After:** Prerequisite: FRE280Y5 or **a minimum grade of 77% in FSL406H5 or equivalent**.  
**Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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## Course #32 FRE376H5 French Phonology and Phonetics

**Before:** Prerequisite: **FRE272Y5** **Recommended** Preparation:

**After:** Prerequisite: **FRE272Y5**, **FRE280Y5** or **a minimum grade of 77% in FSL406H5 or equivalent**.  
**Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this

option clear to students and encourages them to pursue their studies in French.

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### Course #33 FRE378H5 French Syntax

**Before:** Prerequisite: **FRE272Y5 Recommended** Preparation:

**After:** Prerequisite: **FRE272Y5, FRE280Y5 or a minimum grade of 77% in FSL406H5 or equivalent.**  
**Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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### Course #34 FRE380H5 Plurilingual Theatre : Developing Writing and Oral Skills in French

**Before:** Prerequisite: FRE240H5, FRE241H5 (or FRE240Y5), FRE280Y5 or equivalent.

**After:** Prerequisite: FRE240H5, FRE241H5 (or FRE240Y5), **FRE283H5**, FRE280Y5 **or a minimum grade of 77% in FSL406H5** or equivalent.

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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### Course #35 FRE382H5 Advanced Language Practice: Written French

**Before:** Prerequisite: **FRE280Y5/FSL280Y5 or Placement Test results.**

**After:** Prerequisite: Placement Test **results/FRE283H5, FRE280Y5 or a minimum grade of 77% in FSL406H5 or equivalent.**

**Rationale:** The addition of FREH283H ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics.  
It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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### Course #36 FRE383H5 Advanced Language Practice: Oral

**Before:** Prerequisite: **FRE280Y5/FSL280Y5 Course** Exclusion: FSL383H5, **FRE381H5**, FSL443H1. **NOT OPEN TO NATIVE SPEAKERS.**

**After:** Prerequisite: **FRE283H5, FRE280Y or FSL405H5.**  
**Course** Exclusion: FSL383H5, FSL443H1. **class='underline'>Not open to native French speakers.**

**Rationale:** Updated prerequisites course codes. Addition of FSL405H5 as a prerequisite this will offer much needed oral practice to FSL students as the FSL series does not offer courses focusing on oral practice. French minor students will benefit from having more course offerings. Students taking FSL466H5 (French for Business Communication) will be better prepared so that learning in that course will focus solely on field-specific language learning.

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### Course #37 FRE387H5 French Morphology

**Before:** Prerequisite: **FRE272Y5 Recommended** Preparation:

**After:** Prerequisite: **FRE272Y5, FRE280Y5 or a minimum grade of 77% in FSL406H5 or equivalent.**  
**Recommended** Preparation: **FRE283H5**

**Rationale:**

The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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### Course #38 FRE391H5 Women of the Francophone World

**Before:** Prerequisite: FRE280Y5 **Recommended** Preparation:

**After:** Prerequisite: FRE280Y5 **or a minimum grade of 77% in FSL406H5 or equivalent. Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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### Course #39 FRE393H5 French Cinéma: An Introduction

**Before:** Prerequisite: FRE280Y5 **Recommended** Preparation:

**After:** Prerequisite: FRE280Y5 **or a minimum grade of 77% in FSL406H5 or equivalent. Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics. It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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### Course #40 FRE397H5 Films of the Francophone World

**Before:** Prerequisite: **FRE280Y5.**

**After:** Prerequisite: **FRE283H5, FRE280Y5 or a minimum grade of 77% in FSL406H5 or equivalent.**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics.  
It is a de facto situation that the students who complete the FSL series of courses and do well often take FRE courses at the 300 level. Stating the possibility of moving between FSL and FRE in the calendar makes this option clear to students and encourages them to pursue their studies in French.

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### Course #41 FRE482H5 Creative Writing

**Before:** Prerequisite: FRE240H5, FRE241H5 (or **FRE240Y5)/FRE280Y5/FSL280Y5 Recommended** Preparation:

**After:** Prerequisite: FRE240H5, FRE241H5 (or **FRE240Y5)/FRE280Y5 Recommended** Preparation: **FRE283H5**

**Rationale:** The addition of FRE283H5 ensures that students are sufficiently competent to follow lectures given in French on subject-specific topics.

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### Course #42 FSL105H5 Functional French-Novice

**Before:** Course Exclusion: FSL100H1 or higher. Not open to students who have studied French in secondary **school. Not** open to native speakers of **French.**

**After:** Course Exclusion: FSL100H1 or higher. Not open to students who have studied French in secondary **school (Core French, French Immersion, Extended French, French Secondary School).** **class='underline'>Not** open to native speakers of **French.**

**Rationale:** Provide explicit prerequisites and exclusions to eliminate confusion at the time of enrollment.

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### Course #43 FSL106H5 Functional French-Advanced Beginner

- Before:** Prerequisite: ~~FSL106H5~~ or Placement Test ~~results.~~ ~~Course~~ Exclusion: Grade 11 ~~French/FSL102H1~~ or ~~higher.~~ ~~Not open to native speakers of French.~~
- After:** Prerequisite: Placement Test recommendation (first year students)/FSL105H5. All first year students enrolling in French language courses MUST complete the online placement test. ~~Course~~ Exclusion: Grade 11 Core French or higher/FSL102H1/All grade levels in French Immersion/Extended French/French Secondary Schools.
- Rationale:** Provide explicit prerequisites and exclusions to eliminate confusion at the time of enrollment.
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### Course #44 FSL205Y5 Functional French-Intermediate

- Before:** Prerequisite: ~~FSL106H5/Grade 11 OAC French/Placement Test recommendation.~~ ~~Course~~ Exclusion: ~~FSL121Y1, FSL205H5, 206H5~~ or ~~higher.~~
- After:** Prerequisite: Placement test recommendation/FSL106H5. All first year students enrolling in French language courses MUST complete the online placement test. ~~Course~~ Exclusion: Grade 12 Core French/FSL121Y1, FSL205H5/All grade levels in French Immersion/Extended French/French Secondary Schools.
- Rationale:** Provide explicit prerequisites and exclusions to eliminate confusion at the time of enrollment.
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### Course #45 FSL305Y5 Functional French-High Intermediate

- Before:** Course Exclusion: FRE180H5, FRE181H5, FSL221Y1, FSL305H5, FSL306H5 or **higher**
- After:** Course Exclusion: FRE180H5, FRE181H5, FSL221Y1, FSL305H5, FSL306H5 or **higher. All grade levels in French Immersion/Extended French/French Secondary Schools.**
- Rationale:** Provide explicit prerequisites and exclusions to eliminate confusion at the time of enrollment.
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### Course #46 FSL405H5 Functional French-Advanced I

- Before:** Prerequisite: **FSL305Y5/FIF4U/Placement test recommendation. Course** Exclusion: FSL385H5, **386H5, FRE382H5, FRE383H5,** FSL331Y1, **FSL321Y1**
- After:** Prerequisite: **Placement test recommendation/FSL305Y5. All first year students must complete the French Placement Test.** ~~Course~~ Exclusion: FSL385H5, **FSL386H5,** FSL331Y1, **FSL321Y1, FRE382H5, FRE383H5.**
- Rationale:** Provide explicit prerequisites and exclusions to eliminate confusion at the time of enrollment.
- 

### Course #47 FSL406H5 Functional French-Advanced II

- Before:** Prerequisite: **FSL405H5/FIF4U/Placement test recommendation. Course** Exclusion: FSL385H5, **386H5,** FSL331Y1, **FSL321Y1**
- After:** Prerequisite: **Placement test recommendation/FSL405H5. All first year students must complete the French Placement Test.** ~~Course~~ Exclusion: FSL385H5, **FSL386H5,** FSL331Y1, **FSL321Y1, FRE382H5, FRE383H5.**
- Rationale:** Provide explicit prerequisites and exclusions to eliminate confusion at the time of enrollment.
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### Course #48 ITA200Y5 Continuing Italian

- Before:** Prerequisite: **ITA102H/ 100Y5** or Grade 12 Italian **Course** Exclusion:
- After:** Prerequisite: **ITA00Y5** or Grade 12 **OAC** Italian **Course** Exclusion: **ITA201Y5.**
- Rationale:** Removed ITA102H5. Course no longer exists.
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### Course #49 LIN406H5 Language Diversity and Language Universals

**Before:** Prerequisite: LIN232H5

**After:** Prerequisite: LIN232H5 **plus 0.5 credit in a 300-level LIN course.**

**Rationale:** The additional prerequisite is needed to ensure that students enrolling in the course have sufficient maturity in the discipline.

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### Course #50 LIN410H5 Critical Reading and Writing in English Linguistics

**Before:** Recommended Preparation: **LIN205H5**

**After:** Recommended Preparation:

**Rationale:** Error in the doubling of LIN205H5 as both a prerequisite and a recommended preparation.

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### Course #51 LIN456H5 Sociolinguistics and Second Language Teaching and Learning

**Before:** Prerequisite: **LIN256H5/JAL253H5**

**After:** Prerequisite: **LIN256H5 (or permission from instructor), plus 0.5 credit in a 300-level LIN course.**

**Rationale:** JAL253H5 is not an appropriate prerequisite for this course. The difference between LIN256H5 and JAL253H5 will be even greater assuming the change above (JAL253H5 becomes a course more appropriate for the ELL minor).

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### Course #52 LIN460H5 Special Topics in Language Change

**Before:** Prerequisite: LIN231H5/LIN232H5/LIN247H5, and **LIN256H5/JAL253H5/LIN258H5**

**After:** Prerequisite: LIN231H5/LIN232H5/LIN247H5, and **LIN256H5//LIN258H5, plus 0.5 credit in a 300-level LIN course.**

**Rationale:** The additional prerequisite is needed to ensure that students enrolling in the course have sufficient maturity in the discipline and the exclusion of JAL253H5 is required given these students would not have sufficient background to work with original data.

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### Course #53 LIN466H5 Topics in Creole Linguistics

**Before:** Prerequisite: LIN229H5, LIN231H5/232H5/366H5

**After:** Prerequisite: LIN229H5, LIN231H5/232H5/366H5 , **plus 0.5 credit in a 300-level LIN course.**

**Rationale:** The additional prerequisite is needed to ensure that students enrolling in the course have sufficient maturity in the discipline.

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### Course #54 LIN468H5 Research Methods in Linguistics

**Before:** Prerequisite: **LIN101H5, LIN102H5 (or LIN100Y5)**, plus 0.5 credit in **LIN at the 300-level Recommended** Preparation:

**After:** Prerequisite: **LIN256H5/JAL253H5/LIN258H5**, plus 0.5 credit in **a 300-level LIN course. Recommended** Preparation: **LIN368H5**

**Rationale:** The additional prerequisite is needed to ensure that students enrolling in the course have sufficient maturity in the discipline. With the introduction of LIN368H5, which would provide useful preparation for LIN468H5, we would like to encourage but not require students to take it before or concurrently with LIN468H5.

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### Course #55 LIN474H5 Teaching and Learning Varieties of Canadian French

**Before:** Prerequisite: **LIN256H5/JAL253H5** and reading ability in French.

**After:**

Prerequisite: **LIN256H5 (or permission from instructor), plus 0.5 credit in a 300-level LIN course** and reading ability in French.

**Rationale:** JAL253H5 is not an appropriate prerequisite for this course. The difference between LIN256H5 and JAL253H5 will be even greater assuming the change above (JAL253H5 becomes a course more appropriate for the ELL minor).

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### Course #56 PHL202H5 Ancient Philosophy

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**  
**Recommended** Preparation: **PHL100Y5/101Y5/105Y5**

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.  
**Recommended** Preparation:

**Rationale:** Course are no longer applicable as a prerequisite. Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #57 PHL210Y5 17th and 18th Century Philosophy

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

**Rationale:** Courses no longer applicable as prerequisite. Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #58 PHL220H5 Existentialism

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

**Rationale:** Courses no longer applicable as prerequisite.

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### Course #59 PHL235H5 Philosophy of Religion

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

**Rationale:** Courses no longer applicable as prerequisite.

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### Course #60 PHL240H5 Minds and Machines

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

**Rationale:** Courses no longer applicable as prerequisite.

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### Course #61 PHL241H5 Freedom and Determinism

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

**Rationale:** Courses no longer applicable as prerequisite.

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## Course #62 PHL242H5 Science Fiction and Philosophy

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or ***PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or*** 4.0 credits.  
**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.  
**Rationale:** Courses no longer applicable as prerequisite.

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## Course #63 PHL244H5 Human Nature

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or ***PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or*** 4.0 credits.  
**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.  
**Rationale:** Courses no longer applicable as prerequisite.

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## Course #64 PHL245H5 Modern Symbolic Logic

**Before:** Recommended Preparation:  
**After:** Recommended Preparation: ***PHL102H5***  
**Rationale:** PHL102H5 should provide a good in-depth introduction to Modern Symbolic Logic.

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## Course #65 PHL246H5 Probability and Inductive Logic

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or ***PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or*** 4.0 credits.  
**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.  
**Rationale:** Courses no longer applicable as prerequisite. Correcting the calendar to accurately reflect how the course is actually being taught.

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## Course #66 PHL255H5 Philosophy of Science

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or ***PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or*** 4.0 credits.  
**Course Exclusion:** ***PHL252H5***  
**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.  
**Course Exclusion:** ***PHL252H5, PHL355H1, PHLC72H3***  
**Rationale:** Added exclusions for similar courses that are offered at St. George and UTSC. Courses no longer applicable as prerequisite.

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## Course #67 PHL258H5 Puzzles and Paradoxes

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or ***PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or*** 4.0 credits.  
**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.  
**Rationale:** Courses no longer applicable as prerequisite.

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## Course #68 PHL265H5 Social and Political Philosophy

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or ***PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or*** 4.0 credits.  
**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.  
**Rationale:** Courses no longer applicable as prerequisite.

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### Course #69 PHL267H5 Feminism

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or** 4.0 credits.  
**Course** Exclusion: PHL277Y5, PHLB13H3

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.  
**Course** Exclusion: PHL277Y5, **PHL367H1**, PHLB13H3

**Rationale:** Similar course is offered at St George. Course exclusion has been added. Courses no longer applicable as prerequisite.

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### Course #70 PHL271H5 Ethics and the Law

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or** 4.0 credits.

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

**Rationale:** Courses no longer applicable as prerequisite. Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #71 PHL272H5 Philosophy of Education

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or** 4.0 credits.

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

**Rationale:** Courses no longer applicable as prerequisite.

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### Course #72 PHL273H5 Environmental Ethics

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or** 4.0 credits.

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

**Rationale:** Courses no longer applicable as prerequisite.

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### Course #73 PHL274H5 Ethics and Society

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or** 4.0 credits.

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

**Rationale:** Courses no longer applicable as prerequisite.

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### Course #74 PHL275H5 Ethics and Moral Philosophy

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 or** 4.0 credits.

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

**Rationale:** Courses no longer applicable as prerequisite. Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #75 PHL277Y5 Moral, Social and Political Philosophy Through Its History

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H (may be taken as a corequisite) or** 4.0 credits **PHL145H (may be taken as a corequisite). Course**  
Exclusion: PHL265H, **PHL275 Recommended** Preparation: **PHL100Y5/101Y5/105Y5**

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**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits

**Course** Exclusion: PHL265H, **PHL275, PHLB17H3**

**Recommended** Preparation:

**Rationale:** Similar course is offered a UTSC. Course exclusion has been added. Courses no longer applicable as prerequisite. Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #76 PHL282H5 Ethics: Death and Dying

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or** 4.0 credits.

**Course** Exclusion:

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

**Course** Exclusion: **PHL382**

**Rationale:** Course exclusions for St. George and previous course code added. Courses no longer applicable as prerequisite.

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### Course #77 PHL283H5 Bioethics

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or** 4.0 credits.

**Course** Exclusion: **PHL281Y1**

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

**Course** Exclusion: **PHL281Y1, PHL281H1, PHLB09H3**

**Rationale:** Similar course offered at St. George and UTSC, course exclusions added. Courses no longer applicable as prerequisite.

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### Course #78 PHL285H5 Philosophy of Art

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or** 4.0 credits.

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

**Rationale:** Courses no longer applicable as prerequisite. Correcting the calendar to accurately reflect how the course is actually being taught.

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### Course #79 PHL290H5 Philosophical Issues in Psychoanalysis

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or** 4.0 credits.

**Course** Exclusion:

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

**Course** Exclusion: **PHL319H1**

**Rationale:** Similar course offered at St. George, course exclusion added. Courses no longer applicable as prerequisite.

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### Course #80 PHL295H5 Philosophy of Business

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or** 4.0 credits.

**Course** Exclusion:

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

**Course** Exclusion: **PHLB06H3**

**Rationale:** Similar course offered at UTSC, course exclusion added. Courses no longer applicable as prerequisite.

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### Course #81 PHL299Y5 Research Opportunity Program

**Before:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

**After:** Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

**Rationale:** Courses no longer applicable as prerequisite.

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### Course #82 PHL307H5 Topics in Mediaeval Philosophy

**Before:** Course Exclusion:

**After:** Course Exclusion: **PHL309H1**

**Rationale:** Similar course offered at St. George, course exclusion added.

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### Course #83 PHL332H5 Issues in Metaphysics

**Before:** Course Exclusion: PHL330Y1, PHLC60H3

**After:** Course Exclusion: PHL330Y1, **PHL331H1**, PHLC60H3

**Rationale:** Similar course offered at St. George, course exclusion added.

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### Course #84 PHL333H5 Issues in Epistemology

**Before:** Course Exclusion: **PHL330Y1**

**After:** Course Exclusion: **PHL330Y1, PHL332H1**

**Rationale:** Similar course offered at St. George, course exclusion added

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### Course #85 PHL348H5 Metalogic

**Before:** Course Exclusion: PHL344H5, MAT309H5, **CSC438H1**

**After:** Course Exclusion: PHL344H5, MAT309H5, **CSC438H1, PHLD51H3**

**Rationale:** Similar course offered at UTSC, course exclusion added

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### Course #86 PHL350H5 Philosophy of Language

**Before:** Course Exclusion: PHLC80H3

**After:** Course Exclusion: **PHL351H1**, PHLC80H3

**Rationale:** Similar course offered at St. George, course exclusion added.

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### Course #87 PHL358H5 Philosophical Issues in Cognitive Science

**Before:** Course Exclusion:

**After:** Course Exclusion: **COG250Y1**

**Rationale:** Similar course offered at St. George, course exclusion added

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### Course #88 PHL365H5 Issues in Political Philosophy

**Before:** Course Exclusion:

**After:** Course Exclusion: **PHL366H1**

**Rationale:** Similar course offered at St. George, course exclusion added

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### Course #89 PHL375H5 Issues in Moral Philosophy

**Before:** Course Exclusion: PHLC05H3, PHLC06H3  
**After:** Course Exclusion: **PHL376H1**, PHLC05H3, PHLC06H3  
**Rationale:** Similar course offered at St. George, course exclusion added

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### Course #90 RLG202H5 Introduction to Judaism

**Before:** Recommended Preparation: **HIS101H5**  
**After:** Recommended Preparation: **RLG101H5**  
**Rationale:** The revised enhanced description will give students a more complete picture of the major topics covered in this course. To update the recommended preparation course to reflect the change in the program requirements from the HIS101H5 Introduction to Historical Studies to the RLG101H5 Introduction to the Study of Religion.

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### Course #91 RLG203H5 Introduction to Christianity

**Before:** Recommended Preparation: **HIS101H5**  
**After:** Recommended Preparation: **RLG101H5**  
**Rationale:** The revised enhanced description will give students a more complete picture of the major topics covered in this course. To update the recommended preparation course to reflect the change in the program requirements from the HIS101H5 Introduction to Historical Studies to the RLG101H5 Introduction to the Study of Religion.

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### Course #92 RLG204H5 Introduction to Islam and Muslim Civilizations

**Before:** Recommended Preparation: **HIS101H5**  
**After:** Recommended Preparation: **RLG101H5**  
**Rationale:** The revised enhanced description will give students a more complete picture of the major topics covered in this course. To update the recommended preparation course to reflect the change in the program requirements from the HIS101H5 Introduction to Historical Studies to the RLG101H5 Introduction to the Study of Religion..

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### Course #93 RLG208H5 Introduction to Zoroastrianism

**Before:** Recommended Preparation: **HIS101H5**  
**After:** Recommended Preparation: **RLG101H5**  
**Rationale:** The revised enhanced description will give students a more complete picture of the major topics covered in this course. To update the recommended preparation course to reflect the change in the program requirements from the HIS101H5 Introduction to Historical Studies to the RLG101H5 Introduction to the Study of Religion.

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### Course #94 WGS345H5 Genealogies of South Asian Feminisms

**Before:** Prerequisite: WGS200Y5  
**After:** Prerequisite: **WGS101H5**/WGS200Y5  
**Rationale:** The addition of the WGS101H5 Introduction to Women and Gender Studies provides students with an option to completing the WGS200Y5 Theories in Women and Gender Studies course.

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### Course #95 WGS372H5 Theories of Sexuality

**Before:** Prerequisite: **WGS200Y5, 1.0 WGS300+ level credits. Course Exclusion:** WSTD03H3  
**Recommended** Preparation:  
**After:** Prerequisite:  
**Course Exclusion:** **WGS450H5**; WSTD03H3  
**Recommended** Preparation: **WGS101H5/WGS200Y5**  
**Rationale:** Currently there are three courses offered in the Women and Gender Studies program that focus on the broad field of Sexuality Studies at the fourth year: WGS450H5 Theories of Sexuality; WGS430H5 Diasporic Sexualities; WGS455H5

Queer Theory. Students take WGS101H5 Introduction to Women and Gender Studies and then are introduced to Sexuality Studies in the fourth year. By changing (WGS450H5) from a 4th year to the 3rd year course, students will be able to receive the theoretical foundation for the 4th year courses. The proposed change will also address the gap in 3rd year courses in the area of Sexuality Studies.

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### Course #96 WGS430H5 Diasporic Sexualities

**Before:** Prerequisite: **WGS200Y5**

**After:** Prerequisite: **WGS200Y5, 1.0 WGS300+ level credits**

**Rationale:** A fourth year course is a program requirement for the major, the additional prerequisite enhances the students academic preparation for the course.

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### Course #97 WGS455H5 Queer Theory

**Before:** Prerequisite: **WGS200Y5**

**After:** Prerequisite: **WGS200Y5, 1.0 WGS300+ level credits**

**Rationale:** A fourth year course is a program requirement for the major, the additional prerequisite enhances the students academic preparation for the course.

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### Course #98 WGS470H5 Feminism and Popular Culture

**Before:** Recommended Preparation: **WGS368H5/WGS369Y5**

**After:** Recommended Preparation: **WGS205H5/WGS368H5/WGS369Y5**

**Rationale:** The additional recommended preparation course enhances the students academic preparation for the course.

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### Course #99 utm112H5 utmONE: Power of Expression

**Before:** Course Exclusion: utm111H5, utm113H5, utm114H5, utm115H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5

**After:** Course Exclusion: utm111H5, utm113H5, utm114H5, utm115H5, **utm116H5, utm117H5, utm118H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5

**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

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### Course #100 utm115H5 utmONE: Communication Among Cultures

**Before:** Course Exclusion: utm111H5, utm112H5, utm113H5, utm114H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5

**After:** Course Exclusion: utm111H5, utm112H5, utm113H5, utm114H5, **utm116H5, utm117H5, utm118H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5

**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

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# University of Toronto Mississauga Divisional Curriculum Committee Report Template

<b>Divisional Curriculum Committee:</b>	<b>Sciences</b>
<b>Members:</b>	<p><b>Prof. Monika Havelka, Chair</b></p> <p>Prof. Heather Miller, Department of Anthropology</p> <p>Prof. Christoph Richter, Department of Biology</p> <p>Prof. Jochen Halfar, Department of Chemical &amp; Physical Sciences</p> <p>Prof. Tracy Rogers, Forensic Science</p> <p>Prof. Alan Walks, Department of Geography</p> <p>Prof. Ilia Binder, Department of Mathematical &amp; Computational Sciences</p> <p>Prof. Stuart Kamenetsky, Department of Psychology</p>
<b>Dates of Divisional Curriculum Committee Meetings:</b>	<p>Wednesday, September 21, 2016</p> <p>Monday, September 26, 2015</p> <p>Wednesday, October 5, 2015</p>
<b>Return to: Program and Curriculum Officer</b>	<p><b>Anuar Rodrigues</b></p> <p>Research Analyst Office of the Dean, UTM anuar.rodrigues@utoronto.ca</p>

# 1. Overview

There were few noteworthy changes this year. Some of those changes are:

- The addition of 15 half courses and 4 full courses, spread around several departments
- The deletion of 5 half courses
- Addition of a new Mathematics course (MAT157Y5) aimed at strong students who intend to pursue further courses in mathematics. This course has been incorporated as an option into all programs with a first-year MAT requirement.
- Addition of 2 new calculus-based Physics courses (PHY146H5/147H5) aimed at strong students who intend to pursue further courses in physics. These courses have been incorporated as options into all programs with a first-year PHY requirement.
- Deletion of references to PHY135Y and CHM140 in several programs, as these courses are no longer offered.
- The addition of new ROP courses in Computer Science and Forensic Sciences (CSC499 and FSC399).
- The addition of a new field course in Earth Science (ERS425) and revival of a popular field course in International Sustainability in Mexico (ENV431).
- The Astronomy major program, ERMAJ2204, in the Department of Chemical and Physical Sciences, has increased the program requirements from 8.5 credits to 9.0 credits by adding the required course PHY242H5 (Thermal Physics and Fluid Mechanics) in the second year. The course JCP221H5 (Thermodynamics and Kinetics) is an acceptable alternative. The addition of PHY242H5 to the Astronomy major program corrects an error of not listing this required course. Therefore, the Astronomy major has always been a 9.0 credit program.

Other changes reflected “housekeeping” – clarification of existing descriptions; updating of prerequisites to reflect course changes/additions; course renumbering to reflect course content; etc.

# 2. Rationale

These changes are aligned with the Academic Plan in that they are:

- increasing and diversifying our offerings (more flexibility and options in several programs)
- providing new courses reflecting the latest developments in rapidly-changing fields of study (e.g. epigenetics, metabolomics, scalable computing, etc.).
- providing new courses that will have broad appeal across programs, promote inter-disciplinarity (e.g. new courses in oceanography; the biology of marine mammals;

- medicinal plants and human health, etc.)
- placing a greater emphasis on experiential learning through the expansion of experiential offerings (e.g. CSC499; ENV431, ERS425 etc.)

### 3. Summary of Change Categories

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Anthropology	0	0	0	1	0	8
Astronomy	0	0	0	0	0	3
Biology	0	0	0	5	1	13
BMC	0	0	0	0	0	3
Chemistry	0	0	0	0	3	15
CCIT	0	0	0	0	1	0
Comp Sci	0	1	0	1	0	1
Earth Science	0	0	0	3	0	0
Economics	0	0	0	0	0	0
Environment	0	0	0	0	0	4
Forensic Science	0	0	0	1	0	1
Geography	0	0	1	0	1	8
Mathematics	0	2	0	0	0	8
Physics	0	0	0	2	2	8
Psychology	0	0	0	1	2	1
Science	0	0	3	0	0	0
Sociology	0	0	0	0	0	1
Statistics	0	0	1	0	0	3

Student Development and Transition	0	0	0	1	0	3
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## 4. Cumulative Glance

Division	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Science	0	4	5	15	10	80

## 5. Major Changes

None
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**Sciences**

## SCIENCES - Table of Contents

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# SUMMARY OF COURSE CHANGES

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Anthropology	0	0	0	1	0	8
Astronomy	0	0	0	0	0	3
Biology	0	0	0	5	1	13
Biomedical Communications	0	0	0	0	0	3
Chemistry	0	0	0	0	3	15
Communication, Culture, Information and Technology	0	0	0	0	1	0
Computer Science	0	1	0	1	0	1
Earth Science	0	0	0	3	0	0
Economics	0	0	0	0	0	0
Environment	0	0	0	0	0	4
Forensic Science	0	1	0	1	0	1
Geography	0	0	1	0	1	8
Mathematics	0	2	0	0	0	8
Physics	0	0	0	2	2	8
Psychology	0	0	0	1	2	1
Science	0	0	3	0	0	0
Sociology	0	0	0	0	0	1
Statistics	0	0	1	0	0	3
Student Development and Transition	0	0	0	1	0	3

# New Programs

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NONE

# Programs - Resource Implications

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## **Program #1 ERMAJ0205 Forensic Science (Science)**

Resource implications: None

## **Program #2 ERMAJ1149 Biology for Health Sciences (Science)**

Resource implications: None

## **Program #3 ERMAJ1376 Chemistry (Science)**

Resource implications: none

## **Program #4 ERMAJ1465 Earth Science (Science)**

Resource implications: no resource implication.

## **Program #5 ERMAJ1944 Physics (Science)**

Resource implications: See bottom of rationale.

## **Program #6 ERMAJ2204 Astronomy (Science)**

Resource implications: none

## **Program #7 ERMAJ2364 Biology (Science)**

Resource implications: None

## **Program #8 ERMAJ2511 Mathematical Sciences (Science)**

Resource implications: None.

## **Program #9 ERMIN1376 Chemistry (Science)**

Resource implications: none

## **Program #10 ERMIN1944 Physics (Science)**

Resource implications: See bottom of rationale.

## **Program #11 ERMIN2364 Biology (Science)**

Resource implications: None

## **Program #12 ERSPE0482 Comparative Physiology (Science)**

Resource implications: None

## **Program #13 ERSPE0509 Geology (Science)**

Resource implications: No resource implicaiton

## **Program #14 ERSPE1009 Forensic Chemistry (Science)**

Resource implications: None.

## **Program #15 ERSPE1025 Astronomical Sciences (Science)**

Resource implications: none

**Program #16 ERSPE1118 Biotechnology (Science)**

Resource implications: None

**Program #17 ERSPE1237 Molecular Biology (Science)**

Resource implications: None

**Program #18 ERSPE1376 Chemistry (Science)**

Resource implications: none

**Program #19 ERSPE1410 Forensic Biology (Science)**

Resource implications: None

**Program #20 ERSPE1465 Earth Science (Science)**

Resource implications: No resource implication.

**Program #21 ERSPE1944 Biomedical Physics Specialist (Science)**

Resource implications: See bottom of Rationale

**Program #22 ERSPE1995 Biological Chemistry (Science)**

Resource implications: none

**Program #23 ERSPE2364 Biology (Science)**

Resource implications: None

**Program #24 ERSPE2470 Behaviour, Genetics and Neurobiology (Science)**

Resource implications: None

**Program #25 ERSPE2511 Mathematical Sciences (Science)**

Resource implications: None.

# Deleted Programs

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**Program #1 ERSPE?? Health Science**

**Health Science :** asked by Diane Matias

# Programs - Other Changes

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## Program #1 ERMAJ0205 Forensic Science (Science)

**Rationale for change:** Adding in the option of the new MAT course. Deleted PHY135Y option as it is no longer offered.

**Before:** Limited Enrolment: Admission into the Forensic Science Major program is by special application ONLY and MUST be completed in conjunction with a second approved Major (see Notes 'Second Major' below). To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC Application, upon completing the minimum program entry requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:

- Completion of 4.0 credits; including 3.0 science credits.
  - Completion of CHM110H5, **120H5**) with 65% or better.
  - Completion of **MAT134Y5/135Y5/137Y5.**
  - A minimum Cumulative Grade Point Average of at least 2.7 The actual CGPA requirement in any particular year may exceed this value, in order to achieve a proper balance between enrolments and teaching resources.
  - Enrolment in an Approved Second Major (See Second Major Notes: 1). Application for admission into the program for ALL students can be found at: [www.utm.utoronto.ca/forensic](http://www.utm.utoronto.ca/forensic) Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year
- First Year **(CHM110H5, 120H5)**, FSC239Y5; **MAT134Y5/135Y5/137Y5;**  
**PHY135Y5/(PHY136H5, 137H5)**

**After:** Limited Enrolment: Admission into the Forensic Science Major program is by special application ONLY and MUST be completed in conjunction with a second approved Major (see Notes 'Second Major' below). To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC Application, upon completing the minimum program entry requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:

- Completion of 4.0 credits; including 3.0 science credits.
  - Completion of CHM110H5, **CHM120H5** with 65% or better.
  - Completion of **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5.**
  - A minimum Cumulative Grade Point Average of at least 2.7 The actual CGPA requirement in any particular year may exceed this value, in order to achieve a proper balance between enrolments and teaching resources.
  - Enrolment in an Approved Second Major (See Second Major Notes: 1). Application for admission into the program for ALL students can be found at: [www.utm.utoronto.ca/forensic](http://www.utm.utoronto.ca/forensic) Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year
- First Year **CHM110H5, CHM120H5**, FSC239Y5;  
**MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5; PHY136H5, 137H5**

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## Program #2 ERMAJ0305 Geographical Information Systems (Science)

**Rationale for change:**

**Before:**

**Third** Year **2.5** credits  
1.0 credits: GGR321H5 and GGR337H5  
**1.5** credits from the following: GGR311H5, 322H5, 335H5, 370H5, **372H5**  
**Fourth Year 0.5 credit from the following:**  
**GGR463H5, 464H5, 488H5,** 494H5

**After:**

**Third/Fourth** Year **3.0** credits  
1.0 credits: GGR321H5 and GGR337H5



**2.0** credits from the following: GGR311H5, 322H5, 335H5, 370H5, **372H5, 376H5, 437H5, 463H5**, 494H5

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### Program #3 ERMAJ1004 Paleontology (Science)

**Rationale for change:** Removal of CHM115H5

**Before:**

First Year BIO152H5, 153H5; **(CHM110H5, 120H5)/ CHM140Y5;**  
MAT134Y5/135Y5/137Y5; ENV100Y5/ERS120H5

**After:**

First Year BIO152H5, 153H5; **CHM110H5, CHM120H5;** MAT134Y5/135Y5/137Y5;  
ENV100Y5/ERS120H5

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### Program #4 ERMAJ1061 Environmental Science (Science)

**Rationale for change:**

**Before:**

First Year: 3.0 credits  
- Introduction: ENV100Y5  
- Quantitative and Basic Scientific Foundation: 2.0 credits chosen from this list: BIO152H5, 153H5, CHM110H5, 120H5; GGR112H5, ERS120H5, MAT134Y5, MAT135Y5, MAT137Y5, PHY135Y5, 136H5, 137H5  
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 Perspectives: ENV201H5  
- Biological & Ecological Perspectives: 0.5 credit chosen from this list: BIO202H5, 203H5, 205H5, 206H5  
- ~~Geographical Perspectives: 0.5 credit chosen from this list: GGR201H5, 214H5, 217H5, 227H5~~  
- Physical & Chemical Perspectives: ~~0.5~~ credit chosen from this list: CHM231H5, ~~242H5~~, JCP221H5; ~~ERS201H5; PHY237H5~~  
- Analytical & Research Methods: 0.5 credit chosen from this list: CHM211H5; BIO360H5; ~~GGR276H5;~~ STA220H5; or another program-relevant 200/300-level Research Methods course (SCI), with permission of the Program Advisor  
Upper Years: 2.5 credits  
- Environmental Science Core: ENV330H5  
- Field, Project-Based & Research Perspectives: 0.5 credit chosen from this list: ANT318H5; BIO313H5, 329H5, 416H5; ERS325H5; ENV299Y5, 331H5, 332H5, ~~399Y5;~~ GGR379H5; JEG400Y5, JEG401Y5; SCI395H5, 396H5, 498H5, 499H5; or another program-relevant Field, Experiential, or Research course (SCI), with permission of the Program Advisor  
- Biogeochemical Perspectives: 1.0 credit chosen from this list: BIO311H5, 312H5, 318Y5, 328H5, 330H5, 333H5, 373H5, 405H5, 406H5, 436H5, 464H5; CHM310H1, 311H5, 331H5, 333H5, 347H5, 361H5, 362H5, 391H5, 393H5; ENV495H5, 496H5; ERS313H5, 315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 312H5, 315H5, 316H5, 317H5, 338H5, 372H5, 374H5, 375H5, 377H5, 403H1, 406H5, 407H5, 409H1, 413H1, 463H5, 464H5, 479H5; JGE378H5; PHY331H5  
- Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, ~~368H5;~~ ECO373Y5; ~~ENV250Y5,~~ 310H5, 320H5, ~~345H5,~~ 393H5, 420H5, ~~425H5;~~ GGR318H5, 329H5, 333H5, 348H5, 349H5, 361H5, 365H5, 370H5, 418H5, 419H5, 420H5; HIS318H5, 319H5; JGE378H5; MGT394H5; PHL255H5, 273H5, 373H1; POL343Y5; SOC226H5, 339H5, 356H5; WRI375H5  
Note: ENV490H5, 491H5 can substitute for #1, #2, #3, or #4 as course requirements, where appropriate, and with permission of the Program Advisor or Academic Counsellor.

**After:**

First Year: 3.0 credits  
- Introduction: ENV100Y5  
- Quantitative and Basic Scientific Foundation: 2.0 credits chosen from this list: ANT101H5; BIO152H5, 153H5, CHM110H5, 120H5; GGR112H5, ERS120H5, MAT134Y5, MAT135Y5, MAT137Y5, PHY135Y5, 136H5, 137H5

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 Perspectives: ENV201H5

- Biological & Ecological Perspectives: 0.5 credit chosen from this list: BIO202H5, 203H5, 205H5, 206H5

- **Geographical**, Physical & Chemical Perspectives: **1.0** credit chosen from this list: CHM231H5, **242H5**; **ERS201**; **GGR201H5**, **214H5**, **217H5**, **227H5**; JCP221H5;

- Analytical & Research Methods: 0.5 credit chosen from this list: CHM211H5; BIO360H5; **GGR276H5**, **376H5**; STA220H5; or another program-relevant 200/300-level Research Methods course (SCI), with permission of the Program Advisor

Upper Years: 2.5 credits

- Environmental Science Core: ENV330H5

- Field, Project-Based & Research Perspectives: 0.5 credit chosen from this list: ANT318H5; BIO313H5, 329H5, 416H5; ERS325H5; ENV299Y5, 331H5, 332H5, **399Y5**, **496H5**; GGR379H5; JEG400Y5, JEG401Y5; SCI395H5, 396H5, 498H5, 499H5; or another program-relevant Field, Experiential, or Research course (SCI), with permission of the Program Advisor

- Biogeochemical Perspectives: 1.0 credit chosen from this list: BIO311H5, 312H5, 318Y5, 328H5, 330H5, 333H5, 373H5, 405H5, 406H5, 436H5, 464H5; CHM310H1, 311H5, 331H5, 333H5, 347H5, 361H5, 362H5, 391H5, 393H5; ENV495H5, 496H5; ERS313H5, 315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 312H5, 315H5, 316H5, 317H5, 338H5, 372H5, 374H5, 375H5, 377H5, 403H1, 406H5, 407H5, 409H1, 413H1, 463H5, 464H5, 479H5; JGE378H5; PHY331H5

- Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, **368H5**, **370H5**; ECO373Y5; **ENV310H5**, 310H5, 320H5, 393H5, 420H5, **425H5**, **430H5**; GGR318H5, **325H5**, 329H5, 333H5, 348H5, 349H5, **353H5**, 361H5, 365H5, 370H5, 418H5, 419H5, 420H5; HIS318H5, 319H5; **JEP356H5**, **452H5**; JGE378H5; MGT394H5; PHL255H5, 273H5, 373H1; POL343Y5; SOC226H5, 339H5, 356H5; WRI375H5

Note: ENV490H5, 491H5 can substitute for #1, #2, #3, or #4 as course requirements, where appropriate, and with permission of the Program Advisor or Academic Counsellor.

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## Program #5 ERMAJ1149 Biology for Health Sciences (Science)

**Rationale for change:** New courses added to list of courses offered

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

- BIO152H5, BIO153H5; CHM110H5, CHM120H5; MAT134Y5\*/MAT135Y5/MAT137Y5

- BIO202H5, BIO206H5, BIO207H5, BIO210Y5, BIO304H5, BIO310H5, BIO380H5; STA215H5\*\*/PSY201H5

- 1.0 credits from one of the following lists: Cell, Molecular, and Biotechnology Stream: BIO200H5, BIO314H5, BIO315H5, BIO360H5, BIO370Y5/ BIO371H5, BIO372H5, BIO374H5, BIO375H5, BIO404H5, BIO475H5, BIO476H5, BIO477H5; JBC472H5 Neuroscience Stream: BIO320H5, BIO360H5, BIO403H5, BIO409H5, BIO411H5

Genes and Behaviour Stream: BIO315H5, BIO318Y5/ BIO328H5, BIO341H5, BIO360H5, BIO361H5, BIO405H5, BIO407H5, BIO443H5 \*MAT134Y5 - Calculus for Life Sciences is highly recommended.

\*\*Students who plan to take BIO360 or who plan to transfer to a Biology Specialist program should enrol in STA215H5. NOTES

- CGPA for enrolment into this program is calculated based on a minimum of 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable).

- Students should be aware of the distinct credit requirement for their degree (see section 8.6 - HBSc Degree Requirements for full details). Completion of this program with another non-specialist Biology program will not satisfy the min. 12.0 distinct credit requirement for a degree. Please choose programs and courses accordingly.

- As part of your degree requirement the 'Biology for Health Sciences' Major would be academically complemented by a Major in Psychology, Anthropology, Exceptionality in Human Learning, Forensic Science, and Chemistry, as well as other disciplines such as the Major in Management. This major program would also be complemented by a Minor in Biomedical Communications (Science).

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

- BIO152H5, BIO153H5; CHM110H5, CHM120H5; MAT134Y5\*/MAT135Y5/MAT137Y5

- BIO202H5, BIO206H5, BIO207H5, BIO210Y5, BIO304H5, BIO310H5, BIO380H5; STA215H5\*\*/PSY201H5

- 1.0 credits from one of the following lists: Cell, Molecular, and Biotechnology Stream: BIO200H5, BIO314H5, BIO315H5, **BIO324H5**, BIO360H5, BIO370Y5/ BIO371H5, BIO372H5, BIO374H5, BIO375H5, BIO404H5, **BIO422H5**, BIO475H5, BIO476H5, BIO477H5; JBC472H5 Neuroscience

Stream: BIO320H5, BIO360H5, BIO403H5, BIO409H5, BIO411H5  
Genes and Behaviour Stream: BIO315H5, BIO318Y5/ BIO328H5, BIO341H5, BIO360H5, BIO361H5,  
**BIO368H5, BIO378H5**, BIO405H5, BIO407H5, **BIO422H5**, BIO443H5 \*MAT134Y5 -  
Calculus for Life Sciences is highly recommended.

\*\*Students who plan to take BIO360 or who plan to transfer to a Biology Specialist program should enrol in STA215H5. NOTES

- CGPA for enrolment into this program is calculated based on a minimum of 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable).
- Students should be aware of the distinct credit requirement for their degree (see section 8.6 - HBSc Degree Requirements for full details). Completion of this program with another non-specialist Biology program will not satisfy the min. 12.0 distinct credit requirement for a degree. Please choose programs and courses accordingly.
- 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).

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## Program #6 ERMAJ1160 Psychology (Science)

**Rationale for change:** Inclusion of new course.

**Before:**

Higher Years

- PSY201H5/ ECO220Y5/227Y5/ SOC350H5/ STA215H5/ 218H5 /220H5
- PSY210H5, 290H5
- one of the following:  
PSY270H5, PSY274H5, 280H5
- one of the following:  
PSY220H5, 230H5, 240H5
- 1.5 credits from the following courses: 0.5 credit must be taken from each group:

- Biological Bases of Behaviour:

- PSY318H5, 346H5, 351H5, 353H5, 352H5, 354H5, 355H5, 362H5, 372H5, 391H5, 392H5, 393H5, 395H5, 397H5, 398H5; BIO304H5, 310H5, 318Y5, 328H5
- Perception/Cognition/Communication: PSY312H5, 315H5, 316H5, 351H5, 360H5, 362H5, 371H5, 372H5, 374H5, 376H5, 384H5, 385H5, 387H5, 393H5, 397H5
- Developmental/Abnormal/Social/Personality: PSY310H5, 311H5, 312H5, 313H5, 315H5, 316H5, 318H5, 320H5, 321H5, 324H5, 325H5, 327H5, 328H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 345H5, 346H5, 353H5
- 1.5 additional credits in Psychology. At least 0.5 must be at the 300/400 level

**After:**

Higher Years

- PSY201H5/ ECO220Y5/227Y5/ SOC350H5/ STA215H5/ 218H5 /220H5
- PSY210H5, 290H5
- one of the following:  
PSY270H5, PSY274H5, 280H5
- one of the following:  
PSY220H5, 230H5, 240H5
- 1.5 credits from the following courses: 0.5 credit must be taken from each group:

- Biological Bases of Behaviour:

- PSY318H5, 346H5, 351H5, 353H5, 352H5, 354H5, 355H5, 362H5, 372H5, 391H5, 392H5, 393H5, 395H5, 397H5, 398H5; BIO304H5, 310H5, 318Y5, 328H5
- Perception/Cognition/Communication: PSY312H5, 315H5, 316H5, 351H5, 360H5, 362H5, 371H5, 372H5, 374H5, 376H5, 384H5, 385H5, 387H5, 393H5, 397H5
- Developmental/Abnormal/Social/Personality: PSY310H5, 311H5, 312H5, 313H5, 315H5, 316H5, **317H5**, 318H5, 320H5, 321H5, 324H5, 325H5, 327H5, 328H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 345H5, 346H5, 353H5
- 1.5 additional credits in Psychology. At least 0.5 must be at the 300/400 level

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## Program #7 ERMAJ1376 Chemistry (Science)

**Rationale for change:** The changes are to delete a course that was cancelled five years ago (CHM140). CHM115 (deferred).

**Before:** Limited Enrolment: Enrolment in the Chemistry Major Program is based on completion of 4.0 credits including **CHM140Y5(minimum grade of 60%)/(110H5,120H5)** (minimum grade of 60% in **CHM120H5) and** MAT134Y5/135Y5/137Y5.  
Year 1 **CHM140Y5/(110H5,120H5);** MAT134Y5/135Y5/137Y5  
Years 3 & 4 1.0 credits from **(CHM372H5, 373H5) / (CHM394H5, 395H5) / (CHM396H5, 397H5);** 2.5 additional 300/400-level CHM/JCP credits, at least 1.5 of which must be lecture courses .

**After:** Limited Enrolment: Enrolment in the Chemistry Major Program is based on completion of 4.0 credits including **CHM110H5,120H5)** (minimum grade of 60% in **120H5);** MAT134Y5/135Y5/137Y5.  
Year 1 **CHM110H5,120H5;** MAT134Y5/135Y5/137Y5  
Years 3 & 4 1.0 credits from **(CHM372H5,373H5)/(CHM394H5,395H5) / (CHM396H5,397H5);** 2.5 additional 300/400-level CHM/JCP credits, at least 1.5 of which must be lecture courses .

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### Program #8 ERMAJ1465 Earth Science (Science)

**Rationale for change:** Delete ERS317H5 from Program. Course has not been offered since 2011. Add ERS312H5 and ERS425H5 to program. These are two new courses being introduced. New courses will be taught on an alternating basis by current faculty. Add PHY146,147 as an option. These are new courses geared towards Specialist and Major programs in CPS. Delete CHM140Y5 and PHY135Y5 that were cancelled 5 years ago. Removing CHM115H5 (deferred).

**Before:**  
First Year **ENV100Y5/(ERS103H5, 120H5);** MAT134Y5/135Y5/137Y5;  
**CHM140Y5/(110H5,120H5)/PHY135Y5/(136H5,137H5)**  
Third and Fourth Year 2.5 credits from  
**ERS313H5/315H5/321H5/325H5/419H5/(JGE378H5/ERS317H5)**

**After:**  
First Year **ENV100Y5/(ERS103H5,120H5);** MAT134Y5/135Y5/137Y5;  
**(CHM110H5,120H5)/(PHY136H5,137H5)/(146H5,147H5)**  
Third and Fourth Year 2.5 credits from  
**ERS312H5/313H5/315H5/321H5/325H5/381H5/419H5/425H5/JGE378H5**

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### Program #9 ERMAJ1883 Exceptionality in Human Learning (Science)

**Rationale for change:** Inclusion of new course.

**Before:**  
Higher Years  
- PSY201H5/ ECO220Y5/ 227Y5/  
SOC350H5/ STA215H5/ 218H5/ 220H5/  
- PSY210H5, 240H5  
- 2.5 credits from the following: PSY310H5, 311H5, 312H5, 313H5, 315H5, 316H5, 318H5, 319H5, 321H5, 325H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 345H5, 346H5, 353H5, 374H5, 376H5, 384H5, 385H5, 391H5, 392H5, 393H5, 410H5, 440H5, 442Y5  
- 1.0 additional credit from the following: BIO204H5, 205H5, 206H5, 207H5, 210Y5, 215H5, 315H5, 341H5, 370Y5, 371H5, 372H5, 375H5, 380H5, 403H5, 407H5, 434H5, 443H5, 476H5, 477H5; ANT202H5, 203H5, 203Y5, 331H5, 332H5, 333H5, 334H5, 339Y5; PSL201Y1

**After:**  
Higher Years  
- PSY201H5/ ECO220Y5/ 227Y5/  
SOC350H5/ STA215H5/ 218H5/ 220H5/  
- PSY210H5, 240H5  
- 2.5 credits from the following: PSY310H5, 311H5, 312H5, 313H5, 315H5, 316H5, **317H5**, 318H5, 319H5, 321H5, 325H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 345H5, 346H5, 353H5, 374H5,

376H5, 384H5, 385H5, 391H5, 392H5, 393H5, 410H5, 440H5, 442Y5  
- 1.0 additional credit from the following: BIO204H5, 205H5, 206H5, 207H5, 210Y5, 215H5, 315H5, 341H5, 370Y5, 371H5, 372H5, 375H5, 380H5, 403H5, 407H5, 434H5, 443H5, 476H5, 477H5; ANT202H5, 203H5, 203Y5, 331H5, 332H5, 333H5, 334H5, 339Y5; PSL201Y1

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### Program #10 ERMAJ1944 Physics (Science)

- Rationale for change:** The proposed changes of this program are to incorporate the two new first-year calculus-based physics courses i.e. PHY146H5 and PHY147H5 which are introduced to better prepare the students for higher physics studies. **Resource Implications:** Resources are needed only for the two new courses PHY146H5 and PHY147H5, as described in the 'New courses' section.
- Before:** Limited Enrolment: Enrolment in this program is based on completion of 4.0 credits including ~~PHY135Y/(136H5, 137H5)~~ (minimum grade of ~~60%~~). ~~PHY333H5~~ and JCP421H5 alternate with PHY332H5 and PHY451H5, respectively, in consecutive years. Check ~~individual~~ course listing for the details in a given calendar ~~year~~.  
Year 1 ~~PHY135Y5/(136H5, 137H5)~~; MAT134Y5/135Y5/137Y5  
Year 2 PHY241H5, 242H5, 245H5, ~~JCP221H5/CHM221H5~~
- After:** Limited Enrolment: Enrolment in this program is based on completion of 4.0 credits including PHY146H5 and 147H5 (minimum grade of 60%). Notes  
- PHY333H5 and JCP421H5 alternate with PHY332H5 and PHY451H5, respectively, in consecutive years.  
- Check individual course listing for the details in a given calendar year.  
- The calculus-based 1st year PHY146H5,147H5 courses are required as prerequisites for upper year physics courses and highly recommended for JCP courses.  
- PHY136H5/137H5 will no longer be accepted for admission into this program after the 2017/18 academic year.  
Year 1 (PHY136H5,137H5)/(146H5,147H5) (minimum grade of 60%); MAT134Y5/135Y5/137Y5  
Year 2 PHY241H5, 242H5, 245H5, JCP221H5

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### Program #11 ERMAJ2070 Geography (Science)

- Rationale for change:** we have listed the specific fourth year courses that are applicable to the program because we also offer fourth year GIS courses that though designated as SCi are not applicable to be used towards the fourth year physical geography requirement.
- Before:**  
Third Year 2.5 credits:  
2.0 credits from the following:  
GGR305H5, 307H5, 309H5, 315H5, 316H5, 317H5, 338H5, 374H5, 377H5, 379H5, 384H5;  
**JEG400Y5, JGE378H5**  
0.5 additional credit from the list above or from the following:  
GGR311H5, 312H5, 321H5, 322H5, 335H5, 337H5, 372H5, 375H5, 380H5  
Fourth Year 0.5 credit **from any GGR Science designated 400-level courses as described in the Geography Course Descriptions section of this calendar.**
- After:**  
Third Year 2.5 credits:  
2.0 credits from the following:  
GGR305H5, 307H5, 309H5, 315H5, 316H5, 317H5, 338H5, 374H5, **376H5**, 377H5, 379H5, 384H5;  
JGE378H5  
0.5 additional credit from the list above or from the following:  
GGR311H5, 312H5, 321H5, 322H5, 335H5, 337H5, 372H5, 375H5, 380H5  
Fourth Year 0.5 credit **from: GGR406H5, GGR407H5, GGR417H5, GGR479H5, GGR484H5; JEG400Y5**

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### Program #12 ERMAJ2204 Astronomy (Science)

<b>Rationale for change:</b>	An additional 0.5 credit was added to the 2nd year PHY requirement. The course AST320H1 that is required in the third year has a prerequisite of PHY252H1. The course PHY242H5 is the corresponding UTM course. The course JCP221H5 is a very similar course with a stronger chemistry orientation. The requirement of PHY242H5/JCP221H5 is present in the specialist program and should be in the major program. 1) PHY135Y5 has been discontinued for long enough that it can be dropped. 2) Physics is introducing PHY146H5 and PHY147H5, which include calculus, for students studying the physical sciences and keep PHY136H5,137H5 for one more year. 3) MAT is introducing new courses MAT157Y5 and 240H5 as an alternative.
<b>Before:</b>	Limited Enrolment: <del>Limited</del> Enrolment <del>— Enrolment</del> in this program is based on the completion of 4.0 credits, including the following courses: AST110H5; MAT102H5, <del>MAT135Y5/137Y5, 223H5; PHY135Y5/(PHY136H5, 137H5)9.5</del> credits are <del>required</del> . First Year AST110H5; MAT102H5, <del>135Y5/137Y5, MAT223H5; PHY135Y5/(136H5,137H5) (70% recommended)</del> Second Year AST221H1(G), 222H1(G); MAT244H5, 232H5/233H5, 236H5; PHY241H5, <del>245H5</del>
<b>After:</b>	Limited Enrolment: Enrolment in this program is based on the completion of 4.0 credits, including the following courses: AST110H5; MAT102H5, <u>MAT135Y5/137Y5/157Y5, 223H5/240H5; (PHY136H5, 137H5)/(146H5, 147H5)9.0</u> credits are <u>required.PHY136H5/137H5 will no longer be accepted for admission into the program after the 2017/18 academic year.</u> First Year AST110H5; MAT102H5, <u>135Y5/137Y5/157Y5, 223H5/240H5; (PHY136H5,137H5)/(146H5,147H5)</u> Second Year AST221H1(G), 222H1(G); MAT244H5, 232H5/233H5, 236H5; PHY241H5, <u>PHY242H5/JCP221H5, PHY245H5</u>

### Program #13 ERMAJ2511 Mathematical Sciences (Science)

<b>Rationale for change:</b>	This is the requirement at St George. This change prevents students from taking only MAT223H5 and MAT240H5 and neither of the two more advanced courses MAT224H5 or MAT247H5. Adding MAT157Y5 and MAT257Y5 is to accommodate the two new courses.
<b>Before:</b>	NOTES:  - MAT137Y5 is highly recommended. - Students enrolled in this program may participate in the PEY program. For more information visit <a href="http://www.pey.utoronto.ca">www.pey.utoronto.ca</a> First Year MAT102H5, <b>134Y5/135Y5/137Y5</b> Second Year <b>MAT202H5,232H5/233H5, 244H5, two courses from (MAT223H5,224H5,240H5,247H5)</b>
<b>After:</b>	NOTES:  - MAT137Y5 is highly recommended. - <b>Mathematical Majors are strongly encouraged to enroll in MAT240H5 followed by MAT247H5.</b> - Students enrolled in this program may participate in the PEY program. For more information visit <a href="http://www.pey.utoronto.ca">www.pey.utoronto.ca</a> First Year MAT102H5, <b>134Y5/135Y5/137Y5/157Y5, 223H5/240H5</b> Second Year <b>MAT202H5,232H5/233H5/257Y5, 224H5/247H5, 244H5</b>

### Program #14 ERMIN0205 Forensic Science

<b>Rationale for change:</b>	Deleted HSC403H5 as an optional course and replaced it with HSC404H5.
<b>Before:</b>	Third Year FSC360H5 and 1.0 credit from FSC300H5, FSC302H5, FSC311H5, FSC315H5; ANT306H5; PSY344H5 Fourth Year 1.0 credit from FSC401H5, FSC402H5, FSC406H5, FSC407H5; ANT439H5; <b>HSC403H5</b> , HSC405H5
<b>After:</b>	



Third Year FSC360H5 and 1.0 credit from FSC300H5, FSC302H5, **FSC303H5**, FSC311H5, FSC315H5; ANT306H5; PSY344H5  
Fourth Year 1.0 credit from FSC401H5, FSC402H5, FSC406H5, FSC407H5; ANT439H5; **HSC404H5**, HSC405H5

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### Program #15 ERMIN0305 Geographical Information Systems (Science)

**Rationale for change:**

**Before:**

**Third** Year 1.5 credits from the following:  
GGR311H5, 321H5, 322H5, 335H5, 337H5, 370H5, **372H5**

**After:**

**Third/Fourth** Year 1.5 credits from the following:  
GGR311H5, 321H5, 322H5, 335H5, 337H5, 370H5, **372H5, 376H5, 463H5, 476H5, 494H5**

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### Program #16 ERMIN1061 Environmental Science (Science)

**Rationale for change:**

**Before:**

Upper Years: 1.0 credit  
- Field, Project-based & Research Perspectives: 0.5 credit chosen from this list: ANT318H5; BIO313H5, 329H5, 416H5; ERS325H5; ENV299Y5, 330H5, **399Y5**; GGR379H5; JEG400Y5, SCI395H5, 396H5; or another program-relevant Field, Project-Based, or Research course, with permission of the Program Advisor  
- Biogeochemical Perspectives: 0.5 credit chosen from this list: BIO311H5, 330H5, 333H5, 373H5; CHM311H5, 333H5, 347H5, 361H5, 362H5, 391H5, 393H5; ENV495H5, 496H5; ERS313H5, 315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 312H5, 315H5, 316H5, 317H5, 338H5, 372H5, 374H5, 375H5, 377H5, 384H5, 484H5; JGE378H5; PHY331H5

**After:**

Upper Years: 1.0 credit  
- Field, Project-based & Research Perspectives: 0.5 credit chosen from this list: ANT318H5; BIO313H5, 329H5, 416H5; ERS325H5; ENV299Y5, 330H5, **399Y5, 496H5**; GGR379H5; JEG400Y5, SCI395H5, 396H5; or another program-relevant Field, Project-Based, or Research course, with permission of the Program Advisor  
- Biogeochemical Perspectives: 0.5 credit chosen from this list: BIO311H5, 330H5, 333H5, 373H5; CHM311H5, 333H5, 347H5, 361H5, 362H5, 391H5, 393H5; ENV495H5, 496H5; ERS313H5, 315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 312H5, 315H5, 316H5, 317H5, 338H5, 372H5, 374H5, 375H5, 377H5, 384H5, 484H5; JGE378H5; PHY331H5

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### Program #17 ERMIN1376 Chemistry (Science)

**Rationale for change:** The changes are to delete a course that was cancelled five years ago (CHM140) CHM115 Removed (deferred)

**Before:** Limited Enrolment: Enrolment in the Chemistry Minor Program is based on completion of 4.0 credits including **CHM140Y5(minimum grade of 60%)/(110H5,120H5)** (minimum grade of 60% in **CHM120H5**) and MAT134Y5/135Y5/137Y5  
Year 1 **CHM140Y5/(110H5,120H5)**

**After:** Limited Enrolment: Enrolment in the Chemistry Minor Program is based on completion of 4.0 credits including **CHM110H5,120H5** (minimum grade of 60% in **120H5**) and MAT134Y5/135Y5/137Y5

### Program #18 ERMIN1944 Physics (Science)

**Rationale for change:** The proposed changes of this program are to incorporate the two new first-year calculus-based physics courses i.e. PHY146H5 and PHY147H5 which are introduced to better prepare the students for higher physics studies. Keep PHY136H5,137H5 for one more year. **Resource Implications** Resources are needed only for the two new courses PHY146H5 and PHY147H5, as described in the 'New courses' section.

**Before:** Limited Enrolment: Enrolment in this program is based on completion of 4.0 credits including ~~PHY135Y/(136H5, 137H5)~~ (minimum grade of ~~60%~~). ~~PHY333H5~~ and JCP421H5 alternate with PHY332H5 and PHY451H5, respectively, in consecutive years. Check individual course listing for the details in a given calendar ~~year~~.  
Year 1 ~~PHY135Y5/(136H5, 137H5)~~

**After:** Limited Enrolment: Enrolment in this program is based on completion of 4.0 credits including PHY146H5 and 147H5 (minimum grade of 60%). Notes  
- PHY333H5 and JCP421H5 alternate with PHY332H5 and PHY451H5, respectively, in consecutive years.  
- Check individual course listing for the details in a given calendar year.  
- Check all prerequisites and corequisites when registering for second (and higher) year courses.  
- PHY136H5/137H5 will no longer be accepted for admission into the program after the 2017/18 academic year.  
Year 1 (PHY136H5,137H5)/(146H5,147H5) (minimum grade of 60%)

### Program #19 ERMIN2070 Geography (Science)

**Rationale for change:**

**Before:**  
~~First Year 1.0 credit: GGR111H5 & GGR112H5 (formerly GGR117Y5)~~  
~~Second Year 1.0 credit from GGR201H5, 214H5, 217H5, 227H5~~  
~~2.0 additional credits from the list of GGR Science courses as described in the Geography Course Descriptions section of this calendar, including at least 1.0 credit at the 300/400 level.~~

**After:**  
4.0 Credits are required 1.0 credit from: GGR201H5, 214H5, 217H5, 227H5  
3.0 credits from: GGR305H5, 307H5, 309H5, 315H5, 316H5, 317H5, 338H5, 374H5, 376H5, 377H5, 379H5, 384H5, 406H5, 407H5, 417Y5, 479H5, 484H5; JGE378H5, 400Y5

### Program #20 ERSPE0482 Comparative Physiology (Science)

**Rationale for change:** Removal of CHM115H5 to program entrance requirements and first year course requirements. Addition of new course BIO422H5.

**Before:**  
Third and Fourth Years  
- BIO304H5, BIO310H5, BIO312H5, BIO360H5, BIO409H5; CHM242H5, CHM243H5  
- At least 2.0 credits from: BIO320H5, BIO354H5, BIO361H5, BIO372H5, BIO404H5, BIO410H5, BIO411H5, BIO412H5, BIO481Y5; CHM361H5, CHM362H5; JCB487Y5; PHY332H5, PHY333H5; PSY290H5, PSY395H5  
- 1.0 additional BIO credit

**After:**  
Third and Fourth Years  
- BIO304H5, BIO310H5, BIO312H5, BIO360H5, BIO409H5; CHM242H5, CHM243H5  
- At least 2.0 credits from: BIO320H5, BIO354H5, BIO361H5, BIO372H5, BIO404H5, BIO410H5, BIO411H5, BIO412H5, **BIO422H5**, BIO481Y5; CHM361H5, CHM362H5; JCB487Y5; PHY332H5, PHY333H5; PSY290H5, PSY395H5



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### Program #21 ERSPE0509 Geology (Science)

**Rationale for change:** Add ERS312H5 to program. This is a new course being introduced. Add PHY146/147 as an option. These are new courses geared towards Specialist programs in CPS. New course will be taught on an alternating basis by current faculty. Delete CHM140Y5 and PHY135Y5 that were cancelled 5 years ago. Removing CHM115H5 (deferred)

**Before:**

First Year **CHM140Y5/(110H5,120H5); ENV100Y5/(ERS103H5, 120H5);**  
MAT134Y5/135Y5/137Y5; **PHY135Y5/(136H5,137H5)**  
Third Year ERS313H5, 325H5; 1.5 credits from  
**ERS315H5/321H5/ESS322H1(G)/311H1(G)**

**After:**

First Year **(CHM110H5,120H5); ENV100Y5/ (ERS103H5,120H5);**  
MAT134Y5/135Y5/137Y5; **(PHY136H5,137H5)/(146H5,147H5)**  
Third Year ERS313H5, 325H5; 1.5 credits from  
**ERS312H5/315H5/321H5/381H5/ESS322H1/311H1**

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### Program #22 ERSPE1009 Forensic Chemistry (Science)

**Rationale for change:** Adding option of new MAT course.

**Before:**

Limited Enrolment: Admission into the Forensic Science-Chemistry program is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC application, upon completing the minimum program entry requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:

- Completion of 4.0 credits; including 3.0 science credits.
- Completion of CHM110H5 with 65% or better and CHM120H5 with 65% or better.
- Completion of **MAT134Y5/MAT135Y5/MAT137Y5.**
- A minimum Cumulative Grade Point Average of at least 3.0. The actual minimum CGPA requirement varies from year to year but is never lower than 3.0 Application for admission into the program for ALL students can be found at: [www.utm.utoronto.ca/forensic](http://www.utm.utoronto.ca/forensic) Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year  
First Year CHM110H5, CHM120H5; BIO152H5, FSC239Y5;  
**MAT134Y5/MAT135Y5/MAT137Y5;** PHY136H5, PHY137H5

**After:**

Limited Enrolment: Admission into the Forensic Science-Chemistry program is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC application, upon completing the minimum program entry requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:

- Completion of 4.0 credits; including 3.0 science credits.
- Completion of CHM110H5 with 65% or better and CHM120H5 with 65% or better.
- Completion of **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5.**
- A minimum Cumulative Grade Point Average of at least 3.0. The actual minimum CGPA requirement varies from year to year but is never lower than 3.0 Application for admission into the program for ALL students can be found at: [www.utm.utoronto.ca/forensic](http://www.utm.utoronto.ca/forensic) Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year  
First Year CHM110H5, CHM120H5; BIO152H5, FSC239Y5;  
**MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5;** PHY136H5, PHY137H5

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### Program #23 ERSPE1020 Ecology and Evolution (Science)

**Rationale for change:** New courses added to list of courses offered. Removal of CHM115H5 to first year requirements.

**Before:**

Third and Fourth years

- BIO313H5 and BIO342H5
- STA215H5 and BIO360H5
- 1.0 credit from courses in organismal biology: BIO325H5, BIO326H5, BIO335H5, BIO338H5, BIO354H5, BIO356H5, BIO370Y5/ BIO371H5
- 0.5 credit from field courses: BIO416H5, other 2-week OUPFB\*\* Field Courses
- 2.5 credits from core ecology/evolutionary biology courses: BIO311H5, BIO330H5, BIO331H5, BIO333H5, BIO339H5, BIO341H5, BIO361H5, BIO373H5, BIO406H5, BIO445H5, BIO443H5, BIO464H5; GGR312H5
- 1.0 credits from other biology courses at the 300/ 400 level.
- 1.0 credit from related courses from other departments: MAT212H5, MAT222H5, MAT232H5; STA302H5, STA322H5; GGR227H5, GGR278H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, or from courses listed in #4, #5 and #6

\*\* Ontario Universities Program in Field Biology

**After:**

Third and Fourth years

- BIO313H5 and BIO342H5
- STA215H5 and BIO360H5
- 1.0 credit from courses in organismal biology: BIO325H5, BIO326H5, BIO335H5, BIO338H5, BIO354H5, BIO356H5, BIO370Y5/ BIO371H5
- 0.5 credit from field courses: BIO416H5, other 2-week OUPFB\*\* Field Courses
- 2.5 credits from core ecology/evolutionary biology courses: BIO311H5, BIO330H5, BIO331H5, BIO333H5, BIO339H5, BIO341H5, BIO361H5, BIO373H5, **BIO378H5**, BIO406H5, BIO445H5, BIO443H5, BIO464H5; GGR312H5
- 1.0 credits from other biology courses at the 300/ 400 level.
- 1.0 credit from related courses from other departments: MAT212H5, MAT222H5, MAT232H5; STA302H5, STA322H5; GGR227H5, GGR278H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, or from courses listed in #4, #5 and #6

\*\* Ontario Universities Program in Field Biology

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### Program #24 ERSPE1025 Astronomical Sciences (Science)

**Rationale for change:** 1) PHY135Y5 has been discontinued for long enough that it can be dropped. 2) Physics is introducing PHY146H5 and PHY147H5, which include calculus, for students studying the physical sciences, PHY136H5,137H5 to be listed for one more year. 3)MAT is introducing new courses MAT157Y5 and MAT240H5 as an alternative.

**Before:**

Limited Enrolment: ~~Limited~~ Enrolment – ~~Enrolment~~ in this program is based on the completion of 4.0 credits, including the following courses: AST110H5; MAT102H5, ~~MAT135Y5/137Y5, MAT223H5, PHY135Y5/(PHY136H5, 137H5)~~  
First Year AST110H5; MAT102H5, ~~135Y5/137Y5, MAT223H5; PHY135Y5/(136H5,137H5) (70% recommended)~~

**After:**

Limited Enrolment: Enrolment in this program is based on the completion of 4.0 credits, including the following courses: AST110H5; MAT102H5, MAT135Y5/137Y5/157Y5, MAT223H5/240H5; (PHY136H5,137H5)/(146H5,147H5)PHY136H5/137H5 will no longer be accepted for admission into this program after the 2017/18 academic year.  
First Year AST110H5; MAT102H5, 135Y5/137Y5/157Y5, 223H5/240H5; (PHY136H5,137H5)/(146H5,147H5)

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### Program #25 ERSPE1061 Environmental Science (Science)

**Rationale for change:**

**Before:**

- First Year: 4.0 credits
- Introduction: ENV100Y5
  - Quantitative and Basic Scientific Foundation: 3.0 credits chosen from this list: BIO152H5, 153H5; CHM110H5, 120H5, GGR112H5, ERS120H5, MAT134Y5, 135Y5, 137Y5, PHY135Y5, 136H5, 137H5
- 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 Perspectives: ENV201H5

- Biological & Ecological Perspectives: 0.5 credit chosen from this list: BIO202H5, 203H5, 205H5, 206H5
  - Geographical Perspectives: 0.5 credit from the following: GGR201H5, 214H5, 217H5, 227H5
  - Earth Science Perspectives: ERS201H5
  - Physical & Chemical Perspectives: 1.0 credits chosen from this list: CHM231H5, 242H5; JCP221H5; ERS202H5, 203H5; PHY237H5
  - Analytical & Research Methods: Analytical & Research Methods: 1.0 credit:  
0.5 chosen from: BIO360H5, 361H5; CHM211H5; **GGR276H5**; STA220H5, 221H5; PLUS additional 0.5 credit chosen from the list above or chosen from: GGR278H5, 337H5, 380H5.
  - Upper Years: 4.0 credits
  - Environmental Science Core: ENV330H5
  - Field Perspectives: 0.5 credit chosen from this list: ANT318H5; BIO313H5, 329H5, 416H5; ERS325H5; **ENV331H5**; GGR379H5, 390H1; or another program-relevant Field course (SCI), with permission of the Program Advisor
  - Project-Based & Research Perspectives: 1.0 credit chosen from this list: BIO400Y5; ENV332H5, 399Y5, 497H5, 498Y5; GGR417Y5; JEG400Y5, JEG401Y5; SCI395H5, 396H5, 498H5, 499H5; or another program-relevant Experiential or Research course (SCI), with permission of the Program Advisor
  - Biogeochemical Perspectives: 1.5 credits chosen from this list: BIO311H5, 312H5, 318Y5, 328H5, 330H5, 333H5, 373H5, 405H5, 406H5, 436H5, 464H5; CHM310H1, 311H5, 331H5, 333H5, 347H5, 361H5, 362H5, 391H5, 393H5, 416H5; ENV490H5, 491H5, 495H5, 496H5; ERS313H5, 315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 312H5, 315H5, 316H5, 317H5, 338H5, 372H5, 374H5, 375H5, 377H5, 384H5, 403H1, 406H5, 407H5, 409H1, 413H1, 463H5, 464H5, 479H5, 484H5; JGE378H5; PHY331H5
  - Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, **368H5**; ECO373Y5; **ENV250Y5, 310H5, 320H5, 345H5**, 351H5, 393H5, 420H5, 425H5, 452H5; GGR318H5, 329H5, 333H5, 348H5, 349H5, 361H5, 365H5, 370H5, 418H5, 419H5, 420H5, 426H5; JGE378H5; HIS318H5, 319H5; MGT394H5; PHL273H5, 373H1; POL343Y5; SOC226H5, 339H5, 356H5; WRI375H5
- Note: ENV490H5, 491H5 can substitute for #1, #2, #3, or #4 as course requirements, where appropriate, and with permission of the Program Advisor or Academic Counsellor.

#### After:

- First Year: 4.0 credits
- Introduction: ENV100Y5
  - Quantitative and Basic Scientific Foundation: 3.0 credits chosen from this list: **ANT101H5**; BIO152H5, 153H5; CHM110H5, 120H5, GGR112H5, ERS120H5, MAT134Y5, 135Y5, 137Y5, PHY135Y5, 136H5, 137H5
- 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 Perspectives: ENV201H5
  - Biological & Ecological Perspectives: 0.5 credit chosen from this list: BIO202H5, 203H5, 205H5, 206H5
  - Geographical Perspectives: 0.5 credit from the following: GGR201H5, 214H5, 217H5, 227H5
  - Earth Science Perspectives: ERS201H5
  - Physical & Chemical Perspectives: 1.0 credits chosen from this list: CHM231H5, 242H5; JCP221H5; ERS202H5, 203H5; PHY237H5
  - Analytical & Research Methods: Analytical & Research Methods: 1.0 credit:  
0.5 chosen from: BIO360H5, 361H5; CHM211H5; **GGR276H5, 376H5**; STA220H5, 221H5; PLUS additional 0.5 credit chosen from the list above or chosen from: GGR278H5, 337H5, 380H5.
  - Upper Years: 4.0 credits
  - Environmental Science Core: ENV330H5
  - Field Perspectives: 0.5 credit chosen from this list: ANT318H5; BIO313H5, 329H5, 416H5; ERS325H5; **ENV331H5, 496H5**; GGR379H5, 390H1; or another program-relevant Field course (SCI), with permission of the Program Advisor
  - Project-Based & Research Perspectives: 1.0 credit chosen from this list: BIO400Y5; ENV332H5, 399Y5, 497H5, 498Y5; GGR417Y5; JEG400Y5, JEG401Y5; SCI395H5, 396H5, 498H5, 499H5; or another program-relevant Experiential or Research course (SCI), with permission of the Program Advisor
  - Biogeochemical Perspectives: 1.5 credits chosen from this list: BIO311H5, 312H5, 318Y5, 328H5, 330H5, 333H5, 373H5, 405H5, 406H5, 436H5, 464H5; CHM310H1, 311H5, 331H5, 333H5, 347H5, 361H5, 362H5, 391H5, 393H5, 416H5; ENV490H5, 491H5, 495H5, 496H5; ERS313H5, 315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 312H5, 315H5, 316H5, 317H5, 338H5, 372H5, 374H5, 375H5, 377H5, 384H5, 403H1, 406H5, 407H5, 409H1, 413H1, 463H5, 464H5, 479H5, 484H5; JGE378H5; PHY331H5
  - Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, **368H5, 370H5**; ECO373Y5; **ENV310H5, 311H5**, 320H5, 351H5, 393H5, 420H5, 425H5, **430H5**, 452H5; GGR318H5, **325H5**, 329H5, 333H5, 348H5, 349H5, **353H5**, 361H5, 365H5, 370H5, 418H5,

419H5, 420H5, 426H5; **JEP356H5, 452H5**; JGE378H5; HIS318H5, 319H5; MGT394H5; PHL273H5, 373H1; POL343Y5; SOC226H5, 339H5, 356H5; WRI375H5  
Note: ENV490H5, 491H5 can substitute for #1, #2, #3, or #4 as course requirements, where appropriate, and with permission of the Program Advisor or Academic Counsellor.

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### Program #26 ERSPE1118 Biotechnology (Science)

**Rationale for change:** Removal of CHM115H5 in program entrance requirements and first year course requirements.

**Before:** Limited Enrolment: Enrolment in this program is limited. Students who wish to enrol at the end of first year (4.0 credits) must obtain a grade of at least C (63%) in both CHM110H5 and **CHM120H5** and a cumulative grade point average of at least 2.50 to qualify. Students who do not meet these criteria after first year can apply to enter the Specialist at the end of second year (8.0 credits) with the following new requirements: a grade of at least 70% in CHM242H5 and a cumulative grade point average of at least 2.50.

**After:** Limited Enrolment: Enrolment in this program is limited. Students who wish to enrol at the end of first year (4.0 credits) must obtain a grade of at least C (63%) in both CHM110H5 and **CHM120H5**, and a cumulative grade point average of at least 2.50 to qualify. Students who do not meet these criteria after first year can apply to enter the Specialist at the end of second year (8.0 credits) with the following new requirements: a grade of at least 70% in CHM242H5 and a cumulative grade point average of at least 2.50.

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### Program #27 ERSPE1160 Psychology (Science)

**Rationale for change:** Inclusion of new course.

**Before:**

- Third Year
- PSY309H5
- One laboratory course from the following:  
PSY319H5, 329H5, 379H5, 399H5
- 2.5 credits from the following courses: 0.5 credit must be taken from each group:
  - Biological Bases of Behaviour:  
PSY318H5, 346H5, 351H5, 352H5, 353H5, 354H5, 355H5, 362H5, 372H5, 391H5, 392H5, 393H5, 395H5, 397H5, 398H5; BIO304H5, 310H5, 318Y5, 328H5
  - Perception/Cognition/Communication: PSY312H5, 315H5, 316H5, 351H5, 360H5, 362H5, 371H5, 372H5, 374H5, 376H5, 384H5, 385H5, 387H5, 393H5, 397H5
  - Developmental/Abnormal/Social/Personality: PSY310H5, 311H5, 312H5, 313H5, 315H5, 316H5, 318H5, 320H5, 321H5, 324H5, 325H5, 327H5, 328H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 345H5, 346H5, 353H5

**After:**

- Third Year
- PSY309H5
- One laboratory course from the following:  
PSY319H5, 329H5, 379H5, 399H5
- 2.5 credits from the following courses: 0.5 credit must be taken from each group:
  - Biological Bases of Behaviour:  
PSY318H5, 346H5, 351H5, 352H5, 353H5, 354H5, 355H5, 362H5, 372H5, 391H5, 392H5, 393H5, 395H5, 397H5, 398H5; BIO304H5, 310H5, 318Y5, 328H5
  - Perception/Cognition/Communication: PSY312H5, 315H5, 316H5, 351H5, 360H5, 362H5, 371H5, 372H5, 374H5, 376H5, 384H5, 385H5, 387H5, 393H5, 397H5
  - Developmental/Abnormal/Social/Personality: PSY310H5, 311H5, 312H5, 313H5, 315H5, 316H5, **317H5**, 318H5, 320H5, 321H5, 324H5, 325H5, 327H5, 328H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 345H5, 346H5, 353H5

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### Program #28 ERSPE1237 Molecular Biology (Science)

**Rationale for change:** Removal of CHM115H5 to first year requirements and in program entrance requirements. Addition of new courses BIO368H5 & BIO422H5

**Before:** Limited Enrolment: Enrolment in this program is limited. Students wishing to enrol at the end of first year (4.0

credits) must obtain a grade of at least 'C' (63%) in both **CHM110H5**, CHM120H5 and a cumulative grade point average of at least 2.50 to qualify. Students who do not meet these criteria can apply to enter the Specialist at the end of second year (8.0 credits) with the following new criteria: a grade of at least 70% in BIO206H5 and a cumulative grade point average of at least 2.50.

Third Year BIO314H5, BIO315H5, BIO360H5, BIO370Y5, BIO372H5; CHM361H5, CHM362H5, CHM372H5, CHM373H5; plus 0.5 of BIO304H5, BIO310H5, BIO341H5, BIO362H5, BIO374H5, BIO375H5, BIO380H5; CHM347H5; PHY332H5, PHY333H5; BCH335H1, BCH340H1

Fourth Year BIO477H5\* plus 1.0 of: BIO407H5, BIO411H5, BIO443H5, BIO458H5, BIO476H5, BIO481Y5; BCH441H1; CHM444H5, CHM462H5, CHM489Y5; JBC472H5; JCB487Y5; JCP463H5; CSB435H1, CSB450H1, CSB459H1, CSB472H1, CSB473H1, CSB474H1, CSB475H1; MGY425H1, MGY428H1, MGY440H1, MGY445H1, MGY451H1, MGY452H1, MGY470H1; MIJ485H1

\* In the event that BIO477H5 is not offered during the 4th year of student's studies, the student must take 1.5 credits from the Fourth Year list above. In such a year, MGY420H1 may be taken.

**After:** Limited Enrolment: Enrolment in this program is limited. Students wishing to enrol at the end of first year (4.0 credits) must obtain a grade of at least 'C' (63%) in both **CHM110H5 and** CHM120H5 and a cumulative grade point average of at least 2.50 to qualify. Students who do not meet these criteria can apply to enter the Specialist at the end of second year (8.0 credits) with the following new criteria: a grade of at least 70% in BIO206H5 and a cumulative grade point average of at least 2.50.

Third Year BIO314H5, BIO315H5, BIO360H5, BIO370Y5, BIO372H5; CHM361H5, CHM362H5, CHM372H5, CHM373H5; plus 0.5 of BIO304H5, BIO310H5, BIO341H5, BIO362H5, **BIO368H5**, BIO374H5, BIO375H5, BIO380H5; CHM347H5; PHY332H5, PHY333H5; BCH335H1, BCH340H1

Fourth Year BIO477H5\* plus 1.0 of: BIO407H5, BIO411H5, **BIO422H5**, BIO443H5, BIO458H5, BIO476H5, BIO481Y5; BCH441H1; CHM444H5, CHM462H5, CHM489Y5; JBC472H5; JCB487Y5; JCP463H5; CSB435H1, CSB450H1, CSB459H1, CSB472H1, CSB473H1, CSB474H1, CSB475H1; MGY425H1, MGY428H1, MGY440H1, MGY445H1, MGY451H1, MGY452H1, MGY470H1; MIJ485H1

\* In the event that BIO477H5 is not offered during the 4th year of student's studies, the student must take 1.5 credits from the Fourth Year list above. In such a year, MGY420H1 may be taken.

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## Program #29 ERSPE1338 Forensic Anthropology (Science)

**Rationale for change:** **Deletion of HSC403:** there is no longer a faculty member with specific expertise in the topic and it is becoming too generic, with a focus on civil rather than criminal that is in conflict with the approach used in forensic science. **Addition of course selection options to replace the deleted HSC403H5** ANT granted approval : most are experiential courses, which is what HSC403H5 was; provides students with options for applying their knowledge. **Addition of HSC 404H5 as an option to the currently required HSC 405H5:** these courses are usually offered in alternating years. Requiring only HSC 405H5 was resulting in too many program exceptions and the need to select alternate/equivalent courses.

**Before:**

Fourth Year ANT415H5, ANT439H5; FSC401H5, FSC481Y5; **HSC403H5, HSC405H5**

**After:**

Fourth Year **ANT318H5/ANT358H5/ANT364H5/ANT438H5/FSC407H5;**  
ANT415H5, ANT439H5; FSC401H5, FSC481Y5; **HSC404H5/HSC405H5**

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## Program #30 ERSPE1376 Chemistry (Science)

**Rationale for change:** Changes are to delete a course that was cancelled five years ago (CHM140); to add the newly proposed PHY courses as an option. CHM115 (new course proposed - has been deferred).

**Before:**

Limited Enrolment: Enrolment in this **Program** is restricted. Selection will be based on completion of 4.0 credits including **CHM140Y5(minimum grade of 65%)/(110H5,120H5)** (minimum grade of 65% in **CHM120H5**); MAT134Y5/135Y5/137Y5 (minimum grade of 65%); and a minimum CGPA of 2.5.

Year 1 **CHM140Y5/(110H5,120H5);** MAT134Y5/135Y5/137Y5;  
**PHY135Y5/(136H5,137H5)**

**After:** Limited Enrolment: Enrolment in this **program** is restricted. Selection will be based on completion of 4.0 credits including **(CHM110H5,120H5)** (minimum grade of 65% in **120H5**); MAT134Y5/135Y5/137Y5 (minimum grade of 65%); and a minimum CGPA of 2.5.  
Year 1 **CHM110H5,120H5**; MAT134Y5/135Y5/137Y5; **(PHY136H5,137H5)/(146H5,147H5)**

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### Program #31 ERSPE1410 Forensic Biology (Science)

**Rationale for change:** Added new MAT157Y5 as acceptable alternate MAT course.

**Before:** Limited Enrolment: Admission into the Forensic Biology program is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC application, upon completing the minimum program entry requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:

- Completion of 4.0 credits; including 3.0 science credits
- Completion of BIO152H5 with 65% or better and BIO153H5 with 65% or better
- Completion of CHM110H5 with 65% or better and CHM120H5 with 65% or better
- Completion of **MAT134Y5/MAT135Y5/MAT137Y5**
- A minimum Cumulative Grade Point Average of at least 3.0. The actual minimum CGPA requirement varies from year to year but is never lower than 3.0 Application for admission into the program for ALL students can be found at: [www.utm.utoronto.ca/forensic](http://www.utm.utoronto.ca/forensic) Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year  
First Year BIO152H5, BIO153H5; CHM110H5, CHM120H5; FSC239Y5;  
**MAT134Y5/135Y5/137Y5**; PHY136H5, PHY137H5

**After:** Limited Enrolment: Admission into the Forensic Biology program is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC application, upon completing the minimum program entry requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:

- Completion of 4.0 credits; including 3.0 science credits
  - Completion of BIO152H5 with 65% or better and BIO153H5 with 65% or better
  - Completion of CHM110H5 with 65% or better and CHM120H5 with 65% or better
  - Completion of **MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**
  - A minimum Cumulative Grade Point Average of at least 3.0. The actual minimum CGPA requirement varies from year to year but is never lower than 3.0 Application for admission into the program for ALL students can be found at: [www.utm.utoronto.ca/forensic](http://www.utm.utoronto.ca/forensic) Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year  
First Year BIO152H5, BIO153H5; CHM110H5, CHM120H5; FSC239Y5;  
**MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5**; PHY136H5, PHY137H5
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### Program #32 ERSPE1465 Earth Science (Science)

**Rationale for change:** Deleted ERS317H5 from Program. Course has not been offered since 2011. Add ERS312H5 and ERS425H5 to program. These are two new courses introduced. Add PHY146/147 as an option. These are new courses geared towards Specialist programs in CPS. New courses will be taught on a basis by current faculty. Delete CHM140Y5 and PHY135Y5 that were cancelled 5 years ago. Removing CHM115H5 (deferred)

**Before:** Limited Enrolment: **Limited Enrolment:** Enrolment in this program is based on completion of 4.0 credits including ENV100Y5 (minimum grade of 60%).

First Year **ENV100Y5/(ERS103H5, 120H5)**; **CHM140Y5/(110H5,120H5)**; MAT134Y5/135Y5/137Y5;  
**PHY135Y5/(136H5,137H5)**

Third Year ERS313H5, 325H5; 1.5 credits from

**ERS315H5/321H5/ (JGE378H5/ERS317H5)** 0.5 credit from  
**GGR315H5/316H5/317H5/321H5/337H5/379H5/GGR384H5**

Fourth Year 1.0 credit from **ERS419H5/470Y5/(471H5,**

**472H5)/JEG400Y5/GGR407H5/463H5/464H5/484H5/JCB487Y5/ERI398H5**



**After:**

Limited Enrolment: Enrolment in this program is based on completion of 4.0 credits including ENV100Y5 / (ERS103H5, 120H5) (minimum)  
 First Year **ENV100Y5/ (ERS103H5, 120H5); (CHM110H5,120H5);** MAT134Y5/135Y5/137Y5;  
**(PHY136H5,137H5)/(146H5,147H5)**  
 Third Year ERS313H5, 325H5; 1.5 credits from **ERS312H5/ERS315H5/321H5/JGE378H5;** 0.5 credit from  
**ERS381H5/GGR315H5/316H5/321H5/337H5/379H5/384H5**  
 Fourth Year 1.0 credit from  
**ERS419H5/425H5/470Y5/(471H5,472H5)/JEG400Y5/GGR407H5/463H5/464H5/484H5/JCB**

**Program #33 ERSPE1883 Exceptionality in Human Learning (Science)****Rationale for change:** Inclusion of new course.**Before:**

Second and Higher Years

- 3.0 credits from the following: PSY310H5, 311H5, 312H5, 313H5, 315H5, 316H5, 318H5, 319H5, 321H5, 325H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 346H5, 353H5, 374H5, 376H5, 384H5, 385H5, 391H5, 392H5, 393H5
- PSY442Y5 and at least 0.5 credit from the following: PSY400Y5, 403H5, 404H5, 405H5, 406H5, 410H5, 415H5, 440H5, 474H5, 495H5

NOTE: Primary Junior CTEP students are exempt from PSY442Y5 and may take PSY345H5 and any 0.5 FCE 400 level course in psychology instead.

- 2.0 credits from one of the following lists:

- ANT202H5, 203H5, 203Y5, 204H5, 205H5, 206H5, 207H5, 211H5, 214H5, 220H5, 241Y5, 306H5, 322H5, 331H5, 332H5, 333H5, 334H5, 335H5, 336H5, 337H5, 338H5, 339Y5, 341H5, 350H5, 352H5, 362H5, 364H5, 401H5, 434H5, 437H5, 460H5, 461H5, 462H5
- SOC205H5, 209H5, 211H5, 216H5, 219H5, 224H5, 227H5, 240H5, 244H5, 263H5, 275H5, 284H5, 302H5, 304H5, 307H5, 310H5, 316H5, 323H5, 332H5, 341H5, 356H5, 371H5, 375H5, 380H5, 456H5
- BIO204H5, 205H5, 206H5, 207H5, 210Y5, 215H5, 315H5, 341H5, 370Y5, 371H5, 372H5, 375H5, 380H5, 403H5, 407H5, 434H5, 443H5, 476H5, 477H5; ANT202H5, 203H5, 203Y5, 331H5, 332H5, 333H5, 334H5, 339Y5; PSL201Y1

NOTE: Students who select list b. must take 2.5 credits from this list

- 2.5 additional credits to be selected from the following (no more than 1.0 credit from any one discipline):

ANT Any course in 3(a) not counted previously  
 SOC Any course in 3(b) not counted previously  
 BIO Any course in 3(c) not counted previously  
 CHM CHM242H5, 243H5, 341H5, 345H5, 347H5, 361H5, 362H5  
 ENG ENG234H5, 384H5  
 FGI/FRE FRE225Y5, 355H5  
 HIS HIS308H5, 310H5, 326Y5, 338H5  
 LIN LIN100Y5, 200H5, 256H5, 258H5, 358H5, 380H5  
 JAL JAL253H5, 355H5  
 PHL PHL243H5, 244H5, 255H5, 267H5, 271H5, 272H5, 274H5, 277Y5, 282H5, 283H5, 290H5, 350H5, 355H5, 357H5, 358H5, 367H5, 370H5, 375H5  
 RLG RLG314H5  
 WGS Any course

**After:**

Second and Higher Years

- 3.0 credits from the following: PSY310H5, 311H5, 312H5, 313H5, 315H5, 316H5, **317H5**, 318H5, 319H5, 321H5, 325H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 346H5, 353H5, 374H5, 376H5, 384H5, 385H5, 391H5, 392H5, 393H5
- PSY442Y5 and at least 0.5 credit from the following: PSY400Y5, 403H5, 404H5, 405H5, 406H5, 410H5, 415H5, 440H5, 474H5, 495H5

NOTE: Primary Junior CTEP students are exempt from PSY442Y5 and may take PSY345H5 and any 0.5 FCE 400 level course in psychology instead.

- 2.0 credits from one of the following lists:

- ANT202H5, 203H5, 203Y5, 204H5, 205H5, 206H5, 207H5, 211H5, 214H5, 220H5, 241Y5, 306H5, 322H5, 331H5, 332H5, 333H5, 334H5, 335H5, 336H5, 337H5, 338H5, 339Y5, 341H5, 350H5, 352H5, 362H5, 364H5, 401H5, 434H5, 437H5, 460H5, 461H5, 462H5

- SOC205H5, 209H5, 211H5, 216H5, 219H5, 224H5, 227H5, 240H5, 244H5, 263H5, 275H5, 284H5, 302H5, 304H5, 307H5, 310H5, 316H5, 323H5, 332H5, 341H5, 356H5, 371H5, 375H5, 380H5, 456H5

- BIO204H5, 205H5, 206H5, 207H5, 210Y5, 215H5, 315H5, 341H5, 370Y5, 371H5, 372H5, 375H5, 380H5, 403H5, 407H5, 434H5, 443H5, 476H5, 477H5; ANT202H5, 203H5, 203Y5, 331H5, 332H5, 333H5, 334H5, 339Y5; PSL201Y1

NOTE: Students who select list b. must take 2.5 credits from this list

- 2.5 additional credits to be selected from the following (no more than 1.0 credit from any one discipline):

ANT Any course in 3(a) not counted previously

SOC Any course in 3(b) not counted previously

BIO Any course in 3(c) not counted previously

CHM CHM242H5, 243H5, 341H5, 345H5, 347H5, 361H5, 362H5

ENG ENG234H5, 384H5

FGI/FRE FRE225Y5, 355H5

HIS HIS308H5, 310H5, 326Y5, 338H5

LIN LIN100Y5, 200H5, 256H5, 258H5, 358H5, 380H5

JAL JAL253H5, 355H5

PHL PHL243H5, 244H5, 255H5, 267H5, 271H5, 272H5, 274H5, 277Y5, 282H5, 283H5, 290H5, 350H5, 355H5, 357H5, 358H5, 367H5, 370H5, 375H5

RLG RLG314H5

WGS Any course

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### Program #34 ERSPE1944 Biomedical Physics Specialist (Science)

**Rationale for change:** The proposed changes of this program are to incorporate the two new first-year calculus-based physics courses, i.e. PHY146H5 and PHY147H5. These are standard introductory physics courses for students in Major/Specialist programs in physical sciences at all North-American universities are meant to provide our students with the proper preparation for 200-400 level Physics (all) and Chemistry (some) courses. CHM140Y5 was deleted because it was cancelled 5 years ago. Removing CHM115H5. **Resource Implications:** Resources are needed for the two new courses PHY146H5 and PHY147H5. See section new courses.

**Before:** Limited Enrolment: Enrolment in this program is based on completion of 4.0 credits including ~~PHY135Y/(136H5, 137H5)~~ (minimum grade of ~~70%~~). ~~PHY333H5~~ and JCP421H5 alternate with PHY332H5 and PHY451H5, respectively, in consecutive years. Check individual course listing for the details in a given calendar year. Check all prerequisites and corequisites when registering for ~~2nd year courses.~~  
Year 1 BIO152H5; ~~CHM140Y5/(110H5,120H5); MAT134Y5/135Y5/137Y5; PHY135Y5/(136H5, 137H5);~~  
Year 2 PHY241H5, 242H5, 245H5, 255H5; ~~JCP221H5/CHM221H5; MAT232H5, 212H5/244H5/STA256H5;~~ BIO206H5

**After:** Limited Enrolment: Enrolment in this program is based on completion of 4.0 credits including PHY146H5 and 147H5 (minimum grade of 60%). Notes  
- PHY333H5 and JCP421H5 alternate with PHY332H5 and PHY451H5, respectively, in consecutive years.  
- Check individual course listing for the details in a given calendar year.  
- Check all prerequisites and corequisites when registering for second (and higher) year courses.  
- The calculus-based 1st year PHY146H5,147H5 courses are required as prerequisites for upper year physics courses and highly recommended for JCP courses.  
- PHY136H5/137H5 will no longer be accepted for admission into this program after the 2017/18 academic year.  
Year 1 (PHY136H5,137H5)/(146H5,147H5) (minimum grade of 60%); BIO152H5;  
(CHM110H5,120H5); MAT135Y5/ 137Y5  
Year 2 PHY241H5, 242H5, 245H5, 255H5; JCP221H5; MAT232H5, 212H5/ 244H5/STA256H5; BIO206H5

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### Program #35 ERSPE1995 Biological Chemistry (Science)



- Rationale for change:** Changes are to delete a course that was cancelled five years ago (chm140); to add the newly proposed PHY courses as an option.
- Before:** Limited Enrolment: Enrolment in this program is restricted. Selection will be based on completion of 4.0 credits including **CHM140Y5(minimum grade of 65%)/(110H5,120H5)** (minimum grade of 65% in **CHM120H5**); MAT134Y5/135Y5/137Y5 (minimum grade of 65%); and a minimum CGPA of 2.5. Completion of BIO152H5 is recommended.  
Year 1 BIO152H5; **CHM140Y5/(110H5,120H5)**; MAT134Y5/135Y5/137Y5;  
**PHY135Y5/(136H5,137H5)**
- After:** Limited Enrolment: Enrolment in this program is restricted. Selection will be based on completion of 4.0 credits including **(CHM110H5,120H5)** (minimum grade of 65% in **120H5**); MAT134Y5/135Y5/137Y5 (minimum grade of 65%); and a minimum CGPA of 2.5. Completion of BIO152H5 is recommended.  
Year 1 BIO152H5; **(CHM110H5,120H5)**; MAT134Y5/135Y5/137Y5;  
**(PHY136H5,137H5)/(146H5, 147H5)**

### Program #36 ERSPE2070 Geography (Science)

**Rationale for change:**

**Before:**

Second Year 3.5 credits:  
1.5 credit from GGR201H5, 214H5, 217H5, 227H5  
~~1.0~~ credit: GGR276H5 ~~&~~ GGR278H5  
0.5 credit from GGR202H5, 207H5, 208H5, 209H5, ~~210H5~~  
0.5 credit from any other 200-level GGR SCI courses  
Third Year 4.0 credits:  
3.0 credits from the following:  
GGR305H5, 307H5, 309H5, 315H5, 316H5, 317H5, 338H5, 374H5, 377H5, 379H5, GGR384H5, JGE378H5  
additional 1.0 credit from the list above or from the following:  
GGR311H5, 312H5, 321H5, 322H5, 335H5, 337H5, 372H5, 375H5, 380H5  
Fourth Year 1.5 credit :  
1.0 credit from GGR417Y5, ~~JEG400Y5, JEG401Y5~~  
0.5 credit ~~from any GGR Science designated 400-level courses as described in the Geography Course Descriptions section of this Calendar.~~

**After:**

Second Year 3.5 credits:  
1.5 credit from GGR201H5, 214H5, 217H5, 227H5  
0.5 credit: GGR276H5  
0.5 credit: GGR272H5, GGR278H5  
0.5 credit from GGR202H5, 207H5, 208H5, 209H5, 210H5, 288H5  
0.5 credit from any other 200-level GGR SCI courses  
Third Year 4.0 credits:  
3.0 credits from the following:  
GGR305H5, 307H5, 309H5, 315H5, 316H5, 317H5, 338H5, 374H5, 376H5, 377H5, 379H5, GGR384H5, JGE378H5  
additional 1.0 credit from the list above or from the following:  
GGR311H5, 312H5, 321H5, 322H5, 335H5, 337H5, 372H5, 375H5, 380H5  
Fourth Year 1.5 credit :  
1.0 credit from GGR417Y5, JEG400Y5  
0.5 credit from: GGR406H5, 407H5, 479H5, 484H5

### Program #37 ERSPE2364 Biology (Science)

**Rationale for change:**

New courses added to list of courses offered. Removal of CHM115H5 to program entrance requirements and 1st year requirements.

**Before:**

It is recommended that students in the specialist program include at least 0.5 credit from each of four of the following groups:

- Ecology and Field Biology: BIO311H5, BIO312H5, BIO313H5, BIO416H5, BIO330H5, BIO331H5, BIO333H5, BIO373H5, BIO412H5, BIO464H5
- Biology of Whole Organisms: BIO325H5, BIO326H5, BIO335H5, BIO338H5, BIO354H5, BIO356H5
- Genetics and Evolution: BIO341H5, BIO342H5, BIO407H5, BIO443H5, BIO445H5, BIO464H5
- Cell, Molecular and Developmental Biology: BIO314H5, BIO315H5, BIO362H5, BIO370Y5 / BIO371H5, BIO372H5, BIO374H5, BIO375H5, BIO380H5, BIO404H5, BIO407H5, BIO458H5, BIO475H5, BIO476H5, BIO477H5
- Physiology and Behaviour: BIO210Y5, BIO304H5, BIO310H5, BIO312H5, BIO318Y5 / BIO328H5, BIO320H5, BIO405H5, BIO409H5, BIO410H5, BIO411H5, BIO434H5 \*MAT134Y5 - Calculus for Life Sciences is highly recommended. Up to 1.0 credit may be taken from the following biology-related courses: GGR227H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR312H5; CHM347H5, CHM361H5, CHM362H5, CHM372H5, CHM373H5; PHY332H5, PHY333H5; PSY290H5, PSY355H5, PSY357H5, PSY392H5, PSY395H5, PSY397H5; ANT334H5, ANT336H5, ANT340H5. Additional courses: BIO361H5, BIO400Y5, BIO481Y5; JCB487Y5 Notes:
- CGPA for enrolment into this program is calculated based on a minimum of 4.0 credits completed at UTM with final percentage grades (i.e. CR/NCR course are not applicable). Students wishing to emphasize cell biology, molecular biology, microbiology, physiology or genetics, should take CHM242H5 and CHM243H5 in second year. Such students should take MAT134Y5/ MAT135Y5/ MAT137Y5, a prerequisite, in their first year.
- No substitute statistics course will be allowed for BIO360H5.
- Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program.
- Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.

**After:** It is recommended that students in the specialist program include at least 0.5 credit from each of four of the following groups:

- Ecology and Field Biology: BIO311H5, BIO312H5, BIO313H5, BIO416H5, BIO330H5, BIO331H5, BIO333H5, BIO373H5, **BIO378H5**, BIO412H5, BIO464H5
- Biology of Whole Organisms: BIO325H5, BIO326H5, BIO335H5, BIO338H5, BIO354H5, BIO356H5 , **BIO378H5**
- Genetics and Evolution: BIO341H5, BIO342H5, BIO407H5, **BIO422H5**, BIO443H5, BIO445H5, BIO464H5
- Cell, Molecular and Developmental Biology: BIO314H5, BIO315H5, **BIO324H5**, BIO362H5, BIO370Y5 / BIO371H5, BIO372H5, BIO374H5, BIO375H5, BIO380H5, BIO404H5, BIO407H5, **BIO422H5**, BIO458H5, BIO475H5, BIO476H5, BIO477H5
- Physiology and Behaviour: BIO210Y5, BIO304H5, BIO310H5, BIO312H5, BIO318Y5 / BIO328H5, BIO320H5, **BIO368H5**, BIO405H5, BIO409H5, BIO410H5, BIO411H5, BIO434H5 \*MAT134Y5 - Calculus for Life Sciences is highly recommended. Up to 1.0 credit may be taken from the following biology-related courses: GGR227H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR312H5; CHM347H5, CHM361H5, CHM362H5, CHM372H5, CHM373H5; PHY332H5, PHY333H5; PSY290H5, PSY355H5, PSY357H5, PSY392H5, PSY395H5, PSY397H5; ANT334H5, ANT336H5, ANT340H5. Additional courses: BIO361H5, BIO400Y5, BIO481Y5; JCB487Y5 Notes:
- CGPA for enrolment into this program is calculated based on a minimum of 4.0 credits completed at UTM with final percentage grades (i.e. CR/NCR course are not applicable). Students wishing to emphasize cell biology, molecular biology, microbiology, physiology or genetics, should take CHM242H5 and CHM243H5 in second year. Such students should take MAT134Y5/ MAT135Y5/ MAT137Y5, a prerequisite, in their first year.
- No substitute statistics course will be allowed for BIO360H5.
- Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program.
- Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.

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## Program #38 ERSPE2470 Behaviour, Genetics and Neurobiology (Science)

**Rationale for change:** New BIO and MAT courses acceptable for completion of program

**Before:** Limited Enrolment: Enrolment is limited to students who have:

- completed 8.0 credits;
- successfully completed BIO152H5, 153H5, CHM110H5, 120H5 and **MAT134Y5/135Y5/137Y5;**
- completed PSY201H5, 202H5 (or equivalent), and at least 1.0 FCE from: BIO205H5/206H5/207H5/ PSY290H5 with a minimum average of 77%

- a minimum CGPA of 3.0

First Year PSY100Y5; BIO152H5; BIO153H5; **CHM110H5; CHM120H5;**  
**MAT134Y5/135Y5/137Y5**

Third Year 1.0 credit from each of the following three streams:

- Behaviour: BIO318Y5/328H5, PSY316H5, 318H5, 346H5, 351H5, 352H5, 353H5, 354H5, 355H5, 360H5, 362H5, 385H5, 391H5, 392H5, 393H5, 395H5, 397H5, 398H5, 399H5  
- Genetics: BIO314H5, 315H5, 341H5, 372H5, 407H5, 476H5, PSY355H5, 392H5  
- Neurobiology: BIO304H5, 310H5, 380H5, 404H5, 409H5, PSY318H5, 346H5, 385H5, 393H5, 397H5, 399H5 Third year note:

- Students interested in taking PSY400Y5 are advised to take PSY309H5.

**After:**

Limited Enrolment: Enrolment is limited to students who have:

- completed 8.0 credits;  
- successfully completed BIO152H5, 153H5, CHM110H5, 120H5 and

**MAT134Y5/135Y5/137Y5/157Y5;**

- completed PSY201H5, 202H5 (or equivalent), and at least 1.0 FCE from: BIO205H5/206H5/207H5/PSY290H5 with a minimum average of 77%

- a minimum CGPA of 3.0

First Year PSY100Y5; BIO152H5; BIO153H5; **CHM110H5, 120H5;**

**MAT134Y5/135Y5/137Y5/157Y5**

Third Year 1.0 credit from each of the following three streams:

- Behaviour: BIO318Y5/328H5, PSY316H5, 318H5, 346H5, 351H5, 352H5, 353H5, 354H5, 355H5, 360H5, 362H5, 385H5, 391H5, 392H5, 393H5, 395H5, 397H5, 398H5, 399H5

- Genetics: BIO314H5, 315H5, 341H5, **347H5**, 372H5, 407H5, 476H5, PSY355H5, 392H5

- Neurobiology: BIO304H5, 310H5, 380H5, 404H5, 409H5, PSY318H5, 346H5, 385H5, 393H5, 397H5, 399H5 Third year note:

- Students interested in taking PSY400Y5 are advised to take PSY309H5.

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### Program #39 ERSPE2511 Mathematical Sciences (Science)

**Rationale for change:** This is to accommodate the two new courses MAT157Y5 and MAT257Y5.

**Before:**

Note:

- Recommended CSC courses: CSC236H5, CSC310H5.

- Students enrolled in this program may participate in the PEY program. For more information visit [www.pey.utoronto.ca](http://www.pey.utoronto.ca)

First Year CSC108H5, 148H5; MAT102H5, **137Y5**, 240H5

Second Year CSC207H5/209H5/236H5; MAT202H5, 247H5, **232H5, 236H5**, 244H5; STA256H5, 258H5/260H5

**After:**

Note:

- Recommended CSC courses: CSC236H5, CSC310H5.

**- Mathematical Specialists are strongly encouraged to enroll in MAT157Y5 and MAT257Y5.**

- Students enrolled in this program may participate in the PEY program. For more information visit [www.pey.utoronto.ca](http://www.pey.utoronto.ca)

First Year CSC108H5, 148H5; MAT102H5, **137Y5/157Y5**, 240H5

Second Year CSC207H5/209H5/236H5; MAT202H5, 247H5, **(232H5/233H5,236H5)/257Y5**, 244H5; STA256H5, 258H5/260H5

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### Program #40 Combined Specialist in Environmental Science and MScSM

**Rationale for change:**

**Before:**

#### First Year

- Introduction: ENV100Y5
- Quantitative and Basic Scientific Foundation: 3.0 credits chosen from this list: BIO152H5, BIO153H5, CHM110H5, CHM120H5, ERS120H5, GGR112H5, MAT134Y5, MAT135Y5, MAT137Y5, PHY135Y5, PHY136H5, PHY137H5

#### Second Year

- Environmental Management Perspectives: ENV201H5
- Biological & Ecological Perspectives: 0.5 credit chosen from this list: BIO202H5, BIO203H5, BIO205H5, BIO206H5
- Geographical Perspectives: 0.5 credit chosen from this list: GGR201H5, GGR214H5, GGR217H5, GGR227H5
- Earth Science Perspectives: ERS201H5
- Physical & Chemical Perspectives: 1.0 credits chosen from this list: CHM231H5, CHM242H5; JCP221H5; ERS202H5, ERS203H5; PHY237H5
- Analytical & Research Methods: 1.0 credit: 0.5 credit chosen from this list: BIO360H5, BIO361H5; CHM211H5; **GGR276H5**; STA220H5, STA221H5; plus an additional 0.5 credit of Analytical & Research Methods courses, including GGR278H5, GGR337H5, GGR308H5

#### Third & Fourth Years

- Environmental Science Core: ENV330H5
- Field Perspectives: 0.5 credit chosen from this list: ANT318H5; BIO313H5, BIO329H5, BIO416H5; ERS325H5; **ENV331H5**; GGR379H5, GGR390H1; or another program-relevant field course (SCI), with permission of the Program Advisor
- Field, Project-Based & Research Perspectives: 1.0 credit chosen from this list: BIO400Y5; ENV332H5, ENV399Y5, ENV497H5, ENV498Y5; GGR417Y5; JEG400Y5, JEG401Y5; SCI395H5, SCI396H5, SCI498H5, SCI499H5; or another program-relevant project-based or research course (SCI), with permission of the Program Advisor
- Biogeochemical Perspectives: 1.5 credits chosen from this list: BIO311H5, BIO312H5, BIO318Y5, BIO328H5, BIO330H5, BIO333H5, BIO373H5, BIO405H5, BIO406H5, BIO436H5, BIO464H5; CHM310H1, CHM311H5, CHM331H5, CHM333H5, CHM347H5, CHM361H5, CHM362H5, CHM391H5, CHM393H5, CHM416H5; ENV490H5, ENV491H5, ENV495H5, ENV496H5; ERS313H5, ERS315H5, ERS321H5; GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR312H5, GGR315H5, GGR316H5, GGR317H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR377H5, GGR384H5, GGR403H1, GGR406H5, GGR407H5, GGR409H1, GGR413H1, GGR463H5, GGR464H5, GGR479H5, GGR484H5; JGE378H5; PHY331H5
- Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, **ANT368H5**; ECO373Y5; **ENV250Y5**, ENV310H5, ENV320H5, **ENV345H5**, ENV351H5, ENV393H5, ENV420H5, ENV425H5, ENV452H5; GGR318H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR361H5, GGR365H5, GGR370H5, GGR418H5, GGR419H5, GGR420H5, GGR426H5; JGE378H5; HIS318H5, HIS319H5; MGT394H5; PHL273H5, PHL373H1; POL343Y5; SOC226H5, SOC339H5, SOC356H5; WRI375H5
- MScSM Courses: 1.0 credit chosen from this list: SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H; ECO2908H; EES1107H, EES1124H, EES1125H; ENV1002H, ENV1704H, ENV1707H; JPG1407H, JPG1408H; or another program-relevant graduate course with permission of the MScSM Director

#### After:

#### First Year

- Introduction: ENV100Y5
- Quantitative and Basic Scientific Foundation: 3.0 credits chosen from this list: **ANT101H5**; BIO152H5, BIO153H5, CHM110H5, CHM120H5, ERS120H5, GGR112H5, MAT134Y5, MAT135Y5, MAT137Y5, PHY135Y5, PHY136H5, PHY137H5

#### Second Year

- Environmental Management Perspectives: ENV201H5
- Biological & Ecological Perspectives: 0.5 credit chosen from this list: BIO202H5, BIO203H5, BIO205H5, BIO206H5
- Geographical Perspectives: 0.5 credit chosen from this list: GGR201H5, GGR214H5, GGR217H5, GGR227H5
- Earth Science Perspectives: ERS201H5
- Physical & Chemical Perspectives: 1.0 credits chosen from this list: CHM231H5, CHM242H5; JCP221H5; ERS202H5, ERS203H5; PHY237H5
- Analytical & Research Methods: 1.0 credit: 0.5 credit chosen from this list: BIO360H5, BIO361H5; CHM211H5; **GGR276H5, 376H5**; STA220H5, STA221H5; plus an additional 0.5 credit of Analytical & Research Methods courses, including GGR278H5, GGR337H5, GGR308H5

#### Third & Fourth Years

- Environmental Science Core: ENV330H5

- Field Perspectives: 0.5 credit chosen from this list: ANT318H5; BIO313H5, BIO329H5, BIO416H5; ERS325H5; **ENV331H5, 496H5**; GGR379H5, GGR390H1; or another program-relevant field course (SCI), with permission of the Program Advisor
- Field, Project-Based & Research Perspectives: 1.0 credit chosen from this list: BIO400Y5; ENV332H5, ENV399Y5, ENV497H5, ENV498Y5; GGR417Y5; JEG400Y5, JEG401Y5; SCI395H5, SCI396H5, SCI498H5, SCI499H5; or another program-relevant project-based or research course (SCI), with permission of the Program Advisor
- Biogeochemical Perspectives: 1.5 credits chosen from this list: BIO311H5, BIO312H5, BIO318Y5, BIO328H5, BIO330H5, BIO333H5, BIO373H5, BIO405H5, BIO406H5, BIO436H5, BIO464H5; CHM310H1, CHM311H5, CHM331H5, CHM333H5, CHM347H5, CHM361H5, CHM362H5, CHM391H5, CHM393H5, CHM416H5; ENV490H5, ENV491H5, ENV495H5, ENV496H5; ERS313H5, ERS315H5, ERS321H5; GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR312H5, GGR315H5, GGR316H5, GGR317H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR377H5, GGR384H5, GGR403H1, GGR406H5, GGR407H5, GGR409H1, GGR413H1, GGR463H5, GGR464H5, GGR479H5, GGR484H5; JGE378H5; PHY331H5
- Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, **ANT368H5, ANT370H5**; ECO373Y5; ENV310H5, **ENV311H5**, ENV320H5, ENV351H5, ENV393H5, ENV420H5, ENV425H5, **ENV430H5**, ENV452H5; GGR318H5, **GGR325H5**, GGR329H5, GGR333H5, GGR348H5, GGR349H5, **GGR353H5**, GGR361H5, GGR365H5, GGR370H5, GGR418H5, GGR419H5, GGR420H5, GGR426H5; **JEP356H5, JEP452H5**; JGE378H5; HIS318H5, HIS319H5; MGT394H5; PHL273H5, PHL373H1; POL343Y5; SOC226H5, SOC339H5, SOC356H5; WRI375H5
- MScSM Courses: 1.0 credit chosen from this list: SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H; ECO2908H; EES1107H, EES1124H, EES1125H; ENV1002H, ENV1704H, ENV1707H; JPG1407H, JPG1408H; or another program-relevant graduate course with permission of the MScSM Director

## Program #41 Combined Major in Environmental Science and MScSM

### Rationale for change:

#### Before:

##### First Year

- Introduction: ENV100Y5
- Quantitative and Basic Scientific Foundation: 2.0 credits chosen from this list: BIO152H5, BIO153H5, CHM110H5, CHM120H5, GGR112H5, ERS120H5, MAT134Y5, MAT135Y5, MAT137Y5, PHY135Y5, PHY136H5, PHY137H5

##### Second Year

- Environmental Management Perspectives: ENV201H5
- Biological & Ecological Perspectives: 0.5 credit chosen from this list: BIO202H5, BIO203H5, BIO205H5, BIO206H5
- ~~Geographical Perspectives: 0.5 credit chosen from this list: GGR201H5, GGR214H5, GGR217H5, GGR227H5~~
- Physical & Chemical Perspectives: ~~0.5 credit chosen from this list: CHM231H5, CHM242H5, JCP221H5; ERS201H5; PHY237H5~~
- Analytical & Research Methods: 1.0 credit:  
0.5 chosen from: BIO360H5, 361H5; CHM211H5; ~~GGR276H5~~; STA220H5, 221H5; PLUS additional 0.5 credit chosen from the list above or chosen from: GGR278H5, 337H5, 380H5.

##### Third & Fourth Years

- Environmental Science Core: ENV330H5
- Field, Project-Based & Research Perspectives: 0.5 credit chosen from this list: ANT318H5; BIO313H5, BIO329H5, BIO416H5; ERS325H5; ENV299Y5, ENV331H5, ENV332H5, ~~ENV399Y5~~; GGR379H5; JEG400Y5, JEG401Y5; SCI395H5, SCI396H5, SCI498H5, SCI499H5; or another program-relevant Field, Project-Based, or Research course (SCI), with permission of the Program Advisor
- Biogeochemical Perspectives: 1.0 credit chosen from this list: BIO311H5, BIO312H5, BIO318Y5, BIO328H5, BIO330H5, BIO333H5, BIO373H5, BIO405H5, BIO406H5, BIO436H5, BIO464H5; CHM310H5, CHM311H5, CHM331H5, CHM333H5, CHM347H5, CHM361H5, CHM362H5, CHM391H5, CHM393H5; ENV495H5, ENV496H5; ERS313H5, ERS315H5, ERS321H5; GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR312H5, GGR315H5, GGR316H5, GGR317H5, GGR338H5, GGR372H5, GGR374H5, GGR377H5, GGR403H1, GGR406H5, GGR407H5, GGR409H1, GGR413H1, GGR463H5, GGR464H5, GGR479H5; JGE378H5; PHY331H5
- Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, ~~ANT368H5~~; ECO373Y5; ~~ENV260Y5~~, ENV310H5, ENV320H5, ~~ENV345H5~~, ENV393H5, ENV420H5,

~~ENV246H5~~; GGR318H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR361H5, GGR365H5, GGR370H5, GGR418H5, GGR419H5, GGR420H5; HIS318H5, HIS319H5; JGE378H5; MGT394H5; PHL255H5, PHL273H5, PHL373H1; POL343Y5; SOC226H5, SOC339H5, SOC356H5; WRI375H5  
 - MScSM Courses: 1.0 credit chosen from this list: SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H; ECO2908H; EES1107H, EES1124H, EES1125H; ENV1002H, ENV1704H, ENV1707H; JPG1407H, JPG1408H; or another program-relevant graduate course with permission of the MScSM Director

**After:**

First Year

- Introduction: ENV100Y5  
 - Quantitative and Basic Scientific Foundation: 2.0 credits chosen from this list: ANT101H5, BIO152H5, BIO153H5, CHM110H5, CHM120H5, GGR112H5, ERS120H5, MAT134Y5, MAT135Y5, MAT137Y5, PHY135Y5, PHY136H5, PHY137H5

Second Year

- Environmental Management Perspectives: ENV201H5  
 - Biological & Ecological Perspectives: 0.5 credit chosen from this list: BIO202H5, BIO203H5, BIO205H5, BIO206H5  
 - Geographical, Physical & Chemical Perspectives: 1.0 credit chosen from this list: CHM231H5, 242H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5; JCP221H5  
 - Analytical & Research Methods: 1.0 credit:  
 0.5 chosen from: BIO360H5, 361H5; CHM211H5; GGR276H5, GGR376H5; STA220H5, 221H5;  
 PLUS additional 0.5 credit chosen from the list above or chosen from: GGR278H5, 337H5, 380H5.

Third & Fourth Years

- Environmental Science Core: ENV330H5  
 - Field, Project-Based & Research Perspectives: 0.5 credit chosen from this list: ANT318H5; BIO313H5, BIO329H5, BIO416H5; ERS325H5; ENV299Y5, ENV331H5, ENV332H5, ENV399Y5, 496H5; GGR379H5; JEG400Y5, JEG401Y5; SCI395H5, SCI396H5, SCI498H5, SCI499H5; or another program-relevant Field, Project-Based, or Research course (SCI), with permission of the Program Advisor  
 - Biogeochemical Perspectives: 1.0 credit chosen from this list: BIO311H5, BIO312H5, BIO318Y5, BIO328H5, BIO330H5, BIO333H5, BIO373H5, BIO405H5, BIO406H5, BIO436H5, BIO464H5; CHM310H5, CHM311H5, CHM331H5, CHM333H5, CHM347H5, CHM361H5, CHM362H5, CHM391H5, CHM393H5; ENV495H5, ENV496H5; ERS313H5, ERS315H5, ERS321H5; GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR312H5, GGR315H5, GGR316H5, GGR317H5, GGR338H5, GGR372H5, GGR374H5, GGR377H5, GGR403H1, GGR406H5, GGR407H5, GGR409H1, GGR413H1, GGR463H5, GGR464H5, GGR479H5; JGE378H5; PHY331H5  
 - Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, ANT368H5, ANT370H5; ECO373Y5; ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV420H5, ENV425H5, ENV430H5; GGR318H5, GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR365H5, GGR370H5, GGR418H5, GGR419H5, GGR420H5; HIS318H5, HIS319H5; JEP356H5, JEP452H5; JGE378H5; MGT394H5; PHL255H5, PHL273H5, PHL373H1; POL343Y5; SOC226H5, SOC339H5, SOC356H5; WRI375H5  
 - MScSM Courses: 1.0 credit chosen from this list: SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H; ECO2908H; EES1107H, EES1124H, EES1125H; ENV1002H, ENV1704H, ENV1707H; JPG1407H, JPG1408H; or another program-relevant graduate course with permission of the MScSM Director

# New Courses

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## Course #1 ANT380H5 Special Topics in Biological Anthropology and Archaeology (SCI)

<b>Description:</b>	Special seminar on selected topics in biological anthropology and/or archaeology; focus of topic changes each year. [24L]
<b>Prerequisite:</b>	Appropriate 200-level prerequisite core course requirement(s) will be posted on the departmental website along with the Special Topics title and description prior to course registration.
<b>Rationale:</b>	To provide 300-level options for development of needed new courses with the hiring of new faculty next year (similar to 400-level options that already exist).
<b>No. Hours Instruction:</b>	24L
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

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## Course #2 BIO324H5 Plant Metabolism and Metabolomics (SCI)

<b>Description:</b>	Overview of the metabolic pathways of plants, their corresponding regulatory mechanisms, and the metabolomics techniques used to study them. Primary and secondary metabolism with relevance to human nutrition, plant defense, environmental adaptations, and biotechnology will be emphasized. This course also addresses online data analysis tools for managing metabolomics data sets.
<b>Exclusion:</b>	CSB475H1
<b>Prerequisite:</b>	BIO203H5, BIO206H5, CHM120H5, STA215H5
<b>Corequisite:</b>	None
<b>Recommended Preparation:</b>	BIO312H5, CHM242H5, CHM362H5
<b>Rationale:</b>	There is no course on campus currently addressing this subject. Metabolomics analysis techniques are increasingly vital to students pursuing careers in pharma, research and biotechnology. It will complement critical thinking skills for students in the plant sciences, analytical chemistry, and health sciences
<b>No. Hours Instruction:</b>	12L, 24S
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

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## Course #3 BIO347H5 Epigenetics (SCI)

<b>Description:</b>	Epigenetic phenomena play key roles in environmental interactions, development, and in disease. Underlying molecular mechanisms that regulate chromatin structure and gene expression are explored, including DNA methylation, histone modifications, or non-coding RNAs. Examples focus predominantly on eukaryotes (e.g. plants, insects, humans) and highlight how epigenetic marks are set, maintained, and involved in shaping phenotypic outcomes. The course will also enable students to apply knowledge and basic principles to recent scientific literature in this dynamic field.
<b>Exclusion:</b>	BIOD19H3, CSB458H1
<b>Prerequisite:</b>	BIO206H5, BIO207H5
<b>Corequisite:</b>	None
<b>Recommended Preparation:</b>	BIO202H5, BIO203H5
<b>Rationale:</b>	Epigenetics studies persistent changes in phenotypes and organismal responses which occur without alterations in the sequence of an organism's DNA itself. It represents a very active area of research where novel aspects are being discovered on a regular basis such as, the discovery/relevance of certain RNA species, components of protein complexes, histone variants or chromatin structures. The course will not only introduce core concepts, examples and underlying molecular mechanisms of epigenetic phenomena; it also provides an opportunity for students to access and critically evaluate recent findings and cutting-edge approaches in this highly dynamic research area. The course builds on and complements existing courses e.g. in Cell and Molecular Biology and Genetics, Plant Biology and Animal Physiology; and it will fit into current Biology Programs. For example, it will build on courses in Genetics or Cell and Molecular Biology (BIO206, BIO207), widen the understanding of physiological and developmental aspects (BIO202, BIO207) and provide complex knowledge complementary to e.g. BIO372 or BIO314. This course could also serve as preparation for a 4th year more specialized course in plant



epigenetics.

**No. Hours Instruction:** 24L, 12T  
**Offered at St George:** No  
**Revived Course:** No

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#### **Course #4 BIO368H5 Medicinal Plants and Human Health (SCI)**

**Description:** This course addresses the role of plants in human health and medicine, including the action of plant pharmaceuticals, the function of essential vitamins and their deficiencies, and the roles of nutraceutical secondary metabolites in health. We will also discuss health related controversies such as genetically modified plants and herbal supplements.

**Exclusion:** NFS400H1

**Prerequisite:** BIO203H5, BIO206H5

**Corequisite:** None

**Recommended Preparation:** CHM242H5

**Rationale:** Academic Relevance: State reason for creating the course: Many essential components of the human diet and many pharmaceuticals are provided in the form of plant metabolites, but no course specifically addresses the role of plants in human health and nutrition or medicinal plants. In addition, multitudes of human diseases are related to deficiencies of nutrients provided by plants but this subject is also treated only indirectly by other courses within the U of T system. The closest course, NFS400H1 Functional Foods and Nutraceuticals in Human Nutrition, shares about 40% overlap with the proposed course and so is suggested as an exclusion. This course, however, will be taught from the point of view of plant and animal biology rather than the applied emphasis of NFS. It will be aimed at students interested in a health sciences career path and requires only a single plant specific course (BIO203H5) so as to broaden its accessibility to non-plant specialists and would fit well in the upcoming Health Sciences stream to be offered in our department. At the same time, it provides good emphasis on plant secondary metabolism and will be a solid addition to the future Plant Sciences stream.

**No. Hours Instruction:** 24L, 12T  
**Offered at St George:** No  
**Revived Course:** No

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#### **Course #5 BIO378H5 The Biology of Marine Mammals: evolution, physiology, ecology and conservation (SCI)**

**Description:** This course provides an introduction to the biological study of marine mammals and their populations. It explores the evolution of marine mammals, their adaptations to aquatic environments, as well as their population and behavioural ecology. The course also investigates threats to marine mammal populations and their national and global conservation.

**Exclusion:** None

**Prerequisite:** BIO152, BIO153, BIO202, BIO205

**Corequisite:** None

**Recommended Preparation:** None

**Rationale:** There is currently no course like this being taught on either of the three U of T campuses. Marine mammals are often considered charismatic megafauna and frequently gather lots of media attention. Exploring marine mammals from a biological perspective warrants similar attention, and provides students with an opportunity to connect and apply a range of concepts from 1st to 3rd year courses on an organismal level. Marine mammals provide valuable case studies for evolutionary questions, illustrate physiological adaptations to extreme environments, display a wide range of behavioural and social strategies, and their study has been instrumental in developing new tools in many of these areas of research. Finally, marine mammal conservation poses questions ranging from the quality of population estimates and the impacts of human activities, to the legal framework for the high seas and societal attitudes towards conservation. This course encourages students to integrate evolutionary, physiological and ecological concepts, and to link them with wider considerations of why and how species are threatened and/or protected on a national and global scale.

**No. Hours Instruction:** 24L, 24T  
**Offered at St George:** No



Revised Course: No

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### Course #6 BIO422H5 Plant Epigenetics (SCI)

**Description:** Plants show a remarkable plasticity that allows them to grow and survive in an ever-changing environment. Epigenetic mechanisms provide a fascinating layer of regulation that integrates the genome and environment. In addition, epigenetic marks can contribute to lasting effects that occur without changes in the underlying DNA sequence itself. This course explores how plant epigenomes respond to change such as stresses or developmental transitions. Influences on genome function, phenotype, and how epigenetic marks are transmitted will be discussed interactively drawing on recent primary literature and modern technological advances.

**Exclusion:** BIOD19H3

**Prerequisite:** BIO312H5, BIO347H5

**Corequisite:** None

**Recommended Preparation:** BIO341H5, BIO372H5

**Rationale:** Plants dominate our terrestrial ecosystems and provide food and resources for our growing population. Knowledge of the diverse mechanisms that control plant responses to environmental change will enhance the student's understanding of the challenges that sessile organisms face. Plant epigenetics is currently an emerging field of research and discovery with potential implications for ecology or agriforestry. This course aims to critically discuss the current state of plant epigenetics. It will assess contributions of different epigenetic pathways (e.g. histone modifications, DNA methylation pathways, small RNAs) to immediate and lasting effects on genome structure, function, and heritability of epigenetic effects. While the general mechanisms shaping epigenetic marks show a considerable degree of conservation among different kingdoms, there are remarkable differences in specific pathways with profound implications to the outcomes; e.g. re-setting of methylation marks in the mammalian germ line vs. angiosperm embryos, relevance of CpG islands, Polycomb Group proteins etc. The course will place emphasis on interactive learning and exploration of material from primary literature to understand milestone discoveries in plant epigenetics and to identify gaps in our current knowledge. The course builds on and complements existing courses e.g. in Cell and Molecular Biology and Genetics, Plant Biology and Animal Physiology; and it will fit into current Biology Programs. For example, it will build on courses in Genetics or Cell and Molecular Biology (BIO347, BIO372), widen the understanding of physiological and developmental aspects (BIO312, BIO207) and provide complex knowledge complementary to BIO483 or BIO341.

**No. Hours Instruction:** 12L, 24S

**Offered at St George:** No

**Revised Course:** No

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### Course #7 CSC409H5 Scalable Computing (SCI)

**Description:** We investigate computation in the large -- utilizing many CPUs with large amounts of memory, large storage and massive connectivity -- to solve computationally complex problems involving big data, serving large collections of users, in high availability, global settings. Our investigation covers both theoretical techniques and current, applied tools used to scale applications on the desktop and in the cloud. Topics include caching, load balancing, parallel computing and models of computation, redundancy, failover strategies, use of GPUs, and noSQL databases. [24L, 12T]

**Prerequisite:** CSC309H5, 369H5, 373H5

**Rationale:** This course provides coverage on three topics that have become important in the field: enterprise computing, big data, and parallel computing. Big data is introduced in CSC343 (databases), and parallel computation is introduced in CSC369 (operating systems), and this course provides a realistic context in which to further develop those topics.

**No. Hours Instruction:** 24

**Offered at St George:** No

**Revised Course:** No

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### Course #8 CSC499Y5 Research Opportunity Program (SCI)

**Description:** This course provides a richly rewarding opportunity for students in their third or fourth year to work in the research project of a professor in return for 499Y 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 Learning Programs[[http://student.utm.utoronto.ca/calendar/calendar\\_detail2.pl?Topic=Experiential%20Learning%20Programs](http://student.utm.utoronto.ca/calendar/calendar_detail2.pl?Topic=Experiential%20Learning%20Programs)] for more details.

**Rationale:** We currently run 3-5 students through 299 and 399 ROP programs each year. In the past year, 2 students asked if it would be possible to earn a 499 credit after taking 399, if a more advanced topic were pursued. Adding this course would give them the opportunity to do so.

499 ROP courses are offered by other departments, so there is precedent for the 4th year code.

**No. Hours**

**Instruction:**

**Offered at St George:** No

**Revived Course:** No

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### Course #9 ERS312H5 Oceanography (SCI)

**Description:** The world's oceans cover approximately 70% of the Earth Surface and Canada has extensive coastlines along three major ocean basins. This course will provide an understanding of chemical, biological, physical and geologic aspects of the oceans. Emphasis will be placed on the geological and geophysical processes that form and shape the ocean basins and continental margins. In addition, this course will offer an insight into the paleoceanographic evolution of our planet. [36L]

**Prerequisite:** **One of:** (ERS201H5/202H5/203H5)/(GGR214H5/217H5/227H5)

**Rationale:** Expand program offering in Earth Sciences. This course will be of interest to other disciplines such as Biology, Geography, Environmental Sciences. At other universities Oceanography courses often have a large enrolment.

**No. Hours Instruction:** 36L

**Offered at St George:** No

**Revived Course:** No

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### Course #10 ERS381H5 Special Topics in Earth Sciences (SCI)

**Description:** A survey of current thinking in Earth science. Topics may include obtaining data in the field or lab and analysing it, an interdisciplinary research project, and supervised readings.

**Exclusion:** ESS381H1

**Prerequisite:** Enrolment in ERS Major or ERS Specialist or Geology Specialist Program, 1.0 credits at ERS or ESS 300 level

**Rationale:** Expand program offering in Earth Sciences. Create flexible course that can be taught to individual or groups of students based on interest/need.

**No. Hours Instruction:** 24L, 24P

**Offered at St George:** Yes

**Revived Course:** No

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### Course #11 ERS425H5 Geology of North America (SCI)

**Description:** This course will provide students with a first-hand exposure to geologic outcrops in the southwestern United States, where knowledge gained during classroom instruction throughout their studies can be applied to textbook examples of a variety of geologic features. The course is structured around one major field trip during fall break, plus preparatory work. There is a nonrefundable fee associated with this course beyond tuition. Students must register on ROSI, on a first-come first-serve and non-refundable deposit basis. The deposit must be received by the Department within one week from the first day of enrollment or the student will be dropped automatically from the course. Students should contact the Department by May of the academic year preceding the course to find out more details about the specific field trip plans. 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.

**Exclusion:** ESS420H1

**Prerequisite:** Enrolment in ERS Major or ERS Specialist or Geology Specialist Program, 1.5 credits at ERS or ESS 300 level

**Rationale:** Expand program offering in Earth Sciences. Add much needed field component to program. 9 day field trip

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

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### Course #12 FSC303H5 Techniques of Crime Scene Investigation (SCI)

**Description:** This course will provide students with an introduction to forensic photography, crime scene processing, and forensic identification. Topics include, but are not limited to: fingerprint identification, chance impression evidence, physical evidence, crime scene and victim photography, and proper documentation of a crime scene. Students will gain an understanding of the basic toolkit required for crime scene processing, and learn the fundamentals of proper collection and analysis of physical evidence.

**Exclusion:** FSC300H5, FSC302H5

**Prerequisite:** FSC239Y, FSC271H5

**Rationale:** The new FSC minor is proving popular, resulting in an increase in the 3rd year lab courses covering advanced techniques of crime scene processing. These courses, aimed at specialists and majors seeking jobs in forensic science, are in depth and require intense use of the cameras and other equipment. Minors do not require the same degree of experience with equipment, or depth of knowledge. This course is intended to provide Minors with knowledge and practical experience broadly, rather than in depth. Students completing FSC303H5 may take the more advanced courses if they wish, but FSC303H5 allows students to fulfill the 3rd year experiential learning requirement in the FSC Minor Program at a more introductory level that is consistent with other courses they can choose, e.g. ANT306 (Forensic Anthropology Field School).

**No. Hours**  
**Instruction:** [12L, 24P]

**Offered at St** No  
**George:**

**Revived Course:** No

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### Course #13 FSC399Y5 Research Opportunity Program (SCI)

**Description:** This course provides senior undergraduate students who have developed some knowledge of a discipline and its research methods an opportunity to work in a research project. Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. This course is aimed at facilitating International Research Opportunities offered at U of T's partner institutions and coordinated through the Centre for International Experience. For details see Experiential Learning Programs.

**Rationale:** FSC does not have an ROP course, but we have many partners and opportunities for students to do research, especially internationally; facilitates international partnership opportunities.

**No. Hours**  
**Instruction:**  
**Offered at St** No  
**George:**

**Revived Course:** No

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### Course #14 MAT157Y5 Analysis I (SCI)

**Description:** A theoretical course in calculus for students with a very serious interest in mathematics; emphasizing proofs and techniques, as well as geometric and physical understanding. Trigonometric identities. Limits and continuity; least upper bounds, intermediate and extreme value theorems. Derivatives, mean value and inverse function theorems. Integrals; fundamental theorem; elementary transcendental functions. Techniques of integration. Taylor's theorem; sequences and series; uniform convergence and power series. [72L, 48T]

**Note: MAT157Y5 will be accepted anywhere where MAT137Y5 is accepted.**

**Exclusion:** MAT133Y5, 134Y5, 135Y5, 137Y5, 133Y1, 135Y1, 135H1, 136H1, 137Y1, 157Y1, MATA29H3, MATA30H3, MATA31H3, MATA32H3, MATA33H3, MATA35H3, MATA36H3, MATA37H3

**Prerequisite:** Minimum 70% in Grade 12 Advanced Functions (MHF4U), Minimum 70% in Grade 12 Calculus and Vectors (MCV4U)

**Rationale:** Our theoretical course MAT137Y5 is growing and many students are looking for an even more advanced course in calculus. Offering the advanced calculus sequence MAT157Y5 and MAT257Y5 allows us to accommodate our strongest students. Our current courses MAT137Y5 and MAT232H5+MAT236H5 are not accepted for many

advanced course at the St George campus, which leads to problems for strong students wanting to supplement their UTM courses with courses at St George. Offering MAT157Y5 and MAT257Y5 will allow those students to stay at UTM while supplementing with additional courses from St George in their upper years.

**No. Hours Instruction:** 72  
**Offered at St George:** Yes  
**Revived Course:** No

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### Course #15 MAT257Y5 Analysis II (SCI)

**Description:** A theoretical second course in calculus for students with a serious interest in mathematics. Topology of  $\mathbb{R}^n$ ; compactness, functions and continuity, extreme value theorem. Derivatives; inverse and implicit function theorems, maxima and minima, Lagrange multipliers. Integration; Fubini's theorem, partitions of unity, change of variables. Differential forms. Manifolds in  $\mathbb{R}^n$ ; integration on manifolds; Stokes' theorem for differential forms and classical versions. [72L, 48]

**Note: MAT257Y5 will be accepted anywhere where MAT232H5 or MAT236H5 are accepted.**

**Exclusion:** MAT232H5, 233H5, 235Y1, 236H5, 236H1, 237Y1, 257Y1, MATB41H3, MATB42H3

**Prerequisite:** MAT157Y5

**Rationale:** Our theoretical course MAT137Y5 is growing and many students are looking for an even more advanced course in calculus. Offering the advanced calculus sequence MAT157Y5 and MAT257Y5 allows us to accommodate our strongest students. Our current courses MAT137Y5 and MAT232H5+MAT236H5 are not accepted for many advanced course at the St George campus, which leads to problems for strong students wanting to supplement their UTM courses with courses at St George. Offering MAT157Y5 and MAT257Y5 will allow those students to stay at UTM while supplementing with additional courses from St George in their upper years.

**No. Hours Instruction:** 72  
**Offered at St George:** Yes  
**Revived Course:** No

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### Course #16 PHY146H5 Principles of Physics I (SCI)

**Description:** 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. [36L,15P,12T]

**Exclusion:** PHY136H5; PHY131H1, PHY151H1; PHYA10H3, PHYA 11H3

**Prerequisite:** Grades 12 Physics (SPH4U); Grade 12 Advanced Functions (MHF4U); Grade 12 Calculus & Vectors (MCV4U)

**Corequisite:** MAT135Y5/MAT137Y5

**Rationale:** We need to introduce this calculus-based first-year physics course to better serve the increasing number of students who pursue the Physics programs or any of the Specialists or Major programs of the other disciplines in the Department of Chemical and Physical Sciences. This type of course is a standard offering at every university in Canada and US with a Physics or Physical Sciences program of study. The existing courses (PHY100, 136 and 137) are mostly service courses to non-science, biology or pre-med students. The new course will be an ideal preparation for the second year and other upper year PHY courses and will lend credibility to our students applying for graduate school.

**Resource Implications:** Existing faculty will teach PHY146H5. This means that a sessional instructor will be needed for one of the physics courses currently taught by existing faculty. The anticipated enrollment is estimated to be around 60 students, equivalent to 2 practical/tutorial sections; additional lab equipment for a total cost of 26000 CAN\$ will be required for PHY146H5 and PHY147H5. 150 TA hours for practicals and tutorials will be needed for PHY146H5. PHY146/7 students would essentially be removed from PHY136/7, meaning that most or all of the TA hours added for the new courses would be removed from PHY136/7.

**No. Hours Instruction:** 36L, 15P, 12T  
**Offered at St George:** Yes  
**Revived Course:** No

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## Course #17 PHY147H5 Principles of Physics II (SCI)

<b>Description:</b>	The second physics course 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. The concept of a field and its mathematical description in terms of vector calculus will be introduced as a way to provide a description of gravity and electromagnetism. The wave-particle duality will be introduced as way to address issues with the classical view of the behavior of sub-atomic phenomena. [36L, 15P, 12T]
<b>Exclusion:</b>	PHY137H5; PHY132H1, PHY152H1; PHYA21H3, PHYA 22H3
<b>Prerequisite:</b>	PHY146H5
<b>Corequisite:</b>	MAT135Y5/MAT137Y5
<b>Rationale:</b>	We need to introduce this calculus-based first-year physics course to better serve the increasing number of students who pursue the Physics programs or any of the Specialists or Major programs of the other disciplines in the Department of Chemical and Physical Sciences. This type of course is a standard offering at every university in Canada and US with a Physics or Physical Sciences program of study. The existing courses (PHY100, 136 and 137) are mostly service courses to non-science, biology or pre-med students. The new course will be an ideal preparation for the second year and other upper year PHY courses and will lend credibility to our students applying for graduate school.  <b>Resource Implications:</b> A new hire (2016-17 search ongoing) will teach PHY147. The anticipated enrollment is estimated to be around 50 students, equivalent to 2 practical/tutorial sections; additional lab equipment for a total cost of 26000 CAN\$ will be required for PHY146H5 and PHY147H5. 150 TA hours for practicals and tutorials will be needed for PHY147H5. PHY146/7 students would essentially be removed from PHY136/7, meaning that most or all of the TA hours added for the new courses would be removed from PHY136/7.
<b>No. Hours Instruction:</b>	36L, 15P, 12T
<b>Offered at St George:</b>	Yes
<b>Revived Course:</b>	No

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## Course #18 PSY317H5 Gender and Sexual Development (SCI)

<b>Description:</b>	This course examines gender and sexual development with an emphasis on cognitive, social and cultural processes. Topics include gender stereotypes, roles, and identity, psychological gender and sexual orientation differences, sexuality across the lifespan and atypical expressions of gender and sexuality. [36L]
<b>Exclusion:</b>	PSY323H1
<b>Prerequisite:</b>	PSY201H5/equivalent, PSY210H5
<b>Rationale:</b>	Gender and sexuality are core features of psychological development that intersect with and have profound influences on a wide variety of domains (e.g., identity, attitudes, cognition, preferences, behaviour, sociality, and psychological well-being). This third-year undergraduate lecture course will focus on gender and sexual development from cognitive and sociocultural perspectives and add to the cluster c group of third-year courses in the area of Development/Abnormal/Social/Personality Psychology (p. 324 of the 2016-2017 Calendar). This course will extend the existing curriculum by providing an in-depth lecture course that builds on the gender development subsection of Introduction to Developmental Psychology (PSY210H5). Further, it complements Biopsychology of Sex (PSY354H5) which focuses primarily on biological influences by approaching gender and sexual development from alternate theoretical perspectives. As such, adding this course to the curriculum will result in a more comprehensive treatment of gender and sexuality.
<b>No. Hours Instruction:</b>	36L
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

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## Course #19 utm118H5 utmONE: Science of Learning (SSc,SCI)

<b>Description:</b>	This interdisciplinary course encourages students to take ownership of their education through a focus on the process of learning how to learn and by cultivating the habits of mind for lifelong achievement and success. Student will explore theories of learning and research on the strategies students should employ to reach deep understanding. Science of Learning is designed to help students develop their critical thinking, university-level oral and written communication, critical reading, and other foundational academic skills. As part of this course students will participate in a series of tutorials that will introduce them to essential elements of a holistic student experience (such as career exploration, health and wellness, and co-curricular engagement). [24L, 12T]
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**Exclusion:** utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5

**Rationale:** utmONE is designed to offer transitional courses on a rotating basis to our incoming students. We have a new faculty members offering new courses beginning next year.

**No. Hours Instruction:** 24L, 12T

**Offered at St George:** No

**Revived Course:** No

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# Courses - Resource Implications

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## Course #1 ANT306H5 Forensic Anthropology Field School

Resource implications: None.

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## Course #2 ANT312H5 Archaeological Analysis

Resource implications: None.

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## Course #3 ANT318H5 Archaeological Fieldwork

Resource implications: None.

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## Course #4 ANT380H5 Special Topics in Biological Anthropology and Archaeology

Resource implications: New faculty will teach this course as part of the regular rotation; TA hires as per existing TA Rationale levels.

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## Course #5 ANT415H5 Faunal Archaeo-Osteology

Resource implications: None.

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## Course #6 ANT418H5 Advanced Archaeological Fieldwork

Resource implications: None.

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## Course #7 ANT432H5 Advanced Seminar in Anthropology

Resource implications: None.

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## Course #8 ANT434H5 Palaeopathology

Resource implications: None.

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## Course #9 ANT441H5 Advanced Bioarchaeology

Resource implications: None.

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## Course #10 AST101H5 Solar System Astronomy

Resource implications: none

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## Course #11 AST201H5 Stars and Galaxies

Resource implications: none

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## Course #12 AST252H5 Cosmic Evolution

Resource implications: none

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## Course #13 BIO152H5 Introduction to Evolution and Evolutionary Genetics

Resource implications: None

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## Course #14 BIO200H5 Introduction to Pharmacology: Pharmacokinetic Principles

Resource implications: None

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**Course #15 BIO202H5 Introductory Animal Physiology**

Resource implications: None

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**Course #16 BIO203H5 Introductory Plant Morphology and Physiology**

Resource implications: None

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**Course #17 BIO206H5 Introductory Cell and Molecular Biology**

Resource implications: None

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**Course #18 BIO210Y5 Fundamentals of Human Anatomy and Physiology**

Resource implications: None

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**Course #19 BIO313H5 Field Methods and Statistical Analyses in Ecology**

Resource implications: None

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**Course #20 BIO324H5 Plant Metabolism and Metabolomics**

Resource implications: Resource implications are awaiting approval from the Dean's Office (TA marking hours only)

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**Course #21 BIO333H5 Freshwater Ecology**

Resource implications: None

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**Course #22 BIO347H5 Epigenetics**

Resource implications: Resource implications are awaiting approval from the Dean's Office (TA marking hours only)

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**Course #23 BIO361H5 Biometrics II**

Resource implications: None

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**Course #24 BIO362H5 Bioinformatics**

Resource implications: None

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**Course #25 BIO368H5 Medicinal Plants and Human Health**

Resource implications: Resource implications are awaiting approval from the Dean's Office (possible TA marking hours only)

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**Course #26 BIO373H5 Environmental Microbiology**

Resource implications: None

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**Course #27 BIO378H5 The Biology of Marine Mammals: evolution, physiology, ecology and conservation**

Resource implications: Resource implications are awaiting approval from the Dean's Office

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**Course #28 BIO422H5 Plant Epigenetics**

Resource implications: None

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**Course #29 BIO445H5 Evolutionary Ecology**

Resource implications: None

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**Course #30 BIO458H5 Genomics**

Resource implications: None

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**Course #31 CCT399Y5 Research Opportunity Program (ROP)**

Resource implications: None

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**Course #32 CHM110H5 Chemical Principles 1**

Resource implications: none

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**Course #33 CHM120H5 Chemical Principles 2**

Resource implications: none

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**Course #34 CHM211H5 Fundamentals of Analytical Chemistry**

Resource implications: none

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**Course #35 CHM231H5 Inorganic Chemistry I**

Resource implications: none

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**Course #36 CHM242H5 Introductory Organic Chemistry I**

Resource implications: none

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**Course #37 CHM299Y5 Research Opportunity Program**

Resource implications: none

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**Course #38 CHM311H5 Instrumental Analytical Chemistry**

Resource implications: none

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**Course #39 CHM361H5 Structural Biochemistry**

Resource implications: none

---

**Course #40 CHM362H5 Metabolism and Bioenergetics**

Resource implications: none

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**Course #41 CHM396H5 Instrumentation Laboratory I**

Resource implications: none

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**Course #42 CHM397H5 Instrumentation Laboratory II**

Resource implications: none

---

**Course #43 CHM399Y5 Research Opportunity Program**

Resource implications: none

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**Course #44 CHM442H5 Developments in Organic Chemistry**

Resource implications: None

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### **Course #45 CHM489Y5 Introduction to Research in Chemistry**

Resource implications: none

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### **Course #46 CSC322H5 Introduction to Algebraic Cryptography**

Resource implications: None.

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### **Course #47 CSC409H5 Scalable Computing**

**Resource implications:** None. The CS program typically offers 3-4 4th year courses per year, in a rotation. This course would join the rotation and will be offered when there is sufficient interest.

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### **Course #48 CSC499Y5 Research Opportunity Program**

**Resource implications:** None. ROP courses are taught by individual instructors. No teaching credit or TA resources are required.

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### **Course #49 ENV332H5 Practicum in Environmental Project Management**

Resource implications: none

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### **Course #50 ENV431H5 International Sustainability Canada-Mexico**

**Resource implications:** department to cover supervisor travel and there will be ancillary fees added to cover student travel fees.

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### **Course #51 ENV495H5 Restoration Ecology I**

Resource implications: none

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### **Course #52 ENV496H5 Restoration Ecology II**

Resource implications: none

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### **Course #53 ERS312H5 Oceanography**

**Resource implications:** None, Course will be taught on alternating basis by current faculty

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### **Course #54 ERS381H5 Special Topics in Earth Sciences**

**Resource implications:** None. Course will be taught by current faculty on a voluntary basis.

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### **Course #55 ERS425H5 Geology of North America**

**Resource implications:** None. Course will be team taught by current faculty on a voluntary, rotational basis. Cost for field trip is estimated at ~\$2000 per student, the Department will cover CAN\$1000 per student from the operating budget and students are expected to pay the remaining CAN\$1000. This will cover all costs except for food which students are expected to cover themselves.

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### **Course #56 FSC271H5 Ethics and Professionalism in Forensic Science**

**Resource implications:** None assigned TA hours have always reflected seminar format

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### **Course #57 FSC303H5 Techniques of Crime Scene Investigation**

**Resource implications:** FSC already has the equipment necessary to run this course. It is expected that many students will be redirected from the existing advanced courses to the proposed course, which means TA support will shift from one course to the other. FSC currently hires ongoing LTL and stipend positions to teach most of the existing courses (we do not have any full time faculty in FSC). We will be hiring a Forensic Chemist this year. Depending on expertise, this person might choose to teach the new course, or teach a course that would allow one of our LTL s to offer this proposed course.

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**Course #58 FSC399Y5 Research Opportunity Program**

Resource implications: None students receive some funding from international office for such opportunities.

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**Course #59 GGR112H5 Physical Geography**

Resource implications: none

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**Course #60 GGR227H5 Ecosystems and Environmental Change**

Resource implications: none

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**Course #61 GGR276H5 Quantitative Methods I in Geography**

Resource implications: none

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**Course #62 GGR311H5 Landscape Biogeography**

Resource implications: None

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**Course #63 GGR376H5 Quantitative Methods II in Geography**

Resource implications: none

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**Course #64 GGR406H5 Biogeochemistry**

Resource implications: none

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**Course #65 GGR437H5 Advanced Remote Sensing**

Resource implications: none

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**Course #66 GGR484H5 The Climate of the Arctic**

Resource implications: none

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**Course #67 HSC404H5 Advanced Visual Media for Anthropological Data**

Resource implications: None

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**Course #68 HSC405H5 Digital Forensic Facial Reconstruction**

Resource implications: None

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**Course #69 HSC406H5 Advanced Written Communication for Health Care**

Resource implications: None

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**Course #70 JBC472H5 Seminars in Biotechnology**

Resource implications: None

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**Course #71 JCP221H5 Thermodynamics and Kinetics**

Resource implications: none

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**Course #72 JCP321H5 Introduction to Quantum Mechanics**

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Resource implications: none

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### **Course #73 JCP410H5 Modelling of Biochemical Systems**

Resource implications: none

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### **Course #74 JCP422H5 NMR Spectroscopy**

Resource implications: none

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### **Course #75 JEG400Y5 Geography / Environment Science Internship**

Resource implications: none

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### **Course #76 MAT157Y5 Analysis I**

**Resource implications:** None. In 2016-2017 there are 3 sections of MAT137 (up from 1 section a few years ago and 2 sections in 2015-2016). Offering MAT157 would mean that MAT137 could be brought back down to 2 sections. There would therefore not be any resource implications in offering MAT157Y5.

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### **Course #77 MAT202H5 Introduction to Discrete Mathematics**

**Resource implications:** None.

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### **Course #78 MAT233H5 Calculus of Several Variables**

**Resource implications:** None. The same students will still be able to enroll in MAT233H5, but they will be able to register earlier, without waiting for priority enrollment deadlines.

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### **Course #79 MAT257Y5 Analysis II**

**Resource implications:** None. MAT257Y5 would replace MAT232H5 and MAT236H5 for our strongest students. This will allow us to stall the growth of MAT232H5 and MAT236H5 and not add any new sections in those courses at this time. There would therefore not be any resource implications in offering MAT257Y5.

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### **Course #80 MAT311H5 Partial Differential Equations**

**Resource implications:** None.

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### **Course #81 MAT332H5 Introduction to Nonlinear Dynamics and Chaos**

**Resource implications:** None.

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### **Course #82 MAT334H5 Complex Variables**

**Resource implications:** None.

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### **Course #83 MAT344H5 Introduction to Combinatorics**

**Resource implications:** None.

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### **Course #84 MAT378H5 Introduction to Real Analysis**

**Resource implications:** None.

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### **Course #85 MAT392H5 Ideas of Mathematics**

**Resource implications:** None

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### **Course #86 PHY136H5 Introductory Physics I**

Resource implications: none

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**Course #87 PHY137H5 Introductory Physics II**

Resource implications: none

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**Course #88 PHY146H5 Principles of Physics I**

Resource implications: Yes. See bottom of rationale.

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**Course #89 PHY147H5 Principles of Physics II**

Resource implications: See bottom of Rationale.

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**Course #90 PHY241H5 Electromagnetism**

Resource implications: none

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**Course #91 PHY242H5 Thermal Physics and Fluid Mechanics**

Resource implications: none

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**Course #92 PHY245H5 Vibrations and Waves**

Resource implications: none

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**Course #93 PHY255H5 Introduction to Biomedical Physics**

Resource implications: none

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**Course #94 PHY324H5 Advanced Physics Laboratory**

Resource implications: none

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**Course #95 PHY347H5 Optics**

Resource implications: none

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**Course #96 PHY399Y5 Research Opportunity Program**

Resource implications: none

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**Course #97 PHY489Y5 Introduction to Research in Physics**

Resource implications: none.

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**Course #98 PSY317H5 Gender and Sexual Development**

Resource implications: None

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**Course #99 PSY399H5 Biopsychology Laboratory**

Resource implications: None

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**Course #100 PSY400Y5 Thesis**

Resource implications: none

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**Course #101 PSY442Y5 Practicum in Exceptionality in Human Learning**

Resource implications: none

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**Course #102 SOC350H5 Quantitative Analysis**

Resource implications: None

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**Course #103 STA310H5 Bayesian Statistics in Forensic Science**

Resource implications: None.

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**Course #104 STA413H5 Estimation and Testing**

Resource implications: None.

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**Course #105 STA441H5 Methods of Applied Statistics**

Resource implications: None.

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**Course #106 utm111H5 utmONE: Tools of the Trade**

Resource implications: There are no resource implications for the change in description.

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**Course #107 utm113H5 utmONE: Humans in Nature: Interactions and Impacts**

Resource implications: There are no resource implications.

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**Course #108 utm118H5 utmONE: Science of Learning**

Resource implications: There are no resource implications as this course would replace an existing offering.

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**Course #109 utm290H5 Launching your Research**

Resource implications: As a UTM Abroad course, funding has been secured for this course. We will also be participating in the ancillary budget process for associated student ancillary costs.

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# Deleted Courses

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## **Course #1 GGR312H5 Landscape Ecology of Animal Populations**

**Rationale:** Course has not been offered in 10 years.

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## **Course #2 SCI395H5 Science Education: Basic Concepts**

**Rationale:** Program has not been offered since 2011.

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## **Course #3 SCI396H5 Science Education: Special Topics**

**Rationale:** Program has not been offered since 2011.

---

## **Course #4 SCI499H5 Science Education Project**

**Rationale:** Program has not been offered since 2011.

---

## **Course #5 STA431H5 Structural Equation Models**

**Rationale:** This is not a mainstream course. It can still be offered as a Topics course.

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# Renumbered Courses

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## Course #1 ENV431H5 International Sustainability Canada-Mexico

**Before:** *ENV331H5*

**After:** *ENV431H5*

**Rationale:** Instructors for ENV331H5 feel that raising the course to a 4th year level because this course requires students with more experience.

---

## Course #2 GGR376H5 Quantitative Methods II in Geography

**Before:** *GGR488H5*

**After:** *GGR376H5*

**Rationale:** Offering this course at the 300-level, fits our curriculum better and the number follows in sequence "Quantitative Methods I in Geography" at the second year level (GGR276H5)

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## Course #3 GGR437H5 Advanced Remote Sensing

**Before:** *GGR464H5*

**After:** *GGR437H5*

**Rationale:** This course follows GGR337H5, renumbering this to GGR437H5 helps students follow the sequence.

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# Courses - Description Changes

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## Course #1 ANT306H5 Forensic Anthropology Field School

Before:

After: ***class="title2">Limited Enrolment and Application Process: see Anthropology department website for more details.***

Rationale: More descriptive of what we are actually doing.

---

## Course #2 ANT312H5 Archaeological Analysis

Before: This course will introduce the process of archaeological research, from project design through report write-up. The student will create a project ***proposal and budget***, choose methods of survey and excavation, describe and organize data for analysis, and summarize findings in a project report. [12L, 24P]

After: This course will introduce the process of archaeological research, from project design through report write-up. The student will create a project ***proposal***, choose methods of survey and excavation, describe and organize data for analysis, and summarize findings in a project report. [12L, 24P]

Rationale: Clarification: not all projects are suitable for budget creation.

---

## Course #3 ANT318H5 Archaeological Fieldwork

Before: Limited ***Enrolment***

After: Limited ***Enrolment and Application Process: see Anthropology department website for more details.***

Rationale: More descriptive of what we are actually doing.

---

## Course #4 ANT415H5 Faunal Archaeo-Osteology

Before: Examination and interpretation of faunal material from archaeological sites, to obtain cultural information regarding the site occupants. ***[36P]***

After: Examination and interpretation of faunal material from archaeological sites, to obtain cultural information regarding the site occupants. ***[12L, 24P]***

Rationale: More descriptive of how the 36 hrs are used since 12 of the 36 hrs at the beginning of the lab classes are actually instructional and not hands-on lab work.

---

## Course #5 ANT418H5 Advanced Archaeological Fieldwork

Before:

After: ***class="title2">Limited Enrolment and Application Process: see Anthropology department website for more details.***

Rationale: Since ANT418 is the "advanced" version of ANT318, description updated with same wording as ANT318 with added notation that it's for those who want more advanced fieldwork experience. Notation of Limited enrolment and application process added to reflect what we are actually already doing.

---

## Course #6 ANT418H5 Advanced Archaeological Fieldwork

Before: ~~***Fieldwork and analysis***~~ of ~~***artifacts***~~. [27L, 101P]

After: ***Practical experience on an archaeological site during the last two weeks of August, followed by weekly laboratory sessions September to December. Advanced practical experience for students who completed ANT318 and are ready for more advanced field experiences.*** [27L, 101P]

Rationale: Since ANT418 is the "advanced" version of ANT318, description updated with same wording as ANT318 with added notation that it's for those who want more advanced fieldwork experience. Notation of Limited enrolment and application process added to reflect what we are actually already doing.

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## Course #7 ANT432H5 Advanced Seminar in Anthropology

- Before:** Special seminar on selected topics in any aspect of anthropology, including one or more sub-fields; focus of seminar changes each year. [24S]
- After:** Special seminar on selected topics in any **scientific** aspect of anthropology, including one or more sub-fields; focus of seminar changes each year. [24S]
- Rationale:** Similar to ANT461H5 which is the social science counterpart, the title was changed to match it for consistency. As well, since we are assigning this course for the science designation, delete the SSc designation and add the word "science" to the description.
- 

## Course #8 AST252H5 Cosmic Evolution

- Before:** ***Offered in 2013-14.***
- After:**
- Rationale:**
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## Course #9 BIO361H5 Biometrics II

- Before:** This course is a sequel to BIO360 in which topics in biological statistics are explored at an advanced level. Multiple regression, concepts of power, multi-factor analysis of variance, advanced experimental designs, logistic regression, Monte Carlo techniques, generalized linear models and principal component analyses are explored using R. [24L, **36T**]
- After:** This course is a sequel to BIO360 in which topics in biological statistics are explored at an advanced level. Multiple regression, concepts of power, multi-factor analysis of variance, advanced experimental designs, logistic regression, Monte Carlo techniques, generalized linear models and principal component analyses are explored using R. [24L, **24T**]
- Rationale:** Since 2012 the course has been taught as 12L, 12T (and is currently like this on the timetable). Has just been missed in the actual calendar until now.
- 

## Course #10 CHM242H5 Introductory Organic Chemistry I

- Before:** Fundamentals of organic chemistry emphasizing reactions of alkanes and alkenes. The first half of a two-course sequence (with CHM243H5) required in the Chemistry major and specialist programs. **[36L, 12T]**
- After:** Fundamentals of organic chemistry emphasizing reactions of alkanes and alkenes. The first half of a two-course sequence (with CHM243H5) required in the Chemistry major and specialist programs. **[36L, 12T]**
- Rationale:** To delete a course that was cancelled five years ago. Removing text regarding CHM115H5. Reverting prerequisite back to original 60% for CHM120H5.
- 

## Course #11 ENV431H5 International Sustainability Canada-Mexico

- Before:** ***In addition to tuition fees, there is a travel cost (up to \$650) associated with this course for which accepted students will be responsible to pay.***
- After:**
- Rationale:** ENV331 has been part of the GGR curriculum since 2008 and was last offered in 2013. At that time we changed the course to a local field course in Southern Ontario. It has been decided to take the course back to Mexico where student thoroughly enjoyed the experience and where students have the opportunity to gain valuable international experience in environmental sustainability and human health issues
- 

## Course #12 ENV431H5 International Sustainability Canada-Mexico

- Before:** ~~*During a 1 week stay in August, students will participate in seminars on environmental sustainability and resource management at Sir Sanford Fleming College (Lindsay, Ontario) and/or Kawartha Conservation Authority offices, and undertake natural and/or social science studies on sustainability in at least one of the Kawartha Lakes (Pigeon, Sturgeon). Preparatory meetings will be held prior to departure, and seminar/poster presentations on research outcomes will be conducted during the Fall Term. ADMISSION: through application due March 1st of the preceding academic year, electronically. Acceptance will be based on a combination of GPA (2.7 or higher), experience, qualifications and interview performance.*~~
-

~~Please visit department website for application details. This course fulfills 7 field days towards the Geography Program Requirements.~~

**After:** This seven day practical field course will provide an opportunity for 4th year undergraduate geography / environment students to gain valuable international experience in environmental sustainability; economics and human health issues. Mexico faces considerable challenges with respect to water resources and environmental sustainability, and environmental expertise in Latin America is in high demand. In addition to tuition fees, there is a travel cost associated with this course which students will be responsible to pay.

**Rationale:** ENV331 has been part of the GGR curriculum since 2008 and was last offered in 2013. At that time we changed the course to a local field course in Southern Ontario. It has been decided to take the course back to Mexico where student thoroughly enjoyed the experience and where students have the opportunity to gain valuable international experience in environmental sustainability and human health issues

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### Course #13 ENV495H5 Restoration Ecology I

**Before:** Restoration ecology is an emerging cross-disciplinary field of study that concerns human activities undertaken to promote the recovery, health, integrity and sustainability of degraded ecosystems. This course introduces the fundamental concepts of ecological restoration, addressing topics such as assessing ecosystem health, resilience, resistance and stability; community structure and biodiversity; invasive species; ecosystem processes and functions; societal aspects of ecological restoration (e.g., the relationship between social, economic and environmental sustainability). Many types of ecosystems (marine, freshwater, terrestrial, tropical and temperate) will be studied, largely through case-study investigations.

Occasional field exercises on campus will be scheduled during regular class meeting times. [24L, **12T**]

**After:** Restoration ecology is an emerging cross-disciplinary field of study that concerns human activities undertaken to promote the recovery, health, integrity and sustainability of degraded ecosystems. This course introduces the fundamental concepts of ecological restoration, addressing topics such as assessing ecosystem health, resilience, resistance and stability; community structure and biodiversity; invasive species; ecosystem processes and functions; societal aspects of ecological restoration (e.g., the relationship between social, economic and environmental sustainability). Many types of ecosystems (marine, freshwater, terrestrial, tropical and temperate) will be studied, largely through case-study investigations.

Occasional field exercises on campus will be scheduled during regular class meeting times. [24L, **12P**]

**Rationale:**

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### Course #14 ENV496H5 Restoration Ecology II

**Before:** The follow-up course to Restoration Ecology I, 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. [24L, **12T**]

**After:** The follow-up course to Restoration Ecology I, 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. [24L, **12P**]

**Rationale:**

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### Course #15 FSC271H5 Ethics and Professionalism in Forensic Science

**Before:** This course covers three main areas of importance to the forensic scientist and the expert witness: Ethics in forensic science; the scientific theories of proof and evidence including the critical thinking and logic; analysis of how the major philosophical schools of thought impact on forensic science. [24L, **12T**]

**After:** This course covers three main areas of importance to the forensic scientist and the expert witness: Ethics in forensic science; the scientific theories of proof and evidence including the critical thinking and logic; analysis of how the major philosophical schools of thought impact on forensic science. [24L, **12S**]

**Rationale:** Change reflects how course is actually taught - as a lecture with breakout discussion groups in seminar format.

---

### Course #16 GGR112H5 Physical Geography

**Before:** This physical geography course ~~introduces earth systems processes occurring in and between~~ the atmosphere, lithosphere, ~~hydrosphere~~ and ~~the biosphere. It addresses human interaction and interference with the~~ natural

~~environment and compares natural and anthropogenic environmental changes. Key tools used to understand earth systems and the natural environment including hands-on empirical approaches, systems models, remote sensing, and geographical information systems are addressed in both the lectures and the practical sessions.~~ This course fulfills 1 field day. [24L, 12P]

**After:** This physical geography course provides a broad introduction to the Earth System, involving the atmosphere, lithosphere, hydrosphere, and biosphere and their interactions, at local to planetary spatial scales. It examines natural and anthropogenic origins of environmental change. Key methods and techniques used by physical geographers to study the Earth System are covered in lectures, readings, practical sessions and field work. Fieldwork is integral to all sub-disciplines of geography, and a major component of this course. There is no substitute for direct, hands-on exploration of the natural world. This course fulfills 1 field day. [24L, 12P]

**Rationale:** the new description has been updated to reflect course content

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## Course #17 GGR227H5 Ecosystems and Environmental Change

**Before:** This course introduces the rapidly advancing fields of ecosystem science through the exploration of how ecosystems respond to climate change, pollution, and intensive natural resource management. The impacts from anthropogenic stressors on ecosystem functioning are often complex, with interactions occurring among plants, microorganisms, and physical and chemical environments. **Empirical and modelling approaches are explored as they allow us to understand and predict ecosystem functioning and the linkages and feedbacks with changing environments.** Lecture topics and case studies focus primarily on important representative Canadian ecosystems that also play vital roles in the resource sector including forests, agricultural land, wetlands and aquatic ecosystems. [24L, 12P]

**After:** This course introduces the rapidly advancing fields of ecosystem science through the exploration of how ecosystems respond to climate change, pollution, and intensive natural resource management. The impacts from anthropogenic stressors on ecosystem functioning are often complex, with interactions occurring among plants, microorganisms, and physical and chemical environments. Lecture topics and case studies focus primarily on important representative Canadian ecosystems that also play vital roles in the resource sector including forests, agricultural land, wetlands and aquatic ecosystems. [24L, 12P]

**Rationale:** The instructor touches briefly on this point but it is not a major part of the course as it would appear from description and the textbook used for this course does not talk about the empirical and modelling approaches.

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## Course #18 GGR311H5 Landscape Biogeography

**Before:** A geographical, multi-scale perspective on the ~~relationships between land cover change and the distribution, movement, dispersal, abundance, and diversity of avian and mammalian species. Landscape measures such as dominance, contagion, shape, patch/edge measures, connectivity will be considered in relation to land use/land cover change and distribution of selected species. The juxtaposition of cover types will be analyzed and changes in landscapes related to selected species. Various research methods are discussed and work is done using, geographic information systems to analyze landscapes in conjunction with bird and mammal count data.~~ [24L, 12P]

**After:** A geographical, multi-scale perspective on the relationship between the physical landscape and the distribution, movement, dispersal, and abundance of select animal species. Landscape measures including (but not limited to) fragmentation indices, habitat metrics, and estimates of animal movement will be considered. Emphasis is placed on understanding the biology of the species being studied, the physical structure of the landscape, and the intricacies of various modeling software. Students should expect to develop a well-rounded set of skills in analyzing animal movement, and producing relevant and usable results towards the management of varied landscapes and the conservation of species. [24L, 12P]

**Rationale:** Course description has been revised slightly to encompass major topics in landscape biogeography without mentioning specific software, models, or species. This is so that the current/future instructor(s) can tailor the content to their own methods while still adhering to the overall course description.

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## Course #19 GGR406H5 Biogeochemistry

**Before:** Biogeochemistry explores the intersection of biological, chemical, and geological processes that shape the environment. In an era of unprecedented human-induced environmental and climate change, research in this field is advancing rapidly. This seminar course explores the processes underlying biogeochemical cycles of major elements such as carbon and nutrients, and examines how humans alter these cycles. Topics covered include biogeochemical processes in atmospheric, aquatic and terrestrial compartments, emerging techniques (eg., stable-isotopes) used in biogeochemistry, and how disruptions to these processes are at the root of many environmental issues such as eutrophication, climate change, ocean acidification and toxic metal **contamination..** [36S]

**After:**

Biogeochemistry explores the intersection of biological, chemical, and geological processes that shape the environment. In an era of unprecedented human-induced environmental and climate change, research in this field is advancing rapidly. This seminar course explores the processes underlying biogeochemical cycles of major elements such as carbon and nutrients, and examines how humans alter these cycles. Topics covered include biogeochemical processes in atmospheric, aquatic and terrestrial compartments, emerging techniques (eg., stable-isotopes) used in biogeochemistry, and how disruptions to these processes are at the root of many environmental issues such as eutrophication, climate change, ocean acidification and toxic metal **contamination**. [36S]

**Rationale:** extra period was removed

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### Course #20 HSC404H5 Advanced Visual Media for Anthropological Data

**Before:** 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. **[24S, 12P]**

**After:** 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]**

**Rationale:** Change in SEM and PRA hours will now accurately show how the course is being taught.

---

### Course #21 HSC406H5 Advanced Written Communication for Health Care

**Before:** This course builds on skills developed in HSC300H. Topics include: communication of epidemiological data and of best evidence in medical and health science research. Students learn to think critically about health and science research, interpret complex or contentious evidence from the medical literature, and produce in-depth health information documents in a range of formats. **[12L, 24S]**

**After:** This course builds on skills developed in HSC300H. Topics include: communication of epidemiological data and of best evidence in medical and health science research. Students learn to think critically about health and science research, interpret complex or contentious evidence from the medical literature, and produce in-depth health information documents in a range of formats. **[24L, 12P]**

**Rationale:** Change in LEC and SEM hours will now accurately show how the course is being taught.

---

### Course #22 JCP221H5 Thermodynamics and Kinetics

**Before:** **[Replaces CHM221H5]** An introduction to equilibrium thermodynamics with application to ideal and non-ideal systems: covering the concepts of work and heat, the laws of thermodynamics, internal energy, enthalpy and entropy, the chemical potential, states of matter, phase rules and phase diagrams, and chemical equilibria. Kinetics topics include rate laws, both differential and integrated, rate constants, activated complex theory, and temperature effects. **[36L, 15P, 14T]**

**After:** An introduction to equilibrium thermodynamics with application to ideal and non-ideal systems: covering the concepts of work and heat, the laws of thermodynamics, internal energy, enthalpy and entropy, the chemical potential, states of matter, phase rules and phase diagrams, and chemical equilibria. Kinetics topics include rate laws, both differential and integrated, rate constants, activated complex theory, and temperature effects. **[36L, 15P, 14T]**

**Rationale:** The change to prerequisites is to delete a CHM140Y5 and PHY135Y5 courses that were cancelled five years ago. To include the newly proposed first year PHY courses as an option to the existing PHY courses and to accommodate changes in MAT courses. Removing statement "[Replaces CHM221H5]". CHM221H5 was deleted 5 years ago. Removing text regarding CHM115H5. Reverting prerequisite back to original 60% for CHM120H5.

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### Course #23 JEG400Y5 Geography / Environment Science Internship

**Before:** Through a part-time, unpaid work placement, students apply the natural science based environmental science/physical geography expertise gained through previous course work. Placements are made at local conservation authorities, municipalities, environmental consulting companies, corporations, provincial or federal agencies, and other organizations. Students must submit an application ~~to the undergraduate advisor~~ by ~~March~~ 1 to apply for the course. Specialists in the Environmental Science or Physical Geography Program will be given priority for admission. The student's application must include a current transcript, a current curriculum vita, and a letter of application explaining why their qualifications and interest make them suitable candidates for an internship opportunity. Applicants who meet minimum criteria will be selected for an interview. Acceptance will be based on a combination of CGPA, experience, qualifications and interview



performance.

**After:** Through a part-time, unpaid work placement, students apply the natural science based environmental science/physical geography expertise gained through previous course work. Placements are made at local conservation authorities, municipalities, environmental consulting companies, corporations, provincial or federal agencies, and other organizations. Students must submit an application online by April 1 to apply for the course. Instructions for the application can be found on the Geography Department home page. Specialists in the Environmental Science or Physical Geography Program will be given priority for admission. The student's application must include a current transcript, a current curriculum vita, and a letter of application explaining why their qualifications and interest make them suitable candidates for an internship opportunity. Applicants who meet minimum criteria will be selected for an interview. Acceptance will be based on a combination of CGPA, experience, qualifications and interview performance. More information about the application process can be found here: <https://utm.utoronto.ca/geography/field-internship-and-thesis-courses>

**Rationale:** updated application process and date...

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### Course #24 MAT233H5 Calculus of Several Variables

**Before:** **Limited enrolment; preference given to students enrolled in MAT or STA programs.**

**After:**

**Rationale:** Students cannot be admitted to MAT Major without MAT233H5 (assuming they took MAT133Y5).

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### Course #25 MAT311H5 Partial Differential Equations

**Before:** Priority is given to students enrolled in the Mathematics Specialist or Major programs.

**After:** Priority is given to students enrolled in the Mathematics **or Statistics** Specialist or Major programs.

**Rationale:** This is what is used in the timetable. Students in the Statistics Specialist and Major programs must choose to take some of these courses.

---

### Course #26 MAT332H5 Introduction to Nonlinear Dynamics and Chaos

**Before:** Priority is given to students enrolled in the Mathematics Specialist or Major programs.

**After:** Priority is given to students enrolled in the Mathematics **or Statistics** Specialist or Major programs.

**Rationale:** This is what is used in the timetable. Students in the Statistics Specialist and Major programs must choose to take some of these courses.

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### Course #27 MAT334H5 Complex Variables

**Before:** Priority is given to students enrolled in the Mathematics Specialist or Major programs.

**After:** Priority is given to students enrolled in the Mathematics **or Statistics** Specialist or Major programs.

**Rationale:** This is what is used in the timetable. Students in the Statistics Specialist and Major programs must choose to take some of these courses.

---

### Course #28 MAT344H5 Introduction to Combinatorics

**Before:** Priority is given to students enrolled in the Mathematics Specialist or Major programs.

**After:** Priority is given to students enrolled in the Mathematics **or Statistics** Specialist or Major programs.

**Rationale:** This is what is used in the timetable. Students in the Statistics Specialist and Major programs must choose to take some of these courses.

---

### Course #29 MAT378H5 Introduction to Real Analysis

**Before:** ~~Metric spaces; compactness and connectedness.~~ Sequences and series of ~~functions, power series; modes of convergence. Interchange of limiting processes; differentiation of integrals.~~ Function spaces; ~~Weierstrass approximation; Fourier series. Contraction mappings; existence and uniqueness of solutions of ordinary differential equations. Countability;~~ Cantor set; ~~Hausdorff dimension.~~ [36L, 24T]

**After:**

The real number system: Upper and lower bounds: Limits of sequences and functions: Topology in  $R^n$ : Series: Differentiation and integration: Sequences and series of functions: Metric spaces; The Cantor set; Sets of measure zero and integrability. [36L, 24T]

**Rationale:** This is what is used in the timetable. Students in the Statistics Specialist and Major programs must choose to take some of these courses.  
This reflects more closely what is being taught in the course.

---

### Course #30 MAT378H5 Introduction to Real Analysis

**Before:** Priority is given to students enrolled in the Mathematics Specialist or Major programs.

**After:** Priority is given to students enrolled in the Mathematics **or Statistics** Specialist or Major programs.

**Rationale:** This is what is used in the timetable. Students in the Statistics Specialist and Major programs must choose to take some of these courses.  
This reflects more closely what is being taught in the course.

---

### Course #31 PHY136H5 Introductory Physics I

**Before:** ~~An~~ introductory course ~~focusing~~ on conceptual understanding and problem solving skills of ~~subjects such as: Vector Kinematics; Forces and Newton's Laws of Motion; Dynamics of Uniform Circular Motion; Work and Energy; Impulse and Momentum; Rotational Kinematics; Rotational Dynamics; Simple Harmonic Motion and Elasticity; Waves and Sound; Interference Phenomena. Video demonstrations for the experiments in this course may be found at this YouTube channel: <https://www.youtube.com/channel/UCuPRkKdMB0JxEltzWK0llaw>~~ [36L, 15P, 12T]

**After:** A first year introductory Physics course for students who do not intend to pursue a Physics or an Astronomy program. This course is focused on providing students with conceptual understanding and problem solving skills through the study of physical phenomenon that include: Forces and Newton's Laws of Motion; Rotational Dynamics; Simple Harmonic Motion and Waves. [36L, 15P, 12T]

**Rationale:** As we are requesting to implement a new calculus-based first-year physics course (PHY146H5), we need to reformulate the description of this course PHY136H5 to explicitly state that is an introductory physics course for students who do not intend to pursue any of the Physics and Astronomy programs. The description of topics has also been simplified.

---

### Course #32 PHY136H5 Introductory Physics I

**Before:** Students ~~without Grade 12 Physics (SPH4U) can be granted P.I. based on their performance in Grade 11 Physics (SPH3U) or in the other mathematical and physical sciences. Students who already passed successfully the university level course PHY100H5 (minimum grade of 70%) are also acceptable in PHY136H5.~~

**After:** Students who have achieved a minimum grade of 70% in PHY100H5 are also accepted into PHY136H5/137H5.

**Rationale:** As we are requesting to implement a new calculus-based first-year physics course (PHY146H5), we need to reformulate the description of this course PHY136H5 to explicitly state that is an introductory physics course for students who do not intend to pursue any of the Physics and Astronomy programs. The description of topics has also been simplified.

---

### Course #33 PHY137H5 Introductory Physics II

**Before:** ~~An~~ introductory course ~~focusing~~ on conceptual understanding and problem solving skills of ~~subjects such as: Electric Forces and Fields; Gauss' Law; Electric Potential Energy and the Electric Potential; Electric Circuits; Kirchoff's Rules; RC circuits; Magnetic Forces and Magnetic Fields; Ampère's Law; Electromagnetic Induction; Faraday's Law; Lenz's Law; The Special Theory of Relativity.~~ [36L, 15P, 12T]

**After:** A second introductory Physics course for students who do not intend to pursue a Physics or an Astronomy program. This course is focused on providing students with conceptual understanding and problem solving skills through the study of physical phenomenon that include: Electric Forces and Fields; Electric Circuits; Magnetic Forces and Field; Optics. [36L, 15P, 12T]

**Rationale:** As we are requesting to implement a new calculus-based first-year physics course (PHY147H5), we need to reformulate the description of this course PHY137H5 to explicitly state that is an introductory physics course for students who do not intend to pursue any of the Physics and Astronomy programs. The description of topics has also been simplified.

---

### Course #34 PHY137H5 Introductory Physics II

**Before:**

**After:**

**Students who have achieved a minimum grade of 70% in PHY100H5 are also accepted into PHY136H5/137H5.**

**Rationale:** As we are requesting to implement a new calculus-based first-year physics course (PHY147H5), we need to reformulate the description of this course PHY137H5 to explicitly state that is an introductory physics course for students who do not intend to pursue any of the Physics and Astronomy programs. The description of topics has also been simplified.

---

### Course #35 PHY324H5 Advanced Physics Laboratory

**Before:** Selected physics experiments and modeling that illustrate important principles of ~~physics. Topics include: fiber optics and laser physics, optical interferometers, atomic spectroscopy, microwave optics, absorption of gamma rays, nuclear coincidence counting, gamma ray spectroscopy, X-ray quantum physics, nuclear magnetic resonance, field emission of electrons.~~ [72P]

**After:** A modular practical course that develops the experimental and computational skills necessary to get deeper insight in physical phenomena. Selected physics experiments and modeling that illustrate important principles of physics are applied: Experimental measurements and skills, data and uncertainty analysis, mathematical models, computational simulations and solutions. [48P]

**Rationale:** The new description of the course reflects the optimum usage of the available time in the lab. Computational skills are introduced and the time needed to perform the experiments is allocated. The course considers experiments from various fields of physics. (N.B. The corresponding course description and content in St. George i.e. PHY324H1 are very similar).

---

### Course #36 PHY347H5 Optics

**Before:** ~~A comprehensive~~ introduction to the ~~physics~~ of light. ~~Topics~~ may vary but will include: electromagnetic waves and propagation of light, basic coherence concepts and the interference of light, Fraunhofer and Fresnel diffraction, matrix methods in paraxial optics, Fresnel equations, polarization and birefringence. Technical applications will ~~include lasers,~~ optical ~~fibers~~ and optical ~~detectors and displays.~~ [24L, ~~16P, 8T~~]

**After:** This course focuses mainly on providing a strong foundation of wave optics, while also presenting advanced geometrical optics aspects and an introduction to modern optics and the quantum nature of light. The topics in this course may vary but will include: electromagnetic waves and the propagation of light, basic coherence concepts and the interference of light, Fraunhofer and Fresnel diffraction, matrix methods in paraxial optics, Fresnel equations, polarization and birefringence. Technical applications will accompany the lectures, allowing students to put into practice the optical principles learned during the lecture by performing laboratory experiments with lasers and other optical devices. [24L, 15P, 12T]

**Rationale:** The new description of the course reflects the revised topics covered in the course. Also the number of hours of labs and tutorials has been changed to enhance the student experience in this course.

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### Course #37 PSY399H5 Biopsychology Laboratory

**Before:** Supervised demonstration experiments designed to familiarize students with methods of collecting, analyzing, and reporting data from ~~ethological and physiological~~ experiments ~~with animal subjects.~~ ~~Students handle selected species of animals.~~ [36P]

**After:** Supervised demonstration experiments designed to familiarize students with methods of collecting, analyzing, and reporting data from experiments concerning the biological bases of psychology. Admission by academic merit. Interested students should submit an application to the Psychology office by mid-April. Application procedures:  
[http://www.utm.utoronto.ca/psychology/undergraduate-studies/course-information/courses-requiring-application.](http://www.utm.utoronto.ca/psychology/undergraduate-studies/course-information/courses-requiring-application) [36P]

**Rationale:** The changes to the course description serve to update the course according to changes in this field of research. The new title reflects the more currently used term for the field (biopsychology), which largely replaced psychobiology some decades ago. Similarly, it is increasingly possible to use genetic and biochemical methods with human participants, and so the new description will not restrict instructs as to the methods taught.

---

### Course #38 PSY400Y5 Thesis

**Before:** Independent research supervised by individual faculty members. Seminars on general topics relevant to the conduct of independent research and the presentation of findings. Admission by academic merit. **(Interested students in their fourth (or final) year)** submit an application to the Psychology office by **the end of April.** [72S, 72P]

**After:** Independent research supervised by individual faculty members. Seminars on general topics relevant to the conduct of independent research and the presentation of findings. Admission by academic merit. **Interested** students should submit an application to the Psychology office by **the end of April.** **Application procedures:**



<http://www.utm.utoronto.ca/psychology/undergraduate-studies/course-information/co>  
[72S, 72P]

**Rationale:** Updated application procedures

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### Course #39 PSY442Y5 Practicum in Exceptionality in Human Learning

**Before:** Seminar and practicum on issues relating to the life-long development of individuals with disabilities. Seminar at UTM; practicum involves social service agencies. Course is required for students enrolled in the Exceptionality in Human Learning Specialist program (Primary, please consult program requirements) and is available to Psychology Specialists, Exceptionality in Human Learning Majors and Psychology Majors. Course fulfills the 400-level seminar requirement for the Psychology Specialist Program. Admission by academic merit. Interest to the Psychology office by **final year** should **obtain and** submit an application to the Psychology office by **the end of April**. [72S, 80P]

**After:** Seminar and practicum on issues relating to the life-long development of individuals with disabilities. Seminar at UTM; practicum involves social service agencies. Course is required for students enrolled in the Exceptionality in Human Learning Specialist program (Primary, please consult program requirements) and is available to Psychology Specialists, Exceptionality in Human Learning Majors and Psychology Majors. Course fulfills the 400-level seminar requirement for the Psychology Specialist Program. Admission by academic merit. Interest to the Psychology office by **mid-April**. **Application procedures:**  
<http://www.utm.utoronto.ca/psychology/undergraduate-studies/course-information/co>  
[72S, 80P]

**Rationale:** Updated application procedures

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### Course #40 utm111H5 utmONE: Tools of the Trade

**Before:** This course is an introduction to the common problem-solving tools used in the sciences and social sciences. It is designed to address the fundamental skills needed for comprehension and effective communication in these areas. The skills being addressed may include critical analysis of texts (primary literature, review papers, textbooks), use of databases to gather, manipulate and visualize data; interpretation and presentation of data; information gathering and writing skills (lab reports, critical essays); and oral presentations. Specific examples will be drawn from a variety of current research topics in both the sciences and social sciences. [24L, 12T]

**After:** This course is an introduction to the common problem-solving tools used in the sciences and social sciences. It is designed to address the fundamental skills needed for comprehension and effective communication in these areas. The skills being addressed may include critical analysis of texts (primary literature, review papers, textbooks), use of databases to gather, manipulate and visualize data; interpretation and presentation of data; information gathering and writing skills (lab reports, critical essays); and oral presentations. Specific examples will be drawn from a variety of current research topics in both the sciences and social sciences. **As part of this course students will participate in a series of tutorials that will introduce them to essential elements of a holistic student experience (such as career exploration, health and wellness, and co-curricular engagement).** [24L, 12T]

**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

---

### Course #41 utm113H5 utmONE: Humans in Nature: Interactions and Impacts

**Before:** This course will explore how humans have utilized the natural world and the impacts it has had on both the global environment and human societies. We will focus on topics such as human and natural history, conservation, sustainability, resource exploitation, domestication, GMOs, and our fascination with nature. The course will include a field component in our campus environment. [24L, 12T]

**After:** This course will explore how humans have utilized the natural world and the impacts it has had on both the global environment and human societies. We will focus on topics such as human and natural history, conservation, sustainability, resource exploitation, domestication, GMOs, and our fascination with nature. The course will include a field component in our campus environment. **As part of this course students will participate in a series of tutorials that will introduce them to essential elements of a holistic student experience (such as career exploration, health and wellness, and co-curricular engagement).** [24L, 12T]

**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

---

### Course #42 utm290H5 Launching your Research

**Before:** This course will provide hands-on, field and laboratory-based learning from a broad spectrum of disciplines. Students will participate and ultimately lead every aspect of designing and undertaking a comprehensive research program. This will include 1) designing a team-based interdisciplinary research project complete with a testable hypothesis subjected to state-of-the-art methodology and instrumentation, 2) gathering of primary, field-based data, 3) rigorous interpretation of the trends highlighted during data processing, and with the intention of 4) broad dissemination of the novel results through peer-review publishing. Each research team will learn and employ the Agile method of project management, which focuses on breaking up daunting research projects into a series of small manageable tasks to ensure successful project

completion. [24L, 24T]

**After:** This course will provide hands-on, field and laboratory-based learning from a broad spectrum of disciplines. Students will participate and ultimately lead every aspect of designing and undertaking a comprehensive research program. This will include 1) designing a team-based interdisciplinary research project complete with a testable hypothesis subjected to state-of-the-art methodology and instrumentation, 2) gathering of primary, field-based data, 3) rigorous interpretation of the trends highlighted during data processing, and with the intention of 4) broad dissemination of the novel results through peer-review publishing. Each research team will learn and employ the Agile method of project management, which focuses on breaking up daunting research projects into a series of small manageable tasks to ensure successful project completion. *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. This is an application based course. Preference will be given to students who have previously completed a utmONE Scholars seminar.* [24L, 24T]

**Rationale:** As this is a UTM Abroad offering, the required sentence capturing the international experience has been added to the course description.  
Prerequisites have been removed in favour for a "preference will be given to" statement in the course description.

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# Changes in Course Name

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## Course #1 ANT432H5 Advanced Seminar in Anthropology

Before: **Special** Seminar in Anthropology

After: **Advanced** Seminar in Anthropology

Rationale: Similar to ANT461H5 which is the social science counterpart, the title was changed to match it for consistency. As well, since we are assigning this course for the science designation, delete the SSc designation and add the word "science" to the description.

---

## Course #2 BIO373H5 Environmental Microbiology

Before: **Microbial Ecology**

After: **Environmental Microbiology**

Rationale: The course title is currently Microbial Ecology and while that is a good fit for the course content, the course contains some material that is outside the scope of traditional ecology. Hence I believe that changing the course title to Environmental Microbiology would better capture the course content and be more informative for students selecting their biology courses. Also, since the text book used for the course is titled Environmental Microbiology, From Genomes to Biogeochemistry, changing the course name to better echo the textbook title also makes sense.

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## Course #3 CHM396H5 Instrumentation Laboratory I

Before: **Instrumental** Laboratory I

After: **Instrumentation** Laboratory I

Rationale:

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## Course #4 CHM397H5 Instrumentation Laboratory II

Before: **Instrumental** Laboratory II

After: **Instrumentation** Laboratory II

Rationale:

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## Course #5 ENV431H5 International Sustainability Canada-Mexico

Before: **Field Course in** Sustainability

After: **International** Sustainability **Canada-Mexico**

Rationale: The new course title is required given the change in course description.

---

## Course #6 GGR276H5 Quantitative Methods I in Geography

Before: **Spatial Data Analysis and Mapping**

After: **Quantitative Methods I in Geography**

Rationale: The new course name helps to demonstrate the sequence between Quantitative I (GGR276H5) and Quantitative Methods II (GGR376H5)

---

## Course #7 GGR376H5 Quantitative Methods II in Geography

Before: **Geostatistics**

After: **Quantitative Methods II in Geography**

Rationale: The new course name more accurately reflects the course content , as well as following the second year offering, "Quantitative Methods I in Geography" (GGR276H5)

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**Course #8 GGR484H5 The Climate of the Arctic**

**Before:** Arctic *Environments*

**After:** *The Climate of the Arctic*

**Rationale:** the new title more accurately reflects course content.

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**Course #9 PSY399H5 Biopsychology Laboratory**

**Before:** *Psychobiology* Laboratory

**After:** *Biopsychology* Laboratory

**Rationale:** The changes to the course description serve to update the course according to changes in this field of research. The new title reflects the more currently used term for the field (biopsychology), which largely replaced psychobiology some decades ago. Similarly, it is increasingly possible to use genetic and biochemical methods with human participants, and so the new description will not restrict instructs as to the methods taught.

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# Courses - Other Changes

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## Course #1 ANT432H5 Advanced Seminar in Anthropology

**Before:** Distribution: **SSc** SCI

**After:** Distribution: SCI

**Rationale:** Similar to ANT461H5 which is the social science counterpart, the title was changed to match it for consistency. As well, since we are assigning this course for the science designation, delete the SSc designation and add the word "science" to the description.

---

## Course #2 ANT434H5 Palaeopathology

**Before:** Prerequisite: **ANT334Y5/(334H5, 340H5), ANT338H5 Corequisite:**

**After:** Prerequisite: **ANT334H5**  
**Corequisite: ANT340H5**

**Rationale:** More accurate of the realistic needs of previous knowledge required for this course.

---

## Course #3 ANT441H5 Advanced Bioarchaeology

**Before:** Prerequisite: **ANT334H5, 340H5 Corequisite:**

**After:** Prerequisite: **ANT334H5**  
**Corequisite: ANT340H5**

**Rationale:** More accurate of the realistic needs of previous knowledge required for this course.

---

## Course #4 AST101H5 Solar System Astronomy

**Before:** Course Exclusion: A 100 or higher level course in Chemistry or Physics with the exception of CHM110H5, CHM101H1, **CHM138H1 & PHY100H5; AST252H5; AST101H1, 121H1, 221H1, 251H1; ASTA01H3**

**After:** Course Exclusion: A 100 or higher level course in Chemistry or Physics with the exception of CHM110H5, CHM101H1, **CHM136H1, PHY100H5, PHY100H1, PHY101H5, PHY201H1, PHY202H1, PHY205H1; AST252H5, AST101H1, 121H1, 221H1, 251H1; ASTA01H3**

**Rationale:** The St. George chemistry course has changed its number, and there are several St. George physics courses that are designed for non-science students, similar to PHY100H5.

---

## Course #5 AST201H5 Stars and Galaxies

**Before:** Course Exclusion: A 100 or higher level course in Chemistry or Physics with the exception of CHM110H5, CHM101H1, **CHM138H1 & PHY100H5; AST252H5; AST121H1, 201H1, 210H1, 251H1; ASTA02H3; ASTB03H3**

**After:** Course Exclusion: A 100 or higher level course in Chemistry or Physics with the exception of CHM110H5, CHM101H1, **CHM136H1, PHY100H5, PHY100H1, PHY101H5, PHY201H1, PHY202H1, PHY205H1; AST252H5, AST101H1, 121H1, 221H1, 251H1; ASTA01H3**

**Rationale:** The St. George chemistry course has changed its number, and there are several St. George physics courses that are designed for non-science students, similar to PHY100H5.

---

## Course #6 AST252H5 Cosmic Evolution

**Before:** Prerequisite: **CHM140Y5/(110H5,120H5)/PHY135Y5/(136H5,137H5)**

**After:** Prerequisite: **(CHM110H5,120H5)/(PHY136H5,137H5)/(146H5,147H5)**

**Rationale:** removed CHM140Y5 and PHY135Y5 as these courses are old courses and have not been offered for the last few years. New Physics course PHY146H5/147H5 has been added as a pre-requisite. Everything else remains the same.

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## Course #7 BIO152H5 Introduction to Evolution and Evolutionary Genetics

**Before:** Prerequisite: Grade 12U Biology Note: Although 12U CHM and MAT are not prerequisites for BIO152H5, students intending to pursue a major or any specialist program in Biology must note that **CHM110H5, CHM120H5** and MAT134Y5/ MAT135Y5/ MAT137Y5 are requirements for these programs.

**After:** Prerequisite: Grade 12U Biology Note: Although 12U CHM and MAT are not prerequisites for BIO152H5, students intending to pursue a major or any specialist program in Biology must note that **CHM110H5, CHM120H5** and MAT134Y5/ MAT135Y5/ MAT137Y5 are requirements for these programs.

**Rationale:** Removal of CHM115H5 as option

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## Course #8 BIO200H5 Introduction to Pharmacology: Pharmacokinetic Principles

**Before:** Recommended Preparation: CHM211H5, **CHM221H5, CHM242H5**

**After:** Recommended Preparation: CHM211H5, **CHM242H5, JCP221H5**

**Rationale:** Removed CHM221H5 in recommended prep, as this course has been replaced by JCP221H5

---

## Course #9 BIO362H5 Bioinformatics

**Before:** Prerequisite: BIO206H5, **BIO207H5, STA215H5/CSC108H5 Recommended** Preparation: **None**

**After:** Prerequisite: BIO206H5, **BIO207H5 Recommended** Preparation: **CSC108H5**

**Rationale:** STA215 is being removed as students can do this course without having a STATS background. CSC108 is now a recommended prep as the instructor would prefer students do have some computer science knowledge.

---

## Course #10 BIO445H5 Evolutionary Ecology

**Before:** Prerequisite: **BIO205H5, BIO207H5**, BIO342H5 **Corequisite: Recommended** Preparation:

**After:** Prerequisite: BIO342H5  
**Corequisite: None Recommended** Preparation: **None**

**Rationale:** Instructor has decided to keep BIO342 as prerequisite

---

## Course #11 BIO458H5 Genomics

**Before:** Prerequisite: BIO206H5, BIO207H5, **STA215H5, BIO362H5/CSC108H5/BIO314H5**

**After:** Prerequisite: BIO206H5, BIO207H5, **BIO362H5/CSC108H5, P.I.**

**Rationale:** The rationale for having instructor permission added to this course is that if a student has a programming background or is willing to put in extra work in advance, I would be willing to accept them. STA215/BIO314H5 are not directly relevant for my course.

---

## Course #12 CHM120H5 Chemical Principles 2

**Before:** Corequisite: Recommended **Co-requisite:** MAT134Y5/135Y5/137Y5 is a prerequisite for all 200 level CHM courses.

**After:** Corequisite: Recommended **Corequisite:** MAT134Y5/135Y5/137Y5 is a prerequisite for all 200 level CHM courses.

**Rationale:**

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## Course #13 CHM211H5 Fundamentals of Analytical Chemistry

**Before:**

Prerequisite: **MAT134Y5/135Y5/137Y5; CHM140Y5(minimum grade of 60%)/(110H5,120H5; minimum grade of 60% in CHM120H5)**

**After:** Prerequisite: **(CHM110H5,120H5) (minimum grade of 60% in 120H5); MAT134Y5/135Y5/137Y5**

**Rationale:** To delete a course that was cancelled five years ago.

Removing text regarding CHM115H5. Reverting prerequisite to original of 60% in CHM120H5.

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#### Course #14 CHM231H5 Inorganic Chemistry I

**Before:** Prerequisite: **MAT134Y5/135Y5/137Y5; CHM140Y5(minimum grade of 60%)/(110H5,120H5; minimum grade of 60% in CHM120H5)**

**After:** Prerequisite: **(CHM110H5,120H5) (minimum grade of 60% in 120H5); MAT134Y5/135Y5/137Y5**

**Rationale:** To delete a course that was cancelled five years ago.

Removing text regarding CHM115H5. Reverting prerequisite back to original 60% for CHM120H5.

---

#### Course #15 CHM242H5 Introductory Organic Chemistry I

**Before:** Prerequisite: **MAT134Y5/135Y5/137Y5; CHM140Y5(minimum grade of 60%)/(110H5,120H5; minimum grade of 60% in CHM120H5)**

**After:** Prerequisite: **(CHM110H5,120H5) (minimum grade of 60% in 120H5); MAT134Y5/135Y5/137Y5**

**Rationale:** To delete a course that was cancelled five years ago. Removing text regarding CHM115H5. Reverting prerequisite back to original 60% for CHM120H5.

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#### Course #16 CHM299Y5 Research Opportunity Program

**Before:** Prerequisite: Completion of at least 4.0 credits and no more than 10.0 credits, which must include CHM110H5, CHM120H5 with a minimum grade of 60%, MAT134Y5/135Y5/137Y5 **and P.I.**

**After:** Prerequisite: Completion of at least 4.0 credits and no more than 10.0 credits, which must include CHM110H5, CHM120H5 with a minimum grade of 60%, MAT134Y5/135Y5/137Y5

**Rationale:** Removing P.I. since students are approved through the ROP office and not the department.

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#### Course #17 CHM311H5 Instrumental Analytical Chemistry

**Before:** Recommended Preparation: **JCP221H5/CHM221H5**

**After:** Recommended Preparation: **JCP221H5**

**Rationale:** CHM221H5 no longer offered

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#### Course #18 CHM361H5 Structural Biochemistry

**Before:** Recommended Preparation: BIO206H5; **JCP221H5/CHM221H5**

**After:** Recommended Preparation: BIO206H5; **JCP221H5**

**Rationale:** Course no longer offered

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#### Course #19 CHM362H5 Metabolism and Bioenergetics

**Before:** Recommended Preparation: BIO206H5; **JCP221H5/CHM221H5**

**After:** Recommended Preparation: BIO206H5; **JCP221H5**

**Rationale:** Course no longer offered

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### Course #20 CHM399Y5 Research Opportunity Program

**Before:** Prerequisite: completion of at least 8.0 credits which must include CHM110H5, CHM120H5 with a minimum grade of 60%, MAT134Y5/135Y5/137Y5, 2.0 200 level CHM/JCP **courses and P.I.**

**After:** Prerequisite: completion of at least 8.0 credits which must include CHM110H5, CHM120H5 with a minimum grade of 60%, MAT134Y5/135Y5/137Y5, 2.0 200 level CHM/JCP **courses.**

**Rationale:** Removing P.I. since students are approved through the ROP office and not the department.

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### Course #21 CHM442H5 Developments in Organic Chemistry

**Before:** Prerequisite: **CHM341H5, 345H5**

**After:** Prerequisite: **CHM341H5/345H5**

**Rationale:** Prerequisite changed from CHM341H5, 345H5 to CHM341H5/345H5 (since 341 and 345 are offered in alternate years, it is not possible for a student in their 4th year to have taken both as prerequisites)

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### Course #22 CHM489Y5 Introduction to Research in Chemistry

**Before:** Prerequisite: 2.0 300 level credits in CHM/JCP and 1.0 credit from BIO206H5, 314H5; CHM372H5, 373H5, 394H5, 395H5, 396H5, **and** 397H5; PHY324H5, with 0.5 credits from the 300-level CHM laboratory courses listed.

**After:** Prerequisite: 2.0 300 level credits in CHM/JCP and 1.0 credit from BIO206H5, 314H5; CHM372H5, 373H5, 394H5, 395H5, 396H5, 397H5; PHY324H5, with 0.5 credits from the 300-level CHM laboratory courses listed.

**Rationale:** remove the word "and" it is redundant since the "," after 396H5 means "and".

---

### Course #23 CSC322H5 Introduction to Algebraic Cryptography

**Before:** Course Exclusion: **MAT302H5**

**After:** Course Exclusion: **MAT302H5, MATC16H3**

**Rationale:** This exclusion is listed for MAT302H5, and CSC322H5 and MAT302H5 are the same course.

---

### Course #24 ENV332H5 Practicum in Environmental Project Management

**Before:** Prerequisite: 8 credits & enrolment in any of the Environment Specialist or Major **Programs with a CGPA of 2.00 or higher;** completion of any Research Methods course (e.g., GGR277H5).

**After:** Prerequisite: 8 credits & enrolment in any of the Environment Specialist or Major **Programs;** completion of any Research Methods course (e.g., GGR277H5).

**Rationale:** we removed the 2.0 CGPA requirement to help students with lower CGPA's complete the required 0.5 field, research perspective of the program. All other possible course choices require min 2.0 CGPA.

---

### Course #25 ENV431H5 International Sustainability Canada-Mexico

**Before:** Prerequisite: ~~10.0~~ credits; enrolled in any of the ENV ~~Programs + PI~~

**After:** Prerequisite: 14.5 credits; enrolled in any of the ENV Programs, or affiliated programs such as GGR, ECO, BIO, CHEM, with preference given to program specialists and majors; Application and interview required. Speaking Spanish would be an asset.

**Rationale:** ENV331 has been part of the GGR curriculum since 2008 and was last offered in 2013. At that time we changed the course to a local field course in Southern Ontario. It has been decided to take the course back to Mexico where student thoroughly enjoyed the experience and where students have the opportunity to gain valuable international experience in environmental sustainability and human health issues

---

### Course #26 GGR311H5 Landscape Biogeography



**Before:** Prerequisite: **GGR305H5/BIO205H5/P.I.**  
**After:** Prerequisite: **GGR305H5**  
**Rationale:** Course description has been revised slightly to encompass major topics in landscape biogeography without mentioning specific software, models, or species. This is so that the current/future instructor(s) can tailor the content to their own methods while still adhering to the overall course description.

---

### Course #27 HSC404H5 Advanced Visual Media for Anthropological Data

**Before:** Prerequisite: (ANT200H5, ANT201H5) / (ANT202H5, ANT203H5) / **ANT203Y5Y** / BIO152H5  
**After:** Prerequisite: (ANT200H5, ANT201H5) / (ANT202H5, ANT203H5) / BIO152H5  
**Rationale:** Change in SEM and PRA hours will now accurately show how the course is being taught. ANT203Y5Y no longer exists so have taken this course out as a prerequisite

---

### Course #28 HSC405H5 Digital Forensic Facial Reconstruction

**Before:** Prerequisite: 10.0 completed credits including **ANT203Y5** / **ANT205H5** / BIO210Y5  
**After:** Prerequisite: 10.0 completed credits including **ANT202H5** / **ANT205H5** / BIO210Y5  
**Rationale:** Removed ANT203Y5Y as a prerequisite as the course no longer exists. As per the instructor have added ANT202H5 - Biological Anthropology: Human Variation and Adaptation

---

### Course #29 JCP221H5 Thermodynamics and Kinetics

**Before:** Prerequisite: **MAT134Y5/135Y5/137Y5; CHM140Y5**(minimum grade of **60%**)/(110H5,120H5; minimum grade of 60% in **CHM120H5)/PHY135Y5/(136H5,137H5) (minimum 60%) Course** Exclusion: CHM220H1, 221H1, 225Y1; **CHM221H5**; CHMB20H3 **Recommended** Preparation: **MAT212H5/223H5/232H5/242H5**. These courses are also prerequisites for JCP321H5  
**After:** Prerequisite: **[(CHM110H5,120H5) (minimum grade of 60% in 120H5)]/[(PHY136H5,137H5)/(146H5,147H5)(minimum 60%)]; MAT134Y5/135Y5/137Y5 Course** Exclusion: CHM220H1, 221H1, 225Y1; CHMB20H3 **Recommended** Preparation: **MAT212H5/223H5/232H5/233H5/236H5/240H5/242H5/244H5**. These courses are also prerequisites for JCP321H5  
**Rationale:** The change to prerequisites is to delete a CHM140Y5 and PHY135Y5 courses that were cancelled five years ago. To include the newly proposed first year PHY courses as an option to the existing PHY courses and to accommodate changes in MAT courses. Removing statement "[Replaces CHM221H5]". CHM221H5 was deleted 5 years ago. Removing text regarding CHM115H5. Reverting prerequisite back to original 60% for CHM120H5.

---

### Course #30 JCP321H5 Introduction to Quantum Mechanics

**Before:** Prerequisite: **PHY135Y5/(136H5,137H5)** (minimum 60%); **JCP221H5/CHM221H5/PHY245H5; MAT212H5/223H5/232H5**  
**After:** Prerequisite: **(PHY136H5,137H5)/(146H5,147H5)** (minimum 60%); **JCP221H5/PHY245H5; MAT212H5/223H5/232H5/242H5/244H5**  
**Rationale:** 1. Delete reference to a website that no longer exists. 2. Insert newly proposed first year physics courses as an option in the prerequisites. 3. Accommodate changes in MAT courses. 4. Entering "No. of hours of Instruction" to be 36L

---

### Course #31 JCP410H5 Modelling of Biochemical Systems

**Before:** Prerequisite: **JCP221H5/CHM221H5/any PHY200 course;**

**MAT212H5/223H5/232H5/233H5/242H5 Recommended** Preparation:  
**MAT212H5/242H5**

**After:** Prerequisite: **JCP221H5/PHY241H5,245H5; MAT212H5/223H5/232H5/242H5/244H5 Recommended** Preparation: **JCP321H5**

**Rationale:** Accommodate changes in MAT courses. Course no longer offered

---

**Course #32 JCP422H5 NMR Spectroscopy**

**Before:** Prerequisite: **JCP221H5/CHM221H5/PHY241H5,245H5; MAT212H5/221H5/258Y5**

**After:** Prerequisite: **JCP221H5/PHY241H5,245H5; MAT212H5/223H5/232H5/242H5/244H5**

**Rationale:** Accommodate changes in MAT courses. Course no longer offered.

---

**Course #33 MAT202H5 Introduction to Discrete Mathematics**

**Before:** Prerequisite: MAT102H5, **134H5/135Y5/137Y5/233H5 Course** Exclusion:  
**MAT332H1,MATC32H3**

**After:** Prerequisite: MAT102H5, **134Y5/135Y5/137Y5/233H5 Course** Exclusion:

**Rationale:** Typo. MAT134H5 does not exist.  
MAT332H1 and MATC32H3 are not the same courses as MAT202 and cover different material.

---

**Course #34 MAT392H5 Ideas of Mathematics**

**Before:** Prerequisite: Completion of the **first- and** second-year requirements for the Major and Specialists Programs in Mathematical Sciences.

**After:** Prerequisite: Completion of the second-year requirements for the Major and Specialists Programs in Mathematical Sciences.

**Rationale:** MAT232/3 are already listed as prerequisites, and MAT133/4/5/7 are needed to take MAT232/3. The current wording causes issues with prerequisite checking on Degree Explorer.

---

**Course #35 PHY136H5 Introductory Physics I**

**Before:** Prerequisite: ~~1. Grade 12 **Physics (SPH4U)/P.I.; Grade 12** Advanced Functions **(MHF4U)/Grade 12** Calculus and Vectors (MCV4U) **or,**~~  
~~2. **PHY100H5 (minimum grade of 70%) Course** Exclusion: **PHY131H1; PHYA10H4, 11H3 Recommended** Preparation: **Grade 12 Calculus & Vectors (MCV4U) highly recommended**~~

**After:** Prerequisite: Grade 12 Advanced Functions **(MHF4U) / Grade 12** Calculus & Vectors (MCV4U) **Course** Exclusion: **PHY146H5; PHY131H1, PHY151H1; PHYA10H3, PHYA11H3 Recommended** Preparation: **Grades 12 Physics (SPH4U) is recommended.**

**Rationale:** As we are requesting to implement a new calculus-based first-year physics course (PHY146H5), we need to reformulate the description of this course PHY136H5 to explicitly state that is an introductory physics course for students who do not intend to pursue any of the Physics and Astronomy programs. The description of topics has also been simplified.

---

**Course #36 PHY137H5 Introductory Physics II**

**Before:** Prerequisite: PHY136H5 or **P.I. Course** Exclusion: **PHY132H1; PHYA21H3, 22H3 Recommended** Preparation:

**After:** Prerequisite: PHY136H5 or **PI Course** Exclusion: **PHY147H5; PHY132H1, PHY152H1; PHYA21H3, PHYA22H3 Recommended** Preparation: **Grade 12 Physics (SPH4U) is recommended.**

**Rationale:** As we are requesting to implement a new calculus-based first-year physics course (PHY147H5), we need to reformulate the description of this course PHY137H5 to explicitly state that is an introductory physics course for students who do not

intend to pursue any of the Physics and Astronomy programs. The description of topics has also been simplified.

---

### Course #37 PHY241H5 Electromagnetism

**Before:** Prerequisite: **PHY135Y5/(136H5, 137H5)**; MAT134Y5/135Y5/137Y5

**After:** Prerequisite: **(PHY136H5, 137H5)/(146H5, 147H5)**; MAT134Y5/135Y5/137Y5

**Rationale:** 1. PHY135Y5 course no longer offered. 2. Starting in calendar year 2017-2018 PHY146H5 and PHY147H5 (two new courses being introduced) will be the required first year courses for the Physics stream of programs. For students who have taken PHY136H5 and 137H5 and have not all completed their Physics programs yet, then these are considered the required 1st year courses for the Physics stream of programs.

---

### Course #38 PHY242H5 Thermal Physics and Fluid Mechanics

**Before:** Prerequisite: **PHY135Y5/(136H5, 137H5)**; MAT134Y5/135Y5/137Y5

**After:** Prerequisite: **(PHY136H5, 137H5)/(146H5, 147H5)**; MAT134Y5/135Y5/137Y5

**Rationale:** 1. Course no longer offered. 2. Starting in calendar year 2017-2018 PHY146H5 and PHY147H5 (two new courses being introduced) will be the required first year courses for the Physics stream of programs. For students who have taken PHY136H5 and 137H5 and have not all completed their Physics programs yet, then these are considered the required 1st year courses for the Physics stream of programs.

---

### Course #39 PHY245H5 Vibrations and Waves

**Before:** Prerequisite: **PHY135Y5/(136H5, 137H5)**, MAT134Y5/135Y5/137Y5

**After:** Prerequisite: **(PHY136H5, 137H5)/(146H5, 147H5)**, MAT134Y5/135Y5/137Y5

**Rationale:** 1. Course no longer offered. 2. Starting in calendar year 2017-2018 PHY146H5 and PHY147H5 (two new courses being introduced) will be the required first year courses for the Physics stream of programs. For students who have taken PHY136H5 and 137H5 and have not all completed their Physics programs yet, then these are considered the required 1st year courses for the Physics stream of programs.

---

### Course #40 PHY255H5 Introduction to Biomedical Physics

**Before:** Prerequisite: **PHY135Y5/(136H5, 137H5)** or PI

**After:** Prerequisite: **(PHY136H5, 137H5)/(146H5, 147H5)** or PI

**Rationale:** 1. Course no longer offered. 2. Starting in calendar year 2017-2018 PHY146H5 and PHY147H5 (two new courses being introduced) will be the required first year courses for the Physics stream of programs. For students who have taken PHY136H5 and 137H5 and have not all completed their Physics programs yet, then these are considered the required 1st year courses for the Physics stream of programs.

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### Course #41 PHY324H5 Advanced Physics Laboratory

**Before:** Prerequisite: **PHY241H5/242H5/245H5/JCP221H5**

**After:** Prerequisite: **PHY241H5/ 242H5/ 245H5/JCP221H5**

**Rationale:** The new description of the course reflects the optimum usage of the available time in the lab. Computational skills are introduced and the time needed to perform the experiments is allocated. The course considers experiments from various fields of physics. (N.B. The corresponding course description and content in St. George i.e. PHY324H1 are very similar).

---

### Course #42 PHY347H5 Optics

**Before:** Course Exclusion: **PHY247H5**; PHY385H1

**After:** Course Exclusion: PHY385H1

**Rationale:** The new description of the course reflects the revised topics covered in the course. Also the number of hours of labs and tutorials has been changed to enhance the student experience in this course.

---

### Course #43 PHY399Y5 Research Opportunity Program

**Before:** Prerequisite: **P.I.**  
**After:** Prerequisite:  
**Rationale:** Remove prerequisite of P.I. since the student must have the approval through the ROP Office. Department

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#### Course #44 PHY489Y5 Introduction to Research in Physics

**Before:** Prerequisite: 2.0 300 level credits in PHY/JCP; **PHY324H5/CHM371H5/CHM391H5**  
**After:** Prerequisite: 2.0 300 level credits in PHY/JCP; **PHY324H5/CHM372H5/396H5**  
**Rationale:** CHM371H5 was replaced several years ago with CHM372H5 and 373H5. Only CHM372H5 is required for this course. CHM391H5 was replaced several years ago with CHM396H5 and 397H5. Only CHM396H5 is required for this course.

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#### Course #45 SOC350H5 Quantitative Analysis

**Before:** Prerequisite: **SOC221H5, 222H5, 231H5**  
**After:** Prerequisite: **SOC205H5/231H5, 221H5, 222H5**  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

---

#### Course #46 STA310H5 Bayesian Statistics in Forensic Science

**Before:** Prerequisite:  
**STA215H5/220H5/257H1/256H5/BIO360H5/ECO220Y5/ECO227Y5/PSY201H5**  
**After:** Prerequisite: **STA215H5/220H5/257H1/256H5/ECO220Y5/ECO227Y5/PSY201H5**  
**Rationale:** Housekeeping. BIO360 is now a second course in Statistics, with STA215 as a prerequisite. STA215 is one of the prerequisite options for STA310.

---

#### Course #47 STA413H5 Estimation and Testing

**Before:** Course Exclusion: **STA412H5, 422H1, 452H1**  
**After:** Course Exclusion: **STA452H1**  
**Rationale:** Housekeeping. STA413H5 and STA422H1 have little in common. STA412H5 has not been offered for many years.

---

#### Course #48 STA441H5 Methods of Applied Statistics

**Before:** Prerequisite: **STA215H5/220H5/258H5/BIO360H5/ECO220Y5/227Y5/PSY201H5/SOC350H5** or permission of the instructor  
**After:** Prerequisite: **STA302H5** or permission of the instructor  
**Rationale:** Upgrade the course. The basic ideas of linear regression will not have to be re-taught, and more material can be covered.

---

#### Course #49 utm111H5 utmONE: Tools of the Trade

**Before:** Course Exclusion: utm112H5, utm113H5, utm114H5, utm115H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5  
**After:** Course Exclusion: utm112H5, utm113H5, utm114H5, utm115H5, **utm116H5, utm117H5, utm118H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5  
**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

---

#### Course #50 utm113H5 utmONE: Humans in Nature: Interactions and Impacts

**Before:** Course Exclusion: utm111H5, utm112H5, utm114H5, utm115H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5  
**After:**

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

**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

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### **Course #51 utm290H5 Launching your Research**

**Before:** Prerequisite: **utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5**

**After:** Prerequisite:

**Rationale:** As this is a UTM Abroad offering, the required sentence capturing the international experience has been added to the course description.  
Prerequisites have been removed in favour for a "preference will be given to" statement in the course description.

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# University of Toronto Mississauga Divisional Curriculum Committee Report Template

<b>Divisional Curriculum Committee:</b>	Social Sciences
<b>Members:</b>	Prof. Gueorgui Kambourov, Chair and Department of Economics Prof. Heather Miller, Department of Anthropology Prof. Barbara Murck, Department of Geography Prof. Kathi Wilson, Department of Geography Prof. Anthony Wensley, Institute of Communication, Culture, Information, and Technology Prof. Louis Florence, Department of Management Prof. Edward Schatz, Department of Political Science Prof. John Kervin, Department of Sociology
<b>Dates of Divisional Curriculum Committee Meetings:</b>	Tuesday, September 20, 2016 Tuesday, September 27, 2016 Tuesday, October 11, 2016
<b>Return to: Program and Curriculum Officer</b>	<b>Anuar Rodrigues</b> Research Analyst Office of the Dean, UTM anuar.rodrigues@utoronto.ca

# 1. Overview

The Social Science Curriculum committee is proposing minor changes that affect 27 programs: two minor programs, seven major programs, and eighteen specialist programs.

The most significant change is in the ERMAJ2431, the ERSPE1882, and the ERSPE2431 programs in Management, where starting from 2019, students applying to these programs will be required to have completed the math course MAT133, and as a result the required first year credits increase from 2.0 to 3.0 in 2018/2019. Related to this change, there is note advising prospective students that Advanced Functions (MHF4U) with a minimum grade of 70% is a prerequisite for MAT133.

The Interactive Digital Media Specialist program (ERSPE2172) is administratively suspended as of 2017-2018. Students currently enrolled in the program will be allowed to continue.

The CCT401H course is no longer mandatory for the Digital Enterprise Management program (ERSPE1307) and as a result the program has increased the optional electives from 0.5 credits to 1.0 credit.

Four Commerce programs – ERSPE1704, ERSPE2034, ERSPE2273, and ERSPE2380 – list the two new Economics courses ECO406H and ECO411H as satisfying the writing requirements for the programs since these courses are replacing ECO412Y that was satisfying the writing requirements for the four programs.

In four of its programs, Sociology explicitly now states that upon entering the programs, students need to be enrolled in two specified Sociology courses in order to ensure that students will meet the program requirements. Further, for two of those programs, it is now explicitly stated that it is recommended that students enrol in SOC209H.

Economics adds a 63% requirement for MAT133 in its Economics and Political Science Specialist program (ERSPE0751) in order to clarify the requirements for the program: a 63% in MAT133 is a prerequisite for enrolling in a required course for the program. The same change, and for the same reason, is added to the International Affairs program (ERSPE1384). Further, the International Affairs program requirements were changed in order to allow language courses in Chinese and Spanish also to satisfy the requirements for the program.

Minor changes in several programs were made in order to reflect the most recent and updated list of courses that are either required or can be chosen as electives for those programs. These minor program changes are proposed to clarify program requirements for students and to reflect new course offerings.

Three full new courses and 37 new half courses are proposed across eight units. These new courses will increase course options for students. They reflect the expertise and interests of new faculty hires as well as new areas proposed by existing faculty. At the same time, 5 half courses are proposed for deletion across the Social Sciences, mostly because those courses

have not been offered for a long time.

## 2. Rationale

Some of changes are designed to ensure that students have the requisite knowledge to successfully complete programs. To that end, precise program requirements and course prerequisites are being proposed by a number of programs in Economics and Sociology aimed at making sure that students planning on entering the programs are taking the courses necessary for meeting the program requirements.

New courses are being introduced that will provide students with innovative and advanced knowledge across the social sciences. They will also offer students a greater range of options. The ongoing recruitment of new faculty has enabled the Social Sciences to diversify course offerings. This year 3 full new courses and 37 new half courses are proposed across eight units.

Several of the new courses fall under the “UTM Abroad Courses” initiative while other proposed new courses will provide valuable experiential experience to students.

Minor changes were needed in order to make course titles and/or course descriptions better reflect the content of the courses. Other changes were needed in order to correctly reflect the number of lectures, tutorials, and practicals in the courses. Finally, some of the changes were needed in order to introduce explicitly in the “UTM Abroad Courses” description a statement regarding the additional costs that might be involved for those students that choose to take the course.



### 3. Summary of Change Categories

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Anthropology				4		5
Communication, Culture, Information, and Technology		1		8	2	58
Economics				2	6	10
Environment				1		3
Forensic Science						1
Geography			2	2	1	10
Linguistics			1			2
Management			1	8		17
Mathematics					1	
Political Science					10	4
Professional Writing and Communication		2				16
Sociology			1	9		73
Student Development and Transition				3		6

## 4. Cumulative Glance

While there are no full courses proposed for deletion, there are 5 half courses proposed for deletion across the Social Sciences: 1 course in Management and 2 courses in Geography that have not been offered for many years, 1 course in Sociology that is no longer needed for the fulfillment of program requirements, and 1 course in Linguistics that is no longer taught and will be replaced with the proposed new course LIN353H Discourse Analysis.

Three full new courses and 37 new half courses are proposed across eight departments. The majority of these new courses are in the units of ICCIT, Management, and Sociology. ICCIT is proposing 1 new full and 8 new half courses which will enrich and broaden the ICCIT course offerings in several areas, provide experiential involvement for students, and help students transition from university studies to embarking on a career path. Further, two of the new half courses have been taught as Special Topics courses in the past few years. Economics is proposing two new half courses, ECO406H and ECO411H, which will replace the full year course ECO412Y that will no longer be offered. Anthropology is proposing 4 new half courses that will provide students with the opportunity for experiential involvement, as well as the development of needed new courses with the hiring of new faculty next year. Management is proposing 8 new half courses, the majority of which will be part of the proposed new Business Minor program. Sociology is proposing 9 new half courses that will broaden the department's course offerings in several areas, such as criminal justice organizations, the sociology of disasters, and gender studies. Several courses will provide students with the opportunity to pursue advanced research that facilitates entry into graduate programs and/or professions.

Numerous additional changes were made to existing courses: among the changed courses are 73 half courses in Sociology, 17 half courses in Management, 10 full courses and 4 half courses in Political Science, 2 full courses and 58 half courses in CCIT, 6 full courses and 10 half courses in Economics, and 1 full course and 10 half courses in Geography. Many of the changes were needed in order to make course titles and/or course descriptions better reflect the content of the courses. Other changes were needed in order to correctly reflect the number of lectures, tutorials, and practicals in the courses. Finally, some of the changes were needed in order to introduce explicitly in the "UTM Abroad Courses" description a statement regarding the additional costs that might be involved for those students that choose to take the course.

## 5. Major Changes

There were no major curriculum changes proposed this year.

**Social Sciences/ICCIT**

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# SUMMARY OF COURSE CHANGES

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Anthropology	0	0	0	4	0	5
Communication, Culture, Information and Technology	0	1	0	8	2	58
Concurrent Teacher Education	0	0	0	0	0	0
Diaspora and Transnational Studies	0	0	0	0	0	0
Economics	0	0	0	2	6	10
Environment	0	0	0	1	0	3
Erindale Courses	0	0	0	0	0	0
Forensic Science	0	0	0	0	0	1
Geography	0	0	2	2	1	10
Language Studies	0	0	0	0	0	0
Linguistics	0	0	1	0	0	2
Management	0	0	1	8	0	17
Mathematics	0	0	0	0	1	0
Political Science	0	0	0	0	10	4
Professional Writing and Communication	0	2	0	0	0	16
Sociology	0	0	1	9	0	73
Student Development and Transition	0	0	0	3	0	6
Women and Gender Studies	0	0	0	0	0	0

# New Programs

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NONE

# Programs - Resource Implications

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## **Program #1 ERMAJ2015 Political Science (Arts)**

Resource implications: none, clean-up only

## **Program #2 ERMAJ2431 Management**

Resource implications: None

## **Program #3 ERSPE0751 Economics and Political Science (Arts)**

Resource implications: Not applicable

## **Program #4 ERSPE1384 International Affairs (Arts)**

Resource implications: Not applicable.

## **Program #5 ERSPE1882 Human Resource Management and Industrial Relations**

Resource implications: None.

## **Program #6 ERSPE2015 Political Science (Arts)**

Resource implications: none, clean-up only

## **Program #7 ERSPE2172 Interactive Digital Media (Arts)**

Resource implications: None.

## **Program #8 ERSPE2431 Management**

Resource implications: None



# Deleted Programs

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NONE

# Programs - Other Changes

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## Program #1 ERMAJ0727 Criminology, Law and Society (Arts)

### Rationale for change:

#### Before:

First Year SOC100H5

Students may enrol in most 200-level SOC courses after successfully completing **SOC100H5**. Higher Years Please be aware of the upper year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in 300 and 400 level courses. Students without prerequisites can be removed at any time. No waivers will be granted.

- SOC205H5, 209H5, 221H5, 222H5

- 4.5 additional credits of which 2.0 credits must be at the 300/400 level

Optional Courses 3.0 credits must be selected from Group A and an additional 1.5 credits from Group A or Group B.

#### Group A:

SOC208H5, 211H5, 216H5, 219H5, 220H5, 300H5, 301H5, 303H5, 307H5, 308H5, 310H5, 311H5, 313H5, 316H5, 322H5, 323H5, 325H5, 326H5, 328H5, 330H5, 338H5, 346H5, 371H5, 378H5, 379H5, 393H5, 394H5, 420H5, 421H5, 423H5, 432H5, 446H5, 447H5, 448H5, 450H5, 456H5, 475H5, 493H5, 494H5  
SOC299Y5, 399Y5, 480Y5, 499Y5 (With Department's approval)

#### Group B:

ANT205H5, 209H5, 306H5, 352H5, 354H5, 369H5, 439H5  
FSC239Y5, 271H5, 360H5, 406H5  
PHL246H5, 265H5, 271H5, 274H5, 275H5, 277H5, 365H5, 370H5, 375H5  
POL208Y5, 214Y5, 310Y5, 340Y5, 343Y5  
PSY220H5, 230H5, 240H5, 270H5, 328H5, 340H5, 341H5, 344H5, 346H5, 440H5  
SOC232H5, 253H5, 263H5, 275H5, 318H5, 332H5, 359H5, 380H5, 425H5, 457H5, **460H5**  
WGS215H5, 365H5, 373H5, 420H5

#### After:

First Year SOC100H5

Students may enrol in most 200-level SOC courses after successfully completing **SOC100H5; SOC209H5 is recommended.**

Higher Years Please be aware of the upper year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in 300 and 400 level courses. Students without prerequisites can be removed at any time. No waivers will be granted. **Students must enroll in SOC205H5 and SOC221H5 upon entering the program.**

- SOC205H5, 209H5, 221H5, 222H5

- 4.5 additional credits of which 2.0 credits must be at the 300/400 level

Optional Courses 3.0 credits must be selected from Group A and an additional 1.5 credits from Group A or Group B.

#### Group A:

SOC208H5, 211H5, 216H5, 219H5, 220H5, 300H5, 301H5, 303H5, 307H5, 308H5, 310H5, 311H5, 313H5, 316H5, **320H5**, 322H5, 323H5, 325H5, 326H5, 328H5, 330H5, 338H5, 346H5, 371H5, 378H5, 379H5, 393H5, 394H5, 420H5, 421H5, 423H5, 432H5, **440H5**, 446H5, 447H5, 448H5, 450H5, 456H5, 475H5, 493H5, 494H5  
SOC299Y5, 399Y5, 480Y5, 499Y5 (With Department's approval)

#### Group B:

ANT205H5, 209H5, 306H5, 352H5, 354H5, 369H5, 439H5  
FSC239Y5, 271H5, 360H5, 406H5  
PHL246H5, 265H5, 271H5, 274H5, 275H5, 277H5, 365H5, 370H5, 375H5  
POL208Y5, 214Y5, 310Y5, 340Y5, 343Y5  
PSY220H5, 230H5, 240H5, 270H5, 328H5, 340H5, 341H5, 344H5, 346H5, 440H5

SOC232H5, 253H5, 263H5, 275H5, 318H5, 332H5, **342H5**, 359H5, **364H5**, 380H5, 425H5, 457H5,  
**460H5, 463H5**  
WGS215H5, 365H5, 373H5, 420H5

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## Program #2 ERMAJ1013 Sociology (Arts)

### Rationale for change:

#### Before:

Higher Years Please be aware of the upper year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in 300 and 400 level courses. Students without prerequisites can be removed at any time. No waivers will be granted.

- SOC221H5, **222H5 (see IMPORTANT NOTES above)**

- **SOC231H5,**

- 5.0 additional SOC credits of which 1.0 credit must be at the 300 level and 1.0 credit must be at the 400 level.

#### After:

Higher Years Please be aware of the upper year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in 300 and 400 level courses. Students without prerequisites can be removed at any time. No waivers will be granted. **Students must enroll in SOC221H5 and 231H5 upon entering the program.**

- SOC221H5, **222H5, 231H5**

- 5.0 additional SOC credits of which 1.0 credit must be at the 300 level and 1.0 credit must be at the 400 level.

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## Program #3 ERMAJ1302 Professional Writing and Communication (Arts)

### Rationale for change:

Courses removed from this list are no longer offered. Courses added to the list are replacing/substituting courses removed.

#### Before:

Upper Years A minimum of 2.5 credits from any WRI course.

A maximum of 2.0 Elective credits from:

**ANT204H5/206H5/362H5/401H5/460H5/**

**BIO201H5/211H5/**

**CCT260H5/305H5/360H5/CCT454H5/**

CLA201H5/

**ENG266H5/271H5/357H5**

**HSC300H5/HSC301H5/302H5/**

**LIN200H5/203H5/204H5/331H5/JAL253H5/355H5**

**PHL255H5/350H5/**

**PSY315H5/374H5/376H5**

**SOC309H5/384H5**

A maximum of 2.0 credits of approved writing-intensive courses.

#### After:

Upper Years A minimum of 2.5 credits from any WRI course.

A maximum of 2.0 Elective credits from:

**ANT204H5/206H5/362H5/ANT401H5/ANT460H5/  
 BIO201H5/BIO211H5/  
 CCT250H5/CCT260H5/CCT305/CCT360/  
 CLA201H5/  
 ENG205H5/ENG271H5/ENG357H5/  
 HSC300H5/HSC301H5/HSC302H5/HSC406H5/  
 LIN203H5/LIN204H5/LIN205H5/LIN232H5/LIN331H5/JAL253H5/JAL355H5  
 PHL255H5/PHL341H5/PHL350H5/  
 PSY315H5/PSY350H5/PSY374H5/  
 SOC309H5/SOC384H5**

A maximum of 2.0 credits of approved writing-intensive courses.

**Upper Years**

## Program #4 ERMAJ1425 Environmental Management (Arts)

### Rationale for change:

#### Before:

Second Year: 2.5 credits

- Environmental Management Core: ENV201H5

- Social Science/Humanities Core: 1.0 credit chosen from this list: ANT204Y5, 241Y5; ENG259H5;

GGR202H5, 207H5, 208H5, 209H5, 210H5, 267H5, 269H5, 287H5, 288H5; PHL273H5; **ENV250Y5**

- Science Core: 0.5 credit chosen from this list: BIO205H5; ERS201H5; GGR201H5, 214H5, 217H5, 227H5;

**PHY237H5**

- Analytical & Research Methods: 0.5 credit chosen from this list: GGR276H5, 277H5, 278H5; STA220H5; or another program-relevant 200/300-level Research Methods course, with permission of the Program Advisor

Upper Years: 3.5 credits

- Environmental Management Perspectives: 1.0 credit chosen from this list: ANT357H5; ENV310H5, 393H5; HIS318H5, 319H5

- Social, Economic & Policy Perspectives: 1.5 credit chosen from this list: ANT357H5, 368H5, 370H5;

ECO373Y5; ENV310H5, 320H5, **345H5**, 351H5, 420H5, 425H5, 452H5; GGR318H5, 329H5, 333H5, 348H5, 349H5, 361H5, 365H5, 370H5, 418H5, 419H5, 426H5; JGE378H5; MGT394H5; PHL373H1; POL343Y5; SOC339H5, 349H5, 356H5; WRI375H5

- Scientific Perspectives: 0.5 credit chosen from this list: BIO333H5, 464H5; ERS313H5, ERS315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 317H5, 337H5, 374H5, 377H5, 384H5, 484H5; ENV495H5, 496H5; ERS313H5; JGE378H5

- Field, Project-based & Research Perspectives: 0.5 credit chosen from this list: ENV299Y5, 331H5, 332H5,

**399Y5**; GGR379H5, 389H5; JEG400Y5, 401Y5; or another program-relevant Field, Experiential, or Research course, with permission of the Program Advisor

#### After:

Second Year: 2.5 credits

- Environmental Management Core: ENV201H5

- Social Science/Humanities Core: 1.0 credit chosen from this list: ANT204Y5, 241Y5; ENG259H5;

**ENV205H5**; GGR202H5, 207H5, 208H5, 209H5, 210H5, 267H5, 269H5, 287H5, 288H5;

**JPE250Y5**; PHL273H5;

- Science Core: 0.5 credit chosen from this list: BIO205H5; ERS201H5; GGR201H5, 214H5, 217H5, 227H5;

- Analytical & Research Methods: 0.5 credit chosen from this list: GGR276H5, 277H5, 278H5; STA220H5; or another program-relevant 200/300-level Research Methods course, with permission of the Program Advisor

Upper Years: 3.5 credits

- Environmental Management Perspectives: 1.0 credit chosen from this list: ANT357H5; ENV310H5, 393H5; HIS318H5, 319H5

- Social, Economic & Policy Perspectives: 1.5 credit chosen from this list: ANT357H5, 368H5, 370H5;

ECO373Y5; ENV310H5, **311H5**, 320H5, 351H5, 420H5, 425H5, **430H5**, 452H5; GGR318H5,

**325H5**, 329H5, 333H5, 348H5, 349H5, **353H5**, 361H5, 365H5, 370H5, 418H5, 419H5, 426H5;  
**JEP356H5, 452H5**; JGE378H5; MGT394H5; PHL373H1; POL343Y5; SOC339H5, 349H5, 356H5;  
 WRI375H5  
 - Scientific Perspectives: 0.5 credit chosen from this list: BIO333H5, 464H5; ERS313H5, ERS315H5,  
 321H5; GGR305H5, 307H5, 309H5, 311H5, 317H5, 337H5, 374H5, 377H5, 384H5, 484H5; ENV495H5,  
 496H5; ERS313H5; JGE378H5  
 - Field, Project-based & Research Perspectives: 0.5 credit chosen from this list: ENV299Y5, **330H5**,  
 331H5, 332H5, **399Y5, 496H5**; GGR379H5, 389H5; JEG400Y5, 401Y5; or another  
 program-relevant Field, Experiential, or Research course, with permission of the Program Advisor

## Program #5 ERMAJ1666 Geography (Arts)

### Rationale for change:

#### Before:

Second Year 3.0 credits as follows:

1.5 credits from GGR202H5, 207H5, 208H5, 209H5, 210H5, 252H5, 267H5, 269H5, 287H5, 288H5

~~1.0 credit from **GGR276H5, 277H5**, 278H5~~

0.5 credit from GGR201H5, 214H5, 217H5, 227H5

~~Third Year **2.5** credits from the following:~~

~~**ENV345H5**; GGR313H5, 318H5, 325H5, 329H5, 333H5, 348H5, 349H5, 353H5, **354H5**, 361H5, 365H5,  
 370H5, 380H5, **381H5, 389H5**; JGE378H5~~

~~Fourth Year **0.5 credit from any GGR/JEG Social Science designated 400-level courses as described in the Geography Course Descriptions section of this calendar.**~~

Field Days 6 days

Six days accumulated either through a geography field course and/or through geography courses with field day components as indicated in course descriptions.

#### After:

Second Year 3.0 credits as follows:

1.5 credits from GGR202H5, 207H5, 208H5, 209H5, 210H5, 252H5, 267H5, 269H5, 287H5, 288H5

0.5 credit from **GGR277H5**

0.5 credit from **GGR272H5, 276H5**, 278H5

0.5 credit from GGR201H5, 214H5, 217H5, 227H5

Third/Fourth Year **3.0** credits from the following:

**ENV311H5**; GGR313H5, 318H5, 325H5, 329H5, 333H5, 348H5, 349H5, 353H5, 361H5, **363H5**, 365H5,  
 370H5, **376H5**, 380H5, **385H5, 389H5, 418H5, 419H5, 420H5, 426H5, 489H5**; JGE378H5

Field Days 6 days

Six days accumulated either through a geography field course and/or through geography courses with field day components as indicated in course descriptions.

## Program #6 ERMAJ2015 Political Science (Arts)

**Rationale for change:** references to POL 250Y are being replaced with JPE 250Y

#### Before:

- POL200Y5, POL 214Y5

- 1.0 credit from each of two the following three fields:

- Comparative Politics - POL203Y5, 204Y5, 218Y5, 354Y5, 360H5, 361H5, 362H5, 363H5, 300Y5, 302Y5, 303Y5, 304Y5, 309Y5, 332Y5, 440Y5, 443H5, 438H5

- International Relations - POL208Y5, 310Y5, 327Y5, 340Y5, 343Y5, 486Y5, 487H5

- Public Policy and Public Administration - **POL250Y5, 316Y5**, 317Y5, 336Y5, 346Y5, 353Y5, 355Y5, 368Y5, 369Y5; ENV 250Y5, 3551Y5, 359Y5, 452H5; JPE250Y5; JEP 356H5, 351H5, 452H5

- 3.0 additional POL credits

#### After:

- POL200Y5, POL 214Y5

- 1.0 credit from each of two the following three fields:

- Comparative Politics - POL203Y5, 204Y5, 218Y5, 354Y5, 360H5, 361H5, 362H5, 363H5, 300Y5, 302Y5, 303Y5, 304Y5, 309Y5, 332Y5, 440Y5, 443H5, 438H5

- International Relations - POL208Y5, 310Y5, 327Y5, 340Y5, 343Y5, 486Y5, 487H5

- Public Policy and Public Administration - **POL316Y5**, 317Y5, 336Y5, 346Y5, 353Y5, 355Y5, 368Y5, 369Y5; ENV 250Y5, 3551Y5, 359Y5, 452H5; JPE250Y5; JEP 356H5, 351H5, 452H5

## Program #7 ERMAJ2431 Management

**Rationale for change:** The note regarding MAT133Y5 was requested by the Dean's Office.

**Before:** Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite courses MGM101H5(63%), MGM102H5(63%); ECO100Y5(63%) in a minimum of 4.0 credits.
- Cumulative Grade Point Average (CGPA) Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.
- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits Students applying to Management with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.
- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POST request periods in March/April. Contact Management Department for ~~dates~~.

First year (2.0 credits) MGM101H5, 102H5; ECO100Y5

Upper Years

- Core courses (1.5 credits): MGT262H5, MGM301H5, 400H5
- Management Disciplines (3.0 credits): MGM221H5/MGT120H5, MGM222H5, 230H5, 390H5; MGT252H5, 371H5
- Statistics (0.5 credits): STA218H5
- Electives (select 1.0 ~~credits~~): MGM320H5, 332H5; MGT260H5, 353H5, 363H5, 452H5, 453H5, 455H5, 461H5, 480H5, 491H5, 493H5, 494H5; MGD421H5, 422H5, 423H5

**After:** Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite courses MGM101H5(63%), MGM102H5(63%); ECO100Y5(63%) in a minimum of 4.0 credits.
- Cumulative Grade Point Average (CGPA) Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.
- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits Students applying to Management with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.
- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POST request periods in March/April. Contact Management Department for dates. **IMPORTANT NOTE: Students applying for admission to this program in 2019 will be required to have completed MAT133Y5. (Prospective students should note that Advanced Functions (MHF4U) with a minimum grade 70% is a prerequisite for MAT133Y5 and will be listed as a requirement for admission to First Year Studies in Management in 2018.)**

First year (2.0 credits) MGM101H5, 102H5; ECO100Y5

**(3.0 first year credits will be required in 2018/19 as a result of the addition of MAT133Y5 to this program).**

Upper Years

- Core courses (1.5 credits): MGT262H5, MGM301H5, 400H5
- Management Disciplines (3.0 credits): MGM221H5/MGT120H5, MGM222H5, 230H5, 390H5; MGT252H5, 371H5
- Statistics (0.5 credits): STA218H5
- Electives (select 1.0 credit): MGM320H5, 332H5; MGT260H5, 353H5, 363H5, 452H5, 453H5, 455H5, 461H5, 480H5, 491H5, 493H5, 494H5; MGD421H5, 422H5, 423H5

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## Program #8 ERMIN1425 Environmental Management (Arts)

**Rationale for change:**

**Before:**

Second Year: 1.5 credits

- Environmental Management Core: ENV201H5
- Social Science/Humanities Perspectives: 0.5 credit chosen from this list: ANT204H5; ENG259H5; GGR202H5, 207H5, 208H5, 209H5, 210H5, 267H5, 269H5, 287H5, 288H5; PHL255H5, 273H5;

***ENV250Y5***

- Scientific Perspectives: 0.5 credit chosen from this list: BIO201H5, 205H5; ERS201H5; GGR201H5,

214H5, 217H5, 227H5; **PHY237H5**

Third Year: 1.5 credits

- Field, Project-based & Research Perspectives: 0.5 credit chosen from this list: ENV299Y5, **331H5**; GGR379H5, 389H5; JEG401Y5; or another program-relevant Field, Project-Based, or Research course, with permission of the Program Advisor
- 1.0 additional credit chosen from this list: ANT357H5, 368H5, 370H5; ECO373Y5; ENV310H5, 320H5, **345H5**, 393H5, 420H5, 425H5, 490H5, 491H5, 497H5; GGR318H5, 333H5, 348H5, 349H5, 361H5, 365H5, 370H5, 418H5; HIS318H5, 319H5; HPS328H1; JGE378H5; MGT394H5; PHL373H1; POL343Y5; SCI395H5, SCI396H5; SOC339H5, 349H5, 356H5; WRI375H5

**After:**

Second Year: 1.5 credits

- Environmental Management Core: ENV201H5

- Social Science/Humanities Perspectives: 0.5 credit chosen from this list: ANT204H5; ENG259H5;

GGR202H5, 207H5, 208H5, 209H5, 210H5, 267H5, 269H5, 287H5, 288H5; **JPE250Y5**; PHL255H5, 273H5;

- Scientific Perspectives: 0.5 credit chosen from this list: BIO201H5, 205H5; ERS201H5; GGR201H5, 214H5, 217H5, 227H5;

Third Year: 1.5 credits

- Field, Project-based & Research Perspectives: 0.5 credit chosen from this list: ENV299Y5, **330H5**, **331H5**, **332H5**, **496H5**; GGR379H5, 389H5; JEG401Y5; or another program-relevant Field, Project-Based, or Research course, with permission of the Program Advisor

- 1.0 additional credit chosen from this list: ANT357H5, 368H5, 370H5; ECO373Y5; ENV310H5, **311H5**, 320H5, 393H5, 420H5, 425H5, **430H5**, 490H5, 491H5, 497H5; GGR318H5, **325H5**, 333H5, 348H5, 349H5, **353H5**, 361H5, 365H5, 370H5, 418H5; HIS318H5, 319H5; HPS328H1; **JEP356H5**, **452H5**; JGE378H5; MGT394H5; PHL373H1; POL343Y5; SCI395H5, SCI396H5; SOC339H5, 349H5, 356H5; WRI375H5

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## Program #9 ERMIN1666 Geography (Arts)

**Rationale for change:**

**Before:**

4.0 credits are required 4.0 credits from the list ~~of GGR Social Science courses, as described in the Geography Course Descriptions section of this calendar~~, including at least 1.0 credit at the 300/400 ~~level~~

**After:**

4.0 credits are required 4.0 credits from the following list including at least 1.0 credit at the 300/400 level: GGR111H5, 202H5, 207H5, 208H5, 209H5, 210H5, 252H5, 267H5, 269H5, 287H5, 288H5; ENV311H5; GGR313H5, 318H5, 325H5, 329H5, 333H5, 348H5, 349H5, 353H5, 361H5, 365H5, 370H5, 376H5, 380H5, 381H5, 385H5, 389H5, 417Y5, 418H5, 419H5, 420H5, 426H5, 489H5; JEG401Y5, JGE378H5

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## Program #10 ERSPE0727 Criminology, Law and Society (Arts)

**Rationale for change:**

**Before:**

First Year SOC100H5

Students may enroll in most 200-level SOC courses after successfully completing **SOC100H5**.

Higher Years Please be aware of the upper year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in 300 and 400 level courses. Students without prerequisites can be removed at any time. No waivers will be granted.

- SOC205H5, 209H5, 221H5, 222H5, 231H5

- SOC350H5, 387H5

- 1.0 credit at the 400 level

- 5.0 additional credits of which 2.0 credits must be at the 300/400 level

Optional Courses 3.5 credits must be selected from Group A and an additional 1.5 credits from Group A or

Group B.

Group A:

SOC208H5, 211H5, 216H5, 219H5, 220H5, 300H5, 301H5, 303H5, 307H5, 308H5, 310H5, 311H5, 313H5, 316H5, 322H5, 323H5, 325H5, 326H5, 328H5, 330H5, 338H5, 346H5, 371H5, 378H5, 379H5, 393H5, 394H5, 420H5, 421H5, 423H5, 432H5, 446H5, 447H5, 448H5, 450H5, 456H5, 475H5, 493H5, 494H5  
SOC299Y5, 399Y5, 480Y5, 499Y5 (With Department's approval)

Group B:

ANT205H5, 209H5, 306H5, 352H5, 354H5, 369H5, 439H5  
FSC239Y5, 271H5, 360H5, 406H5  
PHL246H5, 265H5, 271H5, 274H5, 275H5, 277H5, 365H5, 370H5, 375H5  
POL208Y5, 214Y5, 310Y5, 340Y5, 343Y5  
PSY220H5, 230H5, 240H5, 270H5, 328H5, 340H5, 341H5, 344H5, 346H5, 440H5  
SOC232H5, 253H5, 263H5, 275H5, 318H5, 332H5, 359H5, 380H5, 425H5, 457H5, **460H5**  
WGS215H5, 365H5, 373H5, 420H5

**After:**

First Year SOC100H5

Students may enroll in most 200-level SOC courses after successfully completing **SOC100H5;**  
**SOC209H5 is recommended.**

Higher Years Please be aware of the upper year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in 300 and 400 level courses. Students without prerequisites can be removed at any time. No waivers will be granted. **Students must enroll in SOC205H5 and 221H5 upon entering the program.**

- SOC205H5, 209H5, 221H5, 222H5, 231H5  
- SOC350H5, 387H5

- 1.0 credit at the 400 level

- 5.0 additional credits of which 2.0 credits must be at the 300/400 level

Optional Courses 3.5 credits must be selected from Group A and an additional 1.5 credits from Group A or Group B.

Group A:

SOC208H5, 211H5, 216H5, 219H5, 220H5, 300H5, 301H5, 303H5, 307H5, 308H5, 310H5, 311H5, 313H5, 316H5, **320H5**, 322H5, 323H5, 325H5, 326H5, 328H5, 330H5, 338H5, 346H5, 371H5, 378H5, 379H5, 393H5, 394H5, 420H5, 421H5, 423H5, 432H5, **440H5**, 446H5, 447H5, 448H5, 450H5, 456H5, 475H5, 493H5, 494H5  
SOC299Y5, 399Y5, 480Y5, 499Y5 (With Department's approval)

Group B:

ANT205H5, 209H5, 306H5, 352H5, 354H5, 369H5, 439H5  
FSC239Y5, 271H5, 360H5, 406H5  
PHL246H5, 265H5, 271H5, 274H5, 275H5, 277H5, 365H5, 370H5, 375H5  
POL208Y5, 214Y5, 310Y5, 340Y5, 343Y5  
PSY220H5, 230H5, 240H5, 270H5, 328H5, 340H5, 341H5, 344H5, 346H5, 440H5  
SOC232H5, 253H5, 263H5, 275H5, 318H5, 332H5, **342H5**, 359H5, **364H5**, 380H5, 425H5, 457H5, **460H5, 463H5**  
WGS215H5, 365H5, 373H5, 420H5

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## Program #11 ERSPE0751 Economics and Political Science (Arts)

**Rationale for change:** Adding MAT % because courses that are required for the program explicitly have this math requirement.

**Before:**

Limited Enrolment: Enrolment in this program is limited. Students enrolling at the end of first year (4.0 credits) must obtain:

- a mark of at least 70% in 1.0 POL credit and at least 67% in ECO100Y5, and a minimum Cumulative Grade Point Average of 2.00. OR

- a mark of at least 70% in 1.0 POL credit and at least 63% in ECO100Y5, and a minimum Cumulative Grade Point Average of 2.50. Students enrolling at the end of second year (8.0 credits) must obtain:

- a mark of at least 70% in each of 2.0 POL credits and at least 67% in ECO100Y5, and a minimum Cumulative Grade Point Average of 2.30 OR



- a mark of at least 70% in each of 2.0 POL credits and at least 63% in ECO100Y5, and a minimum Cumulative Grade Point Average of 2.50.

**After:**

Limited Enrolment: Enrolment in this program is limited. Students enrolling at the end of first year (4.0 credits) must obtain:

- a mark of at least 70% in 1.0 POL credit and at least 67% in ECO100Y5, **MAT133Y5 (63%)/ MAT134Y5/ MAT135Y5/ MAT137Y5** and a minimum Cumulative Grade Point Average of 2.00. OR

- a mark of at least 70% in 1.0 POL credit and at least 63% in ECO100Y5, **MAT133Y5 (63%)/ MAT134Y5/ MAT135Y5/ MAT137Y5** and a minimum Cumulative Grade Point Average of 2.50. Students enrolling at the end of second year (8.0 credits) must obtain:

- a mark of at least 70% in each of 2.0 POL credits and at least 67% in ECO100Y5, **MAT133Y5 (63%)/ MAT134Y5/ MAT135Y5/ MAT137Y5** and a minimum Cumulative Grade Point Average of 2.30 OR

- a mark of at least 70% in each of 2.0 POL credits and at least 63% in ECO100Y5, **MAT133Y5 (63%)/ MAT134Y5/ MAT135Y5/ MAT137Y5** and a minimum Cumulative Grade Point Average of 2.50.

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### Program #12 ERSPE1013 Sociology (Arts)

**Rationale for change:**

**Before:**

Higher Years Please be aware of the upper year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in 300 and 400 level courses. Students without prerequisites can be removed at any time. No waivers will be granted.

- SOC221H5, **222H5 (see IMPORTANT NOTES above)**

- **SOC231H5**, 350H5, 387H5

- 1.0 SOC credit at the 400 level of which 0.5 credit must be a seminar

- 6.0 additional SOC credits of which 3.0 credits must be at the 300/400 level.

**After:**

Higher Years Please be aware of the upper year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to enroll in 300 and 400 level courses. Students without prerequisites can be removed at any time. No waivers will be granted. **Students must enroll in SOC221H5 and 231H5 upon entering the program.**

- SOC221H5, **231H5**

- **SOC222H5**, 350H5, 387H5

- 1.0 SOC credit at the 400 level of which 0.5 credit must be a seminar

- 6.0 additional SOC credits of which 3.0 credits must be at the 300/400 level.

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### Program #13 ERSPE1307 Digital Enterprise Management (Arts)

**Rationale for change:**

Because of the change in the description for CCT401H5, we have decided that course should not be mandatory, hence we have increased the optional electives from 0.5 credit to 1.0 credit.

**Before:**

Third and Higher Years

- CCT319H5, 321H5, 322H5, 324H5, 355H5, 356H5, 360H5

- **CCT401H5, 404H5**, 424H5, 460H5, MGD421H5, 426H5, 428H5 and **0.5** credit from **CCT410H5**, MGD415H5, 422H5, 423H5, 427H5, **429H5**

- In addition, 2.0 credits from any 300/400 CCT level courses.

**After:**

Third and Higher Years

- CCT319H5, 321H5, 322H5, 324H5, 355H5, 356H5, 360H5

- **CCT404H5**, 424H5, 460H5, MGD421H5, 426H5, 428H5 and **1.0** credit from **CCT401H5**, **410H5**, MGD415H5, 422H5, 423H5, 427H5, **429H5**, **430H5**
- In addition, 2.0 credits from any 300/400 CCT level courses.

## Program #14 ERSPE1384 International Affairs (Arts)

- Rationale for change:** Adding MAT % because courses that are required for the program explicitly have this math requirement. Updated French, Italian courses and added new Spanish and Chinese courses as per Languages Studies Department.
- Before:** Limited Enrolment: Enrolment in this program is limited to students who have 63% in ECO100Y5; ~~one~~ introductory language ~~course and~~ a CGPA of ~~2.50-11.0~~ credits are required from the following list: ECO100Y5; MAT133Y5/134Y5/135Y5; ECO200Y5/204Y5/206Y5, 202Y5/208Y5/209Y5,220Y5/227Y5,364H5,365H5; POL208Y5; 4.0 language credits in the same discipline. 3.0 from: ENV345H5,GGR325H5,365H5;HIS311Y5/HIS311H5; POL302Y5, 327Y5/375H5,340Y5,343Y5, 475H5 1.0 from: ECO400Y5/412Y/433H5/435H5/436H5/439Y5/456H5/460H5/461H5/463H5; a 400-level language course. The following 400-level St. George courses will also fulfill this requirement: ECO419H1, 459H1; POL454Y1 or a 400-level course from a cognate discipline approved by the faculty advisor. Language components available at U of T Mississauga: French: ~~FSL(205H5,206H5)/205Y5, FSL(305H5,306H5)/305Y5, 385H5/406H5, 386H5/406H5 or 366H5, FRE383H5~~ German: GER100Y5, 200Y5, 300Y5, 330H5, 370H5 (300/400 level German courses not always available at UTM.) Italian: ITA100Y5, 200Y5, 231H5, 232H5, ~~313Y5~~, 315Y5, 350Y5, ~~437H5, 436Y5~~, 420Y5 Note: Other languages can be considered with the approval of the Department.
- After:** Limited Enrolment: Enrolment in this program is limited to students who have 63% in ECO100Y5; **1.0** introductory language course, a CGPA of 2.50 and MAT133Y5 (63%) /MAT134Y5/ MAT135Y5/ MAT137Y5.11.0 credits are required from the following list: ECO100Y5; MAT133Y5/134Y5/135Y5; ECO200Y5/204Y5/206Y5, 202Y5/208Y5/209Y5,220Y5/227Y5,364H5,365H5; POL208Y5; 4.0 language credits in the same discipline. 3.0 from: ENV345H5,GGR325H5,365H5;HIS311Y5/HIS311H5; POL302Y5, 327Y5/375H5,340Y5,343Y5, 475H5 1.0 from: ECO400Y5/412Y/433H5/435H5/436H5/439Y5/456H5/460H5/461H5/463H5; a 400-level language course. The following 400-level St. George courses will also fulfill this requirement: ECO419H1, 459H1; POL454Y1 or a 400-level course from a cognate discipline approved by the faculty advisor. Language components available at U of T Mississauga: French: FSL105H5, FSL106H5, FSL205Y5, FSL305Y5, FSL405H5, FSL406H5, FSL466H. NOTE: Students exempted from lower level courses may replace them with a higher level language courses in FRE (FRE283H5, FRE382H5, FRE383H5) German: GER100Y5, 200Y5, 300Y5, 330H5, 370H5 (300/400 level German courses not always available at UTM.) Italian: ITA100Y5, 200Y5, 231H5, 232H5, 315Y5, 350Y5, 371Y5, 413Y5, 437Y5, 420Y5 Spanish: SPA100Y5, 220Y5, 259H5, 320Y5, 323H5 Chinese: CHI100Y5, 200Y5 (or CHI201Y5), 301Y5, 310H5, 311H5, 408H5 Note: Other languages can be considered with the approval of the Department. Students without pre- and co-requisites or written permission of the instructor can be deregistered from courses at any time.

## Program #15 ERSPE1425 Environmental Management (Arts)

- Rationale for change:**
- Before:**
- Second Year: 4.0 credits
- Environmental Management Core: ENV201H5
  - Social Science/Humanities Core: 1.5 credits chosen from this list: ANT204Y5, 241Y5; ECO200Y5; ENG259H5; GGR202H5, 207H5, 208H5, 209H5, 210H5, 267H5, 269H5, 287H5, 288H5; **MAT102H5, 133Y5, 134Y5, 135Y5**; PHL273H5; **ENV250Y5**
  - Science Core: 1.0 credit chosen from this list: BIO201H5, 205H5; ERS201H5, 202H5, 203H5; GGR201H5, 214H5, 217H5, 227H5; **PHY237H5**
  - Statistics: 0.5 credit chosen from this list: GGR276H5; STA220H5 or other 200/300 statistics course with permission from Program Advisor.
  - Analytical & Research Methods: 0.5 credit chosen from this list: GGR277H5, 278H5; STA221H5; or another program-relevant 200/300-level Research Methods course, with permission of the Program Advisor
  - Upper Years: 5.0 credits
  - Environmental Management Perspectives: 1.5 credit chosen from this list: ANT357H5; ENV310H5, 393; HIS318H5, 319H5
  - Social, Economic & Policy Perspectives: 2.0 credits chosen from this list: ANT357H5, 368H5, 370H5; ECO373Y5; **ENV320H5, 345H5**, 351H5, 420H5, 425H5, 452H5; GGR318H5, 329H5, 333H5, 348H5, 349H5, 361H5, 365H5, 370H5, 418H5, 419H5, 426H5, 493H5; **GGR321H1**; JGE378H5,

JUG320H1; MGT394H5; PHL373H1; POL343Y5; SOC339H5, 349H5, 356H5; WRI375H5  
 - Scientific Perspectives: 0.5 credit chosen from this list: BIO333H5, 464H5; ENV495H5, 496H5;  
 ERS313H5, ERS315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 317H5, 337H5, 374H5, 377H5,  
 384H5, 484H5; ERS313H5; JGE378H5; SCI395H5, SCI396H5  
 - Field, Project-based & Research Perspectives: 1.0 credit chosen from this list: ENV299Y5, 331H5, 332H5,  
 399Y5, 497H5, 498Y5; GGR379H5, 389H5; JEG400Y5, 401Y5; **SCI498H5, 499H5**; or another  
 program-relevant Field, Experiential, or Research course, with permission of the Program Advisor

**After:**

Second Year: 4.0 credits  
 - Environmental Management Core: ENV201H5  
 - Social Science/Humanities Core: 1.5 credits chosen from this list: ANT204Y5, 241Y5; ECO200Y5;  
 ENG259H5; **ENV205H5**; GGR202H5, 207H5, 208H5, 209H5, 210H5, 267H5, 269H5, 287H5, 288H5;  
**JPE250Y5**; PHL273H5;  
 - Science Core: 1.0 credit chosen from this list: BIO201H5, 205H5; ERS201H5, 202H5, 203H5; GGR201H5,  
 214H5, 217H5, 227H5;  
 - Statistics: 0.5 credit chosen from this list: GGR276H5; STA220H5 or other 200/300 statistics course with  
 permission from Program Advisor.  
 - Analytical & Research Methods: 0.5 credit chosen from this list: GGR277H5, 278H5; STA221H5; or  
 another program-relevant 200/300-level Research Methods course, with permission of the Program Advisor  
 Upper Years: 5.0 credits  
 - Environmental Management Perspectives: 1.5 credit chosen from this list: ANT357H5; ENV310H5, 393;  
 HIS318H5, 319H5  
 - Social, Economic & Policy Perspectives: 2.0 credits chosen from this list: ANT357H5, 368H5, 370H5;  
 ECO373Y5; **ENV310H5, 311H5, 320H5**, 351H5, 420H5, 425H5, **430H5**, 452H5;  
 GGR318H5, **321H1, 325H5**, 329H5, 333H5, 348H5, 349H5, **353H5**, 361H5, 365H5, 370H5,  
 418H5, 419H5, 426H5, 493H5; **JEP356H5, 452H5**; JGE378H5, JUG320H1; MGT394H5;  
 PHL373H1; POL343Y5; SOC339H5, 349H5, 356H5; WRI375H5  
 - Scientific Perspectives: 0.5 credit chosen from this list: BIO333H5, 464H5; ENV495H5, 496H5;  
 ERS313H5, ERS315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 317H5, 337H5, 374H5, 377H5,  
 384H5, 484H5; ERS313H5; JGE378H5; SCI395H5, SCI396H5  
 - Field, Project-based & Research Perspectives: 1.0 credit chosen from this list: ENV299Y5, **330H5**,  
 331H5, 332H5, 399Y5, **496H5**, 497H5, 498Y5; GGR379H5, 389H5; JEG400Y5, 401Y5;  
**SCI499H5**; or another program-relevant Field, Experiential, or Research course, with permission of the  
 Program Advisor

**Program #16 ERSPE1666 Geography (Arts)**

**Rationale for change:**

**Before:**

Second Year 3.5 credits:  
 2.0 credits from GGR202H5, 207H5, 208H5, 209H5, 210H5, 252H5, 267H5, 269H5, 287H5, 288H5  
~~1.0 credit from GGR276H5, 277H5, 278H5~~  
 0.5 credit from GGR201H5, 214H5, 217H5, 227H5  
 Third Year 4.0 credits from the following:  
~~GGR313H5, 318H5, 325H5, 329H5, 333H5, ENV345H5, 348H5, 349H5, 353H5, 354H5, 361H5, 365H5,~~  
 370H5, 380H5, 381H5, 389H5; JGE378H5  
 Fourth Year 1.5 credits:  
 1.0 credit : GGR417Y5, ~~JEG400Y5~~, JEG401Y5  
 0.5 credit ~~from any GGR Social Science designed 400-level courses as described in the~~  
**Geography Course Descriptions section of this calendar.**

**After:**

Second Year 3.5 credits:  
 2.0 credits from GGR202H5, 207H5, 208H5, 209H5, 210H5, 252H5, 267H5, 269H5, 287H5, 288H5  
0.5 credit from GGR277H5  
0.5 credit from GGR272H5, 276H5, 278H5  
 0.5 credit from GGR201H5, 214H5, 217H5, 227H5  
 Third Year 4.0 credits from the following:  
ENV311H5; GGR313H5, 318H5, 325H5, 329H5, 333H5, 348H5, 349H5, 353H5, 354H5, 361H5, 363H5,  
 365H5, 370H5, 376H5, 380H5, 385H5, 381H5, 389H5; JGE378H5  
 Fourth Year 1.5 credits:

1.0 credit : GGR417Y5, JEG401Y5  
0.5 credit from: GGR418H5, GGR419H5, GGR420H5, GGR426H5, 489H5

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### Program #17 ERSPE1704 Commerce: Accounting (BCom)

**Rationale for change:** ECO412Y5 is replaced by ECO406H5 and ECO411H5.

**Before:**

Writing Requirements Writing Requirements (2.0 credit) from:  
ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/ 324Y5/ 333Y5/ 336Y5/ 343H5/  
344H5/ 373Y5/ 399Y5/ **412Y5**/ 433H5/ 435H5/ 439Y5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS;  
HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC  
(excluding SOC350H5); WRI  
Writing courses must be in the English Language.

**After:**

Writing Requirements Writing Requirements (2.0 credit) from:  
ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/ 324Y5/ 333Y5/ 336Y5/ 343H5/  
344H5/ 373Y5/ 399Y5/ **406H5/ 411H5**/ 433H5/ 435H5/ 439Y5/ 456H5/ 463H5/ 475H5); ENG; FAH;  
HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC  
(excluding SOC350H5); WRI  
Writing courses must be in the English Language.

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### Program #18 ERSPE1882 Human Resource Management and Industrial Relations

**Rationale for change:**

ERI360H5 is no longer offered therefore we've created a new course MGM360H5 to replace it.  
The note regarding MAT133Y5 was requested by the Dean's office.

**Before:**

Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses:

MGM101H5 (63%), MGM102H5 (63%); ECO100Y5 (63%) in a minimum of 4.0 credits.

- Cumulative Grade Point Average (CGPA):

Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.

- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits

Students applying to Management with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.

- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POST request periods in March/April. Contact Management Department for ~~dates~~.

First Year (2.0 credits) MGM101H5, 102H5; ECO100Y5

Upper Years

- Core courses (1.5 credits): MGT262H5; MGM301H5, 400H5

- Management Disciplines (8.5 credits): MGM221H5/MGT120H5, MGM222H5, 230H5, 364H5, 365H5, 390H5, 464H5, 465H5, 466H5; MGT252H5, 260H5, 363H5, 371H5, 480H5; ~~ECO205Y5/200Y5; ERI360H5~~

- Statistics (0.5 credits): STA218H5

- Electives (select 1.5 credits): ANT350H5; ECO261H5; HIS313H5, 314H5; SOC227H5, 236H5, 263H5, 361H5; WGS210H5; MGT461, 463, 467.

**After:**

Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:

- Prerequisite Courses:

MGM101H5 (63%), MGM102H5 (63%); ECO100Y5 (63%) in a minimum of 4.0 credits.

- Cumulative Grade Point Average (CGPA):

Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.

- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits

Students applying to Management with transfer credits must meet these requirements:

- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.
- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POST request periods in March/April. Contact Management Department for dates. **IMPORTANT NOTE: Students applying for admission to this program in 2019 will be required to have completed MAT133Y5. (Prospective students should note that Advanced Functions (MHF4U) with a minimum grade 70% is a prerequisite for MAT133Y5 and will be listed as a requirement for admission to First Year Studies in Management in 2018.) First Year** (2.0 credits) MGM101H5, 102H5; ECO100Y5

**(3.0 first year credits will be required in 2018/19 as a result of the addition of MAT133Y5 to this program).**

Upper Years

- Core courses (1.5 credits): MGT262H5; MGM301H5, 400H5
- Management Disciplines (8.5 credits): MGM221H5/MGT120H5, MGM222H5, 230H5, ~~360H5~~, 364H5, 365H5, 390H5, 464H5, 465H5, 466H5; MGT252H5, 260H5, 363H5, 371H5, 480H5; ~~ECO205Y5/200Y5~~
- Statistics (0.5 credits): STA218H5
- Electives (select 1.5 credits): ANT350H5; ECO261H5; HIS313H5, 314H5; SOC227H5, 236H5, 263H5, 361H5; WGS210H5; MGT461, 463, 467.

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### Program #19 ERSPE2015 Political Science (Arts)

**Rationale for change:** references to POL 250Y are being replaced with JPE 250Y.

**Before:**

- POL200Y5, 208Y5, 214Y5, 218Y5, 242Y, 320Y5
- 1.0 credit in the field of Public Policy and Public Administration: **POL250Y, 316Y**, 317Y5, 336Y5, 346Y, 353Y5, 355Y5, 368Y, 369Y; ENV 250Y, 3551Y, 359Y, 452H; JPE 250Y; JEP 356H, 351H, 452H
- 3.0 additional POL courses

**After:**

- POL200Y5, 208Y5, 214Y5, 218Y5, 242Y, 320Y5
- 1.0 credit in the field of Public Policy and Public Administration: **POL316Y**, 317Y5, 336Y5, 346Y, 353Y5, 355Y5, 368Y, 369Y; ENV 250Y, 3551Y, 359Y, 452H; JPE 250Y; JEP 356H, 351H, 452H
- 3.0 additional POL courses

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### Program #20 ERSPE2034 Commerce: Finance (BCom)

**Rationale for change:** ECO412Y5 is replaced by ECO406H5 and ECO411H5.

**Before:**

Writing Requirements (2.0 credits) ANT204H5; CLA (except 201H5); 1.0 credits of (ECO320Y5/ 322Y5/ 323Y5/ 324Y5/ 333Y5/ 336Y5/ 343H5/ 344H5/ 373Y5/ 399Y5/ **412Y5**/ 433H5/ 435H5/ 439Y5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI  
Writing courses must be in the English language.

**After:**

Writing Requirements (2.0 credits) ANT204H5; CLA (except 201H5); 1.0 credits of (ECO320Y5/ 322Y5/ 323Y5/ 324Y5/ 333Y5/ 336Y5/ 343H5/ 344H5/ 373Y5/ 399Y5/ **406H5/ 411H5**/ 433H5/ 435H5/ 439Y5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI  
Writing courses must be in the English language.

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### Program #21 ERSPE2172 Interactive Digital Media (Arts)

**Rationale for change:** Reversing back to the original IDM program as per the 2016-2017 calendar.

**Before:**

The Interactive Digital Media (IDM) program explores the transformation of knowledge and culture through critical examinations of the social impacts of new and emerging communication and information technologies.

**IDM** is run jointly by the Institute of Communication, Culture, Information and Technology (ICIT) at the University of Toronto Mississauga (UTM) and the Faculty of Information (iSchool) at the University of Toronto. By integrating critical communication and information studies, the program confronts information and communications technologies (ICTs) as elements of larger ~~social-technical~~ systems of power. Students engage in debates over digital culture, surveillance and privacy, ~~Internet~~ governance and policy, intellectual property, human-computer interaction, information systems design, and the rhetoric of innovation and technological development. IDM takes an interdisciplinary approach to this exploration, addressing telecommunications and other media infrastructure; institutionalized practices of entertainment and sociability; and techniques of data collection, management, and analysis practices.

~~In~~ addition to the CORE courses, students will be required to take an integrated set of upper level courses providing students with the knowledge and skills necessary to design and critique complex technical, political, and cultural responses to the opportunities and dangers of new and enduring information ~~practices.~~ Within an Honour's degree, 13.0 credits are required. NOTES:

- Students cannot combine the Interactive Digital Media ~~Program~~ with the CCIT Major program.
- It is your responsibility to ensure that the prerequisites for courses listed in the calendar have been met. Students without the prerequisites can be removed at any time. No waivers will be granted.

Second Year CCT206H5, CCT207H5, ~~CCT208H5~~ CCT210H5, CCT218H5, CCT219H5, CCT222H5, CCT285H5, CCT286H5

Third and Fourth Year CCT301H5, CCT309H5, CCT341H5, CCT365H5, CCT413H5

+ 2 modules comprising:

Knowledge Media Design: CCT372H5, CCT374H5, CCT376H5, CCT414H5, CCT471H5

Immersive Digital Media: CCT381H5, CCT382H5, CCT385H5, CCT480H5, CCT481H5

**After:**

The Interactive Digital Media (IDM) program explores the transformation of knowledge and culture through critical examinations of the social impacts of new and emerging communication and information technologies. **IDM** is run jointly by the Institute of Communication, Culture, Information and Technology (ICIT) at the University of Toronto Mississauga (UTM) and the Faculty of Information (iSchool) at the University of Toronto. By integrating critical communication and information studies, the program confronts information and communications technologies (ICTs) as elements of larger ~~social-technical~~ systems of power. Students engage in debates over digital culture, surveillance and privacy, ~~internet~~ governance and policy, intellectual property, human-computer interaction, information systems design, and the rhetoric of innovation and technological development. IDM takes an interdisciplinary approach to this exploration, addressing telecommunications and other media infrastructure; institutionalized practices of entertainment and sociability; and techniques of data collection, management, and analysis practices. ~~In~~ addition to the CORE courses, students will be required to take an integrated set of upper level courses providing students with the knowledge and skills necessary to design and critique complex technical, political, and cultural responses to the opportunities and dangers of new and enduring information ~~practices.~~ Admissions to the Interactive Digital Media Specialist Program (ERSPE2172) is administratively suspended, and as of 2017-2018, it is no longer offered. Students currently enrolled in the program will be allowed to continue. Within an Honour's degree, 13.0 credits are required. NOTES:

- Students cannot combine the Interactive Digital Media with the CCIT Major program.
- It is your responsibility to ensure that the prerequisites for courses listed in the calendar have been met. Students without the prerequisites can be removed at any time. No waivers will be granted.

Second Year CCT206H5, CCT207H5, CCT208H5, CCT210H5, CCT218H5, CCT219H5, CCT222H5, CCT285H5, CCT286H5

Third and Fourth Year CCT301H5, CCT309H5, CCT341H5, CCT365H5, CCT413H5

+ 2 modules comprising:

Knowledge Media Design: CCT372H5, CCT374H5, CCT376H5, CCT414H5, CCT471H5

Immersive Digital Media: CCT381H5, CCT382H5, CCT385H5, CCT480H5, CCT481H5

**Program #22 ERSPE2273 Commerce (BCom)**

**Rationale for change:** ECO412Y5 is replaced by ECO406H5 and ECO411H5.

**Before:**

Writing Requirements (2.0 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/ 324Y5/ 333Y5/ 336Y5/ 343H5/ 344H5/ 373Y5/ 399Y5/ **412Y5**/ 433H5/ 435H5/ 439Y5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI.  
Writing courses must be in the English language.



**After:**

Writing Requirements (2.0 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/ 324Y5/ 333Y5/ 336Y5/ 343H5/ 344H5/ 373Y5/ 399Y5/ **406H5/ 411H5**/ 433H5/ 435H5/ 439Y5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI.  
Writing courses must be in the English language.

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**Program #23 ERSPE2380 Commerce: Marketing (BCom)**

**Rationale for change:** ECO412Y5 is replaced by ECO406H5 and ECO411H5.

**Before:**

Writing Requirements: (2 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/ 324Y5/ 333Y5/ 336Y5/ 343H5/ 344H5/ 373Y5/ 399Y5/ **412Y5**/ 433H5/ 435H5/ 439H5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI  
Writing credits must be in the English language.

**After:**

Writing Requirements: (2 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/ 322Y5/ 323Y5/ 324Y5/ 333Y5/ 336Y5/ 343H5/ 344H5/ 373Y5/ 399Y5/ **406H5/ 411H5**/ 433H5/ 435H5/ 439H5/ 456H5/ 463H5/ 475H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC350H5); WRI  
Writing credits must be in the English language.

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**Program #24 ERSPE2431 Management**

**Rationale for change:** The note regarding MAT133Y5 was requested by the Dean's Office.

**Before:**

Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:  
- Prerequisite Courses: MGM101H5 (63%), MGM102H5 (63%); ECO100Y5 (63%) in a minimum of 4.0 credits.  
- Cumulative Grade Point Average (CGPA) Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.  
- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits Students applying to Management with transfer credits must meet these requirements:  
  
- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.  
- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for September is made during the Subject POST request periods in March/April. Contact Management Department for ~~dates~~.  
First year (2.0 credits) MGM101H5, 102H5; ECO100Y5  
Upper Years  
- Core courses (1.5 credits): MGT262H5, MGM301H5, 400H5  
- Management Disciplines (6.5 credits): MGM221H5/MGT120H5, MGM222H5, 230H5, 320H5, 332H5, 390H5; MGT252H5, 353H5, 363H5, 371H5, ~~374H5; ECO206Y5/ECO200Y5~~  
- Statistics (0.5 credits): STA218H5  
- Electives (select 1.5 credits): MGT260H5, 452H5, 453H5, 454H5, 455H, 461H5, 480H5, 491H5, 493H5, 494H5; MGD421H5, 422H5, 423H5, GGR252H5

**After:**

Limited Enrolment: Enrolment in this program is limited to students who meet the following criteria:  
- Prerequisite Courses: MGM101H5 (63%), MGM102H5 (63%); ECO100Y5 (63%) in a minimum of 4.0 credits.  
- Cumulative Grade Point Average (CGPA) Each year the Management Department sets a minimum required CGPA. This will vary from year to year and is based, in part, on supply and demand.  
- Courses with a grade of CR/NCR will not count as part of the 4.0 credits required for program entry. Note: Transfer Credits Students applying to Management with transfer credits must meet these requirements:  
  
- The CGPA must meet the cut off in a minimum of 4.0 credits taken at U of T. The CGPA is based on courses taken for credit.  
- The combined CGPA of all courses taken at another institution plus U of T courses must meet the minimum cut off for the year in which you are applying. Application for admission to the program for

September is made during the Subject POST request periods in March/April. Contact Management Department for dates. **IMPORTANT NOTE: Students applying for admission to this program in 2019 will be required to have completed MAT133Y5. (Prospective students should note that Advanced Functions (MHF4U) with a minimum grade 70% is a prerequisite for MAT133Y and will be listed as a requirement for admission to First Year Studies in Management in 2018.)** First year (2.0 credits) MGM101H5, 102H5; ECO100Y5

**(3.0 first year credits will be required in 2018/19 as a result of the addition of MAT133Y5 to this program).**

Upper Years

- Core courses (1.5 credits): MGT262H5, MGM301H5, 400H5

- Management Disciplines (6.5 credits): MGM221H5/MGT120H5, MGM222H5, 230H5, 320H5, 332H5, 390H5; MGT252H5, 353H5, 363H5, 371H5, **374H: ECO205Y5/200Y5**

- Statistics (0.5 credits): STA218H5

- Electives (select 1.5 credits): MGT260H5, 452H5, 453H5, 454H5, 455H, 461H5, 480H5, 491H5, 493H5, 494H5; MGD421H5, 422H5, 423H5, GGR252H5

**NOTE:**

**We recommend that students in the Management Specialist with the required prerequisites consider completing an Economics Minor program.**

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### Program #25 ERSPE2722 Financial Economics (Science)

**Rationale for change:** Required grade (%) for MAT135Y was missing.

**Before:**

First Year ECO100Y5/100Y1; 63% in **MAT134Y5/135Y1/135Y5** or 60% in MAT137Y1/137Y5/157Y1

**After:**

First Year ECO100Y5/100Y1; 63% in **MAT134Y5 or 63% in MAT135Y1/135Y5** or 60% in MAT137Y1/137Y5/157Y1

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### Program #26 Combined Specialist in Environmental Management and MScSM

**Rationale for change:**

**Before:**

Second Year

- Environmental Management Core: ENV201H5

- Social Science/ Humanities Core: 1.5 credits chosen from this list: ANT204Y5, ANT241Y5; ECO200Y5; ENG259H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR267H5, GGR269H5, GGR287H5, GGR288H5; **MAT102H5, MAT133Y5, MAT134Y5, MAT135Y5;**

PHL273H5; **ENV250Y5**

- Science Core: 1.0 credit chosen from this list: BIO201H5, BIO205H5; ERS201H5, ERS202H5, ERS203H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5; **PHY237H5**

- Statistics: 0.5 credit chosen from this list: GGR276H5; STA220H5 or other 200/300-level statistics course with permission from Program Advisor

- Analytical & Research Methods: 0.5 credit chosen from this list: GGR277H5, GGR278H5; STA221H5; or another program-relevant 200/300-level research methods course, with permission of the Program Advisor Third & Fourth Years

- Environmental Management Perspectives: 1.5 credit chosen from this list: ANT357H5; ENV310H5, ENV393H5; HIS308H5, HIS319H5

- Social Economic & Policy Perspectives: 2.0 credits chosen from this list: ANT357H5, ANT368H5, ANT380H5; ECO373Y5; **ENV320H5, ENV345H5,** ENV351H5, ENV420H5, ENV425H5, ENV452H5; GGR318H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR361H5, GGR365H5, GGR370H5, GGR418H5, GGR419H5, GGR426H5, GGR493H5; **GGR321H1;** JGE378H5;

JUG320H1; MGT395H5; PHL373H1; POL343Y5; SOC339H5, SOC349H5, SOC356H5; WRI375H5

- Scientific Perspectives: 0.5 credit chosen from this list: BIO333H5, BIO464H5; ENV495H5, ENV496H5; ERS315H5, ERS321H5; GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR317H5, GGR337H5, GGR374H5, GGR377H5, GGR384H5, GGR484H5; ERS313H5; JGE378H5; SCI395H5, SCI396H5

- Field, Project-Based & Research Perspectives: 1.0 credit chosen from this list: ENV299Y5, ENV331H5,



ENV332H5, ENV399Y5, ENV497H5, ENV498Y5; GGR379H5, GGR389H5; JEG400Y5, JEG401Y5; SCI498H5, SCI499H5; or another program-relevant field, experiential, or research course, with permission of the Program Advisor  
- MScSM Courses: 1.0 credit chosen from this list: SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H; ECO2908H; EES1107H, EES1124H, EES1125H; ENV1002H, ENV1704H, ENV1707H; JPG1407H, JPG1408H; or another program-relevant graduate course with permission of the MScSM Director

**After:**

Second Year  
- Environmental Management Core: ENV201H5  
- Social Science/ Humanities Core: 1.5 credits chosen from this list: ANT204Y5, ANT241Y5; ECO200Y5; ENG259H5; **ENV205H5**; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR267H5, GGR269H5, GGR287H5, GGR288H5; **JEP250Y5**; PHL273H5;  
- Science Core: 1.0 credit chosen from this list: BIO201H5, BIO205H5; ERS201H5, ERS202H5, ERS203H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;  
- Statistics: 0.5 credit chosen from this list: GGR276H5; STA220H5 or other 200/300-level statistics course with permission from Program Advisor  
- Analytical & Research Methods: 0.5 credit chosen from this list: GGR277H5, GGR278H5; STA221H5; or another program-relevant 200/300-level research methods course, with permission of the Program Advisor  
Third & Fourth Years  
- Environmental Management Perspectives: 1.5 credit chosen from this list: ANT357H5; ENV310H5, ENV393H5; HIS308H5, HIS319H5  
- Social Economic & Policy Perspectives: 2.0 credits chosen from this list: ANT357H5, ANT368H5, ANT380H5; ECO373Y5; **ENV310H5, 320H5**, ENV351H5, ENV420H5, ENV425H5, **ENV430H5**, ENV452H5; GGR318H5, **GGR321H1, GGR325H5**, GGR329H5, GGR333H5, GGR348H5, GGR349H5, **GGR353H5**, GGR361H5, GGR365H5, GGR370H5, GGR418H5, GGR419H5, GGR426H5, GGR493H5; **JEP356H5, JEP452H5**; JGE378H5; JUG320H1; MGT395H5; PHL373H1; POL343Y5; SOC339H5, SOC349H5, SOC356H5; WRI375H5  
- Scientific Perspectives: 0.5 credit chosen from this list: BIO333H5, BIO464H5; ENV495H5, ENV496H5; ERS315H5, ERS321H5; GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR317H5, GGR337H5, GGR374H5, GGR377H5, GGR384H5, GGR484H5; ERS313H5; JGE378H5; SCI395H5, SCI396H5  
- Field, Project-Based & Research Perspectives: 1.0 credit chosen from this list: ENV299Y5, **ENV330H5**, ENV331H5, ENV332H5, ENV399Y5, **ENV496H5**, ENV497H5, ENV498Y5; GGR379H5, GGR389H5; JEG400Y5, JEG401Y5; SCI498H5, SCI499H5; or another program-relevant field, experiential, or research course, with permission of the Program Advisor  
- MScSM Courses: 1.0 credit chosen from this list: SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H; ECO2908H; EES1107H, EES1124H, EES1125H; ENV1002H, ENV1704H, ENV1707H; JPG1407H, JPG1408H; or another program-relevant graduate course with permission of the MScSM Director

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**Program #27 Combined Major in Environmental Management and MScSM**

**Rationale for change:**

**Before:**

Second Year  
- Environmental Management Core: ENV201H5  
- Social Science/ Humanities Core: 1.0 credit chosen from this list: ANT204Y5, ANT241Y5; ENG259H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR267H5, GGR269H5, GGR278H5, GGR288H5; PHL273H5; **ENV250Y5**  
- Science Core: 0.5 credit chosen from this list: BIO205H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5; **PHY237H5**  
- Analytical & Research Methods: 0.5 credit chosen from this list: GGR276H5, GGR277H5, GGR278H5; STA220H5; or another program-relevant 200/300-level research methods course, with permission of the Program Advisor  
Third & Fourth Years  
- Environmental Management Perspectives: 1.0 credit chosen from this list: ANT357H5; ENV310H5, ENV393H5; HIS318H5, HIS319H5  
- Social, Economic & Policy Perspectives: 1.5 credit chosen from this list: ANT357H5, ANT368H5, ANT370H5; ECO373H5; ENV310H5, ENV320H5, **ENV345H5**, ENV351H5, ENV420H5, ENV425H5, ENV452H5; GGR318H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR361H5, GGR365H5, GGR370H5, GGR418H5, GGR419H5, GGR425H5, GGR426H5; JGE378H5; MGT394H5; PHL373H1;

POL343Y5; SOC339H5, SOC349H5, SOC356H5; WRI375H5  
 - Scientific Perspectives: 0.5 credit chosen from this list: BIO333H5, BIO464H5; ERS315H5, ERS321H5; GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR317H5, GGR337H5, GGR374H5, GGR377H5, GGR384H5, GGR484H5; ENV496H5, ENV496H5; ERS313H5; JGE378H5; SCI395H5, SCI396H5  
 - Field, Project-Based & Research Perspectives: 0.5 credit chosen from this list: ENV299Y5, ENV331H5, ENV332H5, **ENV399Y5**; GGR379H5, GGR389H5; JEG400Y5, JEG401Y5; or another program-relevant field, project-based or research course, with permission of the Program Advisor  
 - MScSM Courses: 1.0 credit chosen from this list: SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H; ECO2908H; EES1107H, EES1124H, EES1125H; ENV1002H, ENV1704H, ENV1707H; JPG1407H, JPG1408H; or another program-relevant graduate course with permission of the MScSM Director

**After:**

Second Year  
 - Environmental Management Core: ENV201H5  
 - Social Science/ Humanities Core: 1.0 credit chosen from this list: ANT204Y5, ANT241Y5; ENG259H5; **ENV205H5**, GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR267H5, GGR269H5, GGR278H5, GGR288H5; **JEP250Y5**; PHL273H5;  
 - Science Core: 0.5 credit chosen from this list: BIO205H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;  
 - Analytical & Research Methods: 0.5 credit chosen from this list: GGR276H5, GGR277H5, GGR278H5; STA220H5; or another program-relevant 200/300-level research methods course, with permission of the Program Advisor  
 Third & Fourth Years  
 - Environmental Management Perspectives: 1.0 credit chosen from this list: ANT357H5; ENV310H5, ENV393H5; HIS318H5, HIS319H5  
 - Social, Economic & Policy Perspectives: 1.5 credit chosen from this list: ANT357H5, ANT368H5, ANT370H5; ECO373H5; ENV310H5, **ENV311H5**, ENV320H5, ENV351H5, ENV420H5, ENV425H5, **ENV430H5**, ENV452H5; GGR318H5, **GGR325H5**, GGR329H5, GGR333H5, GGR348H5, GGR349H5, **GGR353H5**; GGR361H5, GGR365H5, GGR370H5, GGR418H5, GGR419H5, GGR425H5, GGR426H5; **JEP356H5, JEP452H5**; JGE378H5; MGT394H5; PHL373H1; POL343Y5; SOC339H5, SOC349H5, SOC356H5; WRI375H5  
 - Scientific Perspectives: 0.5 credit chosen from this list: BIO333H5, BIO464H5; ERS315H5, ERS321H5; GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR317H5, GGR337H5, GGR374H5, GGR377H5, GGR384H5, GGR484H5; ENV496H5, ENV496H5; ERS313H5; JGE378H5; SCI395H5, SCI396H5  
 - Field, Project-Based & Research Perspectives: 0.5 credit chosen from this list: ENV299Y5, **ENV330H5**, ENV331H5, ENV332H5, **ENV399Y5, ENV496H5**; GGR379H5, GGR389H5; JEG400Y5, JEG401Y5; or another program-relevant field, project-based or research course, with permission of the Program Advisor  
 - MScSM Courses: 1.0 credit chosen from this list: SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H; ECO2908H; EES1107H, EES1124H, EES1125H; ENV1002H, ENV1704H, ENV1707H; JPG1407H, JPG1408H; or another program-relevant graduate course with permission of the MScSM Director

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# New Courses

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## Course #1 ANT215H5 How Should One Live? An Introduction to the Anthropology of Ethics (SSc)

<b>Description:</b>	Few questions are more obviously important than that which Socrates poses in Plato's Republic: "how should one live?" This course considers the various ways this question has been asked and the answers it has received across a range of very different contexts. It begins with Socrates' address to the Athenian assembly in The Apology and his conclusion that the examined life is the only one worth living. We then turn to the Greek past and the Homeric background against which the reflective life, that Socrates exemplified, stood in stark contrast. With this background in place we will proceed to consider the various ways in which the question of how one should live has been answered across of a range of social settings. Drawing on ethnography as well journalism and documentary film we will consider, for instance, Rastafarianism, Jainism, living "off-grid" in North America, deaf communities in the US, transgenderism, and non-binary gender identity. [24L]
<b>Exclusion:</b>	None
<b>Prerequisite:</b>	None
<b>Corequisite:</b>	None
<b>Recommended Preparation:</b>	ANT102H5
<b>Rationale:</b>	The course aims to fulfill two main functions. First, it will offer an introduction to recent work in the anthropology of ethics. Second, it will provide an opportunity for students across the disciplines to engage with anthropology, broadly conceived, as the investigation of the various ways in which people live.
<b>No. Hours Instruction:</b>	24L
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

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## Course #2 ANT381H5 Special Topics in Sociocultural and Linguistic Anthropology (SSc)

<b>Description:</b>	Special seminar on selected topics in sociocultural and/or linguistic anthropology; focus of topic changes each year. [24L]
<b>Prerequisite:</b>	Appropriate 200-level prerequisite core course requirement(s) will be posted on the departmental website along with the Special Topics title and description prior to course registration.
<b>Rationale:</b>	To provide 300-level options for development of needed new courses with the hiring of new faculty next year (similar to 400-level options that already exist).
<b>No. Hours Instruction:</b>	24L
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

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## Course #3 ANT463H5 Anthropologies of Water: On Meaning, Value, and Futures (SSc)

<b>Description:</b>	Freshwater has become one of the worlds' most sought-after commodities and is said to soon replace oil in terms of its projected value. Scarce, increasingly polluted, and overused, water and the question of how we are to manage this precious resource has moved to center stage for politicians, financiers, bankers, development specialists, and activists all over the world. This class delves into the politics of water from an anthropological perspective through a set of readings that conceptualize water not only as resource but also as meaningful substance, symbol, and mediator of human and non-human relations. We ask how water is understood and managed - privately, as public good, as commons - and how these diverse ways of understanding and managing water have become intensely politicized. Class will consist mainly of discussions of ethnographic readings but also of hands-on class exercises and field trips. There will be at least one required field trip outside of class time (weekends and/or Reading Week) with additional travel costs that students will be required to pay through ancillary fees. See Anthropology department website for more details.  In some years, students may additionally have the option of participating in an international learning experience during Reading Week that will have an additional cost and application process. [24S]
<b>Prerequisite:</b>	ANT204, ANT206

<b>Recommended Preparation:</b>	ANT358H5 and ANT364H5 strongly recommended, priority may be given to those who have these courses depending on class enrollment.
<b>Rationale:</b>	New research topic by existing faculty member with excellent opportunity for experiential involvement.
<b>No. Hours Instruction:</b>	24S
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

*Limited Enrolment and Application Process:* see Anthropology department website for more details.

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#### **Course #4 ANT464H5 The End of Coal: An Ethnographic Approach (SSc)**

**Description:** "Coal is Dead" is a phrase often heard these days, and yet it is quite emphatically not. While coal prices are plunging, countries like China are currently building four coal plants a week. Even Germany, with its enticing promise of the "Energiewende" (Energy Transition) is building new plants and expanding old mines as it phases out nuclear energy. Coal, in other words, is increasingly declared dead even as it is decidedly undead, raising the question of what social, political, cultural, and economic processes make this so-called transition so protracted and piece-meal. Anthropology, which privileges holistic approaches to complex social problems and includes social and cultural in addition to political, economic, and technical factors in its analyses, offers unique tools for us to grasp the social life and afterlife of coal, its histories as a resource, as well as its slow death. Readings will include literature on the history of coal mining and workers' struggle, on how specific forms of resource extraction are foundational to our "carbon democracies," and on how mines have today become sites of hot contestation all over the world. Taken together, this class offers a social and cultural approach to the protracted energy transition and thus ventures deeply into the rapidly emerging field of the "energy humanities." There will be at least one required field trip outside of class time (weekends and/or Reading Week) with additional travel costs that students will be required to pay through ancillary fees. See Anthropology department website for more details.

In some years, students may additionally have the option of participating in an international learning experience during Reading Week that will have an additional cost and application process. [24S]

<b>Prerequisite:</b>	ANT204, ANT206
<b>Recommended Preparation:</b>	ANT358H5 and ANT364H5 strongly recommended, priority may be given to those who have these courses depending on class enrollment.
<b>Rationale:</b>	New research topic by existing faculty member with excellent opportunity for experiential involvement.
<b>No. Hours Instruction:</b>	24S
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

*Limited Enrolment and Application Process:* see Anthropology department website for more details.

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#### **Course #5 CCT295H5 Topics in Communication, Culture, Information and Technology (SSc)**

**Description:** An in depth examination of selected topics in communication, culture, information and technology. Topics vary from year to year, and the content in any given year depends on the instructor. [24L]

<b>Prerequisite:</b>	CCT109H5, CCT110H5
<b>Rationale:</b>	This course will introduce more variety into our curriculum and allow flexibility for providing a venue for new faculty to teach a 2nd year course in their area of specialization. [24L]
<b>No. Hours Instruction:</b>	24L
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

#### **Course #6 CCT387H5 Information and Communication Policy in Global Context (SSc)**

<b>Description:</b>	Advanced topics in information policy, including emerging models of governance and the politics of standards setting bodies and global treaty organizations. [24L, 12T]
<b>Prerequisite:</b>	CCT207H5, CCT218H5, CCT219H5
<b>Rationale:</b>	This course broadens ICCIT offerings.

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

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### **Course #7 CCT407Y5 Advanced Field Experiences in CCIT (SSc)**

**Description:** This course provides students the opportunity to test their skills, immerse themselves within a different cultural or social context and explore communication and technology issues through an intense field experience either in Canada or abroad. The type of field experience varies from year to year and some experiences may evolve through collaborations with other disciplines or through special industry projects. The advanced field experience may involve travel and participation in international conferences or other relevant activities. Students are responsible for travel expenses.

**Exclusion:** CCT409H5

**Prerequisite:** Permission of the ICCIT Director.

**Rationale:** We need a full credit course that aligns with field courses in other departments. This is particularly important for international field experiences and an excellent opportunity for experiential involvement.

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

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### **Course #8 CCT416H5 Social Data Analytics (SSc)**

**Description:** This course highlights the research in analysis for social data and builds skills to undertake those analysis. It is a lab-intensive course intended to build up data analytic skills for novice and intermediate researchers. Students look at recent studies using "big data" which are primarily theoretical, including critiques of data analytics and concerns surrounding data ethics. Students learn a programming language -- Python -- and how to scrape social data, store and collect it, run basic statistics, generate visuals, and create a report based on a project of interest. [24L, 12P]

**Prerequisite:** CCT208H5

**Rationale:** This course has been taught as a topics course by a new faculty member and fits into our curriculum and faculty member's expertise.

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

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### **Course #9 CCT431H5 Drones, Robots, Artificial Intelligence (SSc)**

**Description:** Drones, robots, and artificial intelligence are three interrelated technologies that are changing the most fundamental considerations of how society and sociality should operate. Work, war, consumption, and even love are being reconfigured. This course will address debates concerning the cultural, political, economic, military, and economic considerations surrounding the growing use of these technologies. [24L]

**Prerequisite:** CCT206H5, minimum of 13.0 credits

**Rationale:** Research topic by existing faculty member. The course has been offered as a fourth year topics course for the past two years for students in all of our programs.

**No. Hours Instruction:** 24L  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #10 CCT472H5 Media Archaeology (SSc)**

**Description:** This course examines media as technical objects with specific histories and a contemporary presence. Through historical texts, archival research and hands-on experimentation, old media will be brought to life. Phonographic records players, cassette tape machines, portable radios, and 16-bit video-game consoles are examples of the

kinds of media examined in this course.  
[24L,12T]

**Prerequisite:**

A minimum of 13.0 credits.

**Rationale:**

This course broadens ICCIT offerings to provide an in-depth study of the practice and evolution of audio and video technologies.

**No. Hours**

**Instruction:**

[24L, 12T]

**Offered at St**

**George:**

No

**Revived Course:**

No

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**Course #11 CCT473H5 Career Strategies (SSc)**

**Description:**

In this course students will learn about various challenges that new graduates, future managers, and future executives will face in the workplace. Students will learn the theoretical as well as practical techniques that will help them succeed after graduating from their undergraduate programs. [24L]

**Prerequisite:**

Minimum of 13.0 credits.

**Rationale:**

This course enriches ICCIT offerings directed towards helping students making the transition from their university studies to embarking on a career path.

**No. Hours**

**Instruction:**

[24L]

**Offered at St**

**George:**

No

**Revived Course:**

No

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**Course #12 CCT474H5 Organizational Innovation and Digital Leadership (DEM) (SSc)**

**Description:**

This course investigates innovation strategies in organizations, including characteristics of knowledge intensive firms, open innovation, leading in digital age, design thinking in innovation process with a special emphasis on how they apply to dispersed teams. In addition, other organization in digital age issues will be discussed such as multicultural work place and cohesion, cross-cultural competencies both from a diversity and globalization standpoint. [24L]

**Prerequisite:**

CCT324H5

**Rationale:**

This course broadens ICCIT offerings in the areas of leadership and innovation

**No. Hours**

**Instruction:**

[24L]

**Offered at St**

**George:**

No

**Revived Course:**

No

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**Course #13 ECO406H5 Advanced Public Economics (SSc)**

**Description:**

This course addresses empirical and theoretical issues in public economics. This course will be especially focused on issues related to poverty and inequality. Topics include minimum wage, social mobility, neighborhood effects, welfare, and social insurance. We will also discuss the tools economists use to measure the causal effects of policies, and consider how statistics often presented in policy debates may be biased. After this course, students should be comfortable reading research papers in economics.

**Exclusion:**

ECO412Y5

**Prerequisite:**

ECO200Y5/204Y5/206Y5, 220Y5/227Y5/ STA(250H1,257H5)/STA(257H5/256H5,261H5/260H5)/ STA(257H5/256H5,248H5/258H5)

**Rationale:**

We will no longer be offering 412Y5 and have created two new half courses similar in content that should encourage stronger enrolment.

**No. Hours**

**Instruction:**

24L

**Offered at St**

**George:**

No

**Revived Course:**

No

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**Course #14 ECO411H5 Human Capital and Education in the Economy (SSc)**

<b>Description:</b>	This course addresses empirical and theoretical issues in education economics. Topics will include the interaction of human capital with growth and inequality, teacher incentives and teacher quality, early childhood education, and the racial achievement gap. We will also discuss the tools economists use to measure the causal effects of policies, and consider how statistics often presented in policy debates may be biased. After this course, students should be comfortable reading research papers in economics.
<b>Exclusion:</b>	ECO412Y5
<b>Prerequisite:</b>	ECO200Y5/204Y5/206Y5, 220Y5/227Y5/ STA(250H1,257H5)/STA(257H5/256H5,261H5/260H5)/STA(257H5/256H5,248H5/258H5)
<b>Rationale:</b>	We will no longer be offering 412Y5 and have created two new half courses similar in content that should encourage stronger enrolment.
<b>No. Hours Instruction:</b>	24L
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

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### Course #15 ENV205H5 Sustainable Tourism (SSc)

<b>Description:</b>	Tourism has long been an important industry around the world, but increasingly questions are being raised regarding the social and environmental sustainability of tourism. This course will look at the impacts (both negative and positive) that tourism has on the natural environment, society, and local economies. It will explore how tourism relates to mobility, globalization, recreation and outdoor activity, planning, the environment, cultural identities, protected areas, and wildlife conservation. This course begins with an introduction to tourism more generally and then focuses in on critical perspectives and the development of eco-tourism, cultural tourism, and volunteer tourism. 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. [24L]
<b>Exclusion:</b>	GGR356H1
<b>Recommended Preparation:</b>	ENV100Y5; ENV201H5
<b>Rationale:</b>	Sustainable tourism is receiving increasing attention, in that it seeks to address many of the challenges and negative environmental and social impacts that conventional tourism has caused. we feel it is important to provide students the opportunity to be exposed to these issues and this material. This course will be added to our Environment program requirements.
<b>No. Hours Instruction:</b>	24L
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

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### Course #16 GGR300H5 Special Topics in Human Geography (SSc)

<b>Description:</b>	This course explores a particular area within human geography. Topics will vary from year to year. See department website for details. [24L, 12T]
<b>Prerequisite:</b>	GGR277H5; PI
<b>Rationale:</b>	We offer a fourth year special topics course but found that we needed a special topics course at the third year level to help new faculty introduce new topics and to explore new topics with students prior to adding courses to the academic calendar.
<b>No. Hours Instruction:</b>	24L, 12T
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

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### Course #17 GGR363H5 Global Migration and Health (SSc)

<b>Description:</b>	International migration is an important global issue. Hundreds of millions of individuals currently live outside their country of origin. Most migrants leave their country of origin in search of better economic and social opportunities while others are forced to flee crises including political unrest, violence, and natural disasters. Migration poses numerous challenges for individuals, families, communities and governments including those related to health and access to health care services. This course examines contemporary international migration from a geographic perspective with a specific focus on the complex relationships among global (im)migration, health, and broader
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social determinants of health. Topics covered may include: migration theories, immigration trends and policies, integration and citizenship, social determinants of health, and health care policy. [24L 12T]

**Prerequisite:** GGR353H5  
**Recommended Preparation:** GGR210H5  
**Rationale:** The department currently lacks any courses on immigration within its social geography stream. This course will contribute to filling this significant gap while at the same time responding to student interest in immigration issues.  
**No. Hours Instruction:** 24L, 12T  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #18 IMI201H5 Fundamentals of Marketing (SSc)**

**Description:** An introduction to the fundamentals of market definition, consumer behaviour, and the principal marketing functions: product line development, pricing, distribution, promotion, salesforce management, advertising, research, and planning.  
**Prerequisite:** ECO100Y5  
**Rationale:** New course for the proposed Business Minor program  
**No. Hours Instruction:** 24L  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #19 IMI202H5 Principles of Human Resource Management (SSc)**

**Description:** Human Resource Management involves everything related to the employer-employee relationship and is about supporting and managing the organisation's people and associated processes.  
**Prerequisite:** ECO100Y5  
**Rationale:** New course for the proposed Business Minor.  
**No. Hours Instruction:** 24L  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #20 IMI203H5 Essentials of Accounting: Financial & Managerial (SSc)**

**Description:** Financial accounting revolves around the preparation and understanding of financial statements, including income statements, and balance sheets which help management and other stakeholders understand the state of affairs within an organization. Managerial accounting provides management with information, analysis and reports that support management's decision making.  
**Prerequisite:** ECO100Y5  
**Rationale:** New course for the proposed Business Minor.  
**No. Hours Instruction:** 24L  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #21 IMI301H5 Essentials of Finance (SSc)**

**Description:** Finance uses accounting data to help businesses make decisions about investments and paying for those investments with debt and equity. Elements include risk and return, the time value of money, discounted cash flow, capital markets including stock markets, bond markets, foreign exchange markets and commodity markets.  
**Prerequisite:** ECO100Y5



**Rationale:** New course for the proposed Business Minor program  
**No. Hours Instruction:** 24L  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #22 IMI302H5 Managing Projects, Operations & Preparing a Business Plan (SSc)**

**Description:** Every business needs to formulate the strategies by which it will compete successfully in the market place, and plan for the implementation of these strategies, which may include joint ventures, strategic alliances, etc. This requires operational capabilities, the preparation of business plans and project management skills.  
**Prerequisite:** ECO100Y5  
**Rationale:** New course for the proposed Business Minor program.  
**No. Hours Instruction:** 24L  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #23 IMI303H5 Technology Strategy (SSc)**

**Description:** Businesses typically want to grow and compete. Science oriented businesses rely on innovation, protected by intellectual property rights and patents, to gain and sustain competitive advantage. Entrepreneurial science-based start-up ventures especially need a strong intellectual foundation, and they need to raise capital.  
**Prerequisite:** ECO100Y5  
**Rationale:** New course for the proposed Business Minor program.  
**No. Hours Instruction:** 24L  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #24 MGD430H5 Knowledge Management and Strategy (DEM) (SSc)**

**Description:** Increasingly knowledge is becoming one of the key resources managed by firms and organizations. This course explores the management of knowledge with particular emphasis on the use of digital technologies in capturing, storing and disseminating knowledge, knowledge sharing, and the overall development of knowledge management strategies. [24L]  
**Prerequisite:** CCT324H5  
**Rationale:** The course complements the existing DEM course on Digital Asset Management in recognizing the broader institutional context and overall strategic relevance of knowledge.  
**No. Hours Instruction:** 24L  
**Offered at St George:** No  
**Revived Course:** No

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### **Course #25 MGM360H5 Compensation (SSc)**

**Description:** This course explores the theory and process of developing compensation systems as part of an organization's larger system for managing human potential. The course focuses on the major components of compensation strategy design such as legislation, principles of equity and fairness, job analysis, job evaluation, compensation surveys, benefits and incentives. Current events in relation to compensation are explored. Students will also acquire hands-on experience in building a compensation strategy.  
**Prerequisite:** MGT260H5  
**Rationale:** MGM360H5 replaces ERI360H5 in the Human Resource Management & IR program. ERI360H5 is no longer offered.  
24L

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

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### **Course #26 MGT130H5 Introduction to Personal Finance (SSc)**

**Description:** Personal finance is an essential skill set for today's current economy. Students will be provided with the knowledge and tools to confidently and efficiently manage their finances and guide those around them. Emphasis will be placed on cash flow analysis, asset management, taxation, risk management, retirement planning, and estate planning.

**Rationale:** Student exit surveys, media reports and other anecdotal evidence strongly suggest that financial literacy among university students is lacking, and furthermore that there would be strong interest in a personal finance course. This proposed course, open to all undergraduate students at UTM, is designed to help fill this gap.

**No. Hours**  
**Instruction:** 24L  
**Offered at St** No  
**George:**  
**Revived Course:** No

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### **Course #27 SOC320H5 Criminal Justice Organizations (SSc)**

**Description:** This course uses organizational theory to examine major criminal justice institutions--including police, courts, and prisons. It examines the role of organizational goals, structure, resources, legitimacy, culture, and front-line workers in shaping organization-level decisions about policy and practice. It also examines the interactions, mutual influence, and competition between government, interest groups, and criminal justice institutions that help to initiate and sustain field-wide change. [24L]

**Prerequisite:** SOC205H5/231H5, 209H5, 221H5

**Rationale:** This course will introduce organizational theory to criminology students. It will provide a better understanding of the organizations in which they may one day work, whether these are criminal justice agencies, civil government bureaucracies, or private businesses.

**No. Hours**  
**Instruction:** 24  
**Offered at St** No  
**George:**  
**Revived Course:** No

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### **Course #28 SOC342H5 Sociology of Scandals (SSc)**

**Description:** This course takes up scandals as sociological events: What are the causes of scandals? How are scandals 'made'? How are scandals represented? and What are the consequences of scandals? The course will pay attention to how scandals are made public: Leaks, investigations, whistleblowers, and media reporting, and the framing of events as scandals worth of public condemnation. To do so, this course will focus on scandals among professionals, in the private corporate sector and in government, domestically and worldwide, both current and past. By understanding scandals as sociological events, students will learn to trace how scandals may lead to new organizational, professional, social, cultural, and political responses. [24L]

**Prerequisite:** SOC205H5/231H5, 221H5, 0.5 SOC credit at the 200 level

**Rationale:** The department needs a wider variety of courses that straddle our CLS and SOC programs.

**No. Hours**  
**Instruction:** 24  
**Offered at St** No  
**George:**  
**Revived Course:** No

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### **Course #29 SOC347H5 Sociology of Masculinities (SSc)**

**Description:** In this course students will engage with foundational material on the intersections of gender, sex, and sexuality as they relate to masculinity. This includes foundational work on hegemonic masculinity and multiple masculinities. [24L]

**Exclusion:** SOC345H5 S Special Topics in Sociology: SOC of Masculinities (20171)  
**Prerequisite:** SOC205H5/231H5, 221H5, 0.5 SOC credit at the 200 level  
**Rationale:** This course contributes to our existing suite of Gender courses and also creates another 300 level course to fulfill program requirements.  
**No. Hours Instruction:** 24  
**Offered at St George:** No  
**Revived Course:** No

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### Course #30 SOC364H5 New Directions in Social Inequality (SSc)

**Description:** This course reviews current ways of viewing and researching social inequality. Particular attention will be paid to how foundational work on social inequality connects to contemporary patterns, especially as demonstrated through current research. [24L]  
**Prerequisite:** SOC205H5/231H5, 221H5, 0.5 SOC credit at the 200 level  
**Rationale:** This will be the second teaching-fellowship-for-grad-students course. With topic flexibility in mind, this description is intentionally broad.  
**No. Hours Instruction:** 24  
**Offered at St George:** No  
**Revived Course:** No

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### Course #31 SOC439H5 Research Project in Sociology (SSc)

**Description:** This is a seminar course where students will engage in an independent research project supervised by a faculty member in Sociology. Students will develop a research proposal, conduct independent research, analyze data and present their findings. Admission by academic merit. Interested students entering their fourth (or final) year should submit an application to the Sociology office by the end of March. [24S]  
**Prerequisite:** Fourth (or final) year standing, P.I.  
**Rationale:** To provide our exceptional students an opportunity to pursue advanced research that facilitates entry into graduate school and/or professions.  
**No. Hours Instruction:** 24  
**Offered at St George:** No  
**Revived Course:** No

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### Course #32 SOC440H5 Research Projects in Criminology, Law and Society (SSc)

**Description:** This is a seminar course where students will pursue advanced research supervised by a faculty member in Criminology, Law and Society. Students will develop a research proposal, conduct independent research, analyze data and present their findings. Admission by academic merit. Interested students in their fourth (or final) year should submit an application to the Sociology office by the end of March. [24S]  
**Prerequisite:** Fourth (or final) year standing, P.I.  
**Rationale:** To provide our exceptional students an opportunity to pursue advanced research that facilitates entry into graduate school and/or professions.  
**No. Hours Instruction:** 24  
**Offered at St George:** No  
**Revived Course:** No

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### Course #33 SOC463H5 The Sociology of Disasters (SSc)

**Description:** The modern world leans heavily on the assumption that organizations run smoothly, but often they do not and sometimes the consequences are disastrous. This course draws on a variety of sociological theories and explanatory frameworks to better understand how and why large scale disasters occur. The class will investigate

high risk technologies, issues and problems related to organizational culture, deviance and misconduct, community dynamics and resilience, environmental justice, and social problems related to racialization, gender, class, and other inequalities. [24L]

**Prerequisite:** SOC205H5/231H5, 221H5, 222H5, 1.0 SOC credit at the 300 level

**Rationale:** This course exposes students to a new and rapidly growing area of research in sociology. In addition, the course is relevant to Majors and Specialists in Criminology, Law and Society.

**No. Hours Instruction:** 24

**Offered at St George:** No

**Revived Course:** No

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### Course #34 SOC465H5 Climate Change and Society (SSc)

**Description:** In this course a variety of classical and contemporary sociological perspectives will be deployed to understand the social context, factors and consequences of climate change. Possible topics include the political economy of the environment, environmental refugees, environmental movements, media representations of climate change, the social context and consequences of fracking, the politics of global protocols on carbon emissions, climate justice and social inequality, etc. [24L]

**Prerequisite:** SOC205H5/231H5, 221H5, 222H5, 1.0 SOC credit at the 300 level

**Rationale:** Although environmental sociology is quite well established, sociologists have been relatively slow to address the specific issue of climate change. The topic of climate change is of immense interest to the younger generation and it is hoped that some students will be attracted to this course.

**No. Hours Instruction:** 24

**Offered at St George:** No

**Revived Course:** No

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### Course #35 SOC485H5 Investigation through Study Abroad (SSc)

**Description:** An in-depth examination of selected topics in sociology as part of a UTM Study Abroad experience. During the international experience, students will collect data and observations to use as the basis for a final analytical project. As part of this course, students will have the option of participating in an international learning experience that will have an additional cost and application process. An interview may be required with priority going to Sociology and Criminology, Law and Society Majors and Specialists

**Rationale:** This course will offer students a unique opportunity to deepen their understanding of course material by traveling to a location related to the subject matter, while maintaining the normal semester structure.

**No. Hours Instruction:**

**Offered at St George:** No

**Revived Course:** No

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### Course #36 WRI399Y5 Research Opportunity Program (SSc)

**Description:** This courses provides a richly rewarding opportunity for students in their third year to work in the research project of a professor in return for 399Y course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential Learning Programs for more details.

**Prerequisite:** A minimum of 10.0 credits

**Corequisite:** None

**Recommended Preparation:** None

**Rationale:** Students in this program should have the opportunity of doing an ROP in third year.

**No. Hours Instruction:** N/A

**Offered at St George:** No  
**Revived Course:** No

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### **Course #37 WRI499Y5 Research Opportunity Program (SSc)**

**Description:** This courses provides a richly rewarding opportunity for students in their fourth year to work in the research project of a professor in return for 499Y 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 Learning Programs for more details.

**Prerequisite:** A minimum of 13.0 credits

**Corequisite:** None

**Recommended Preparation:** None

**Rationale:** Students in this program should have an opportunity to do an ROP in 4th year.

**No. Hours Instruction:** N/A

**Offered at St George:** No

**Revived Course:** No

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### **Course #38 utm116H5 utmONE: Happiness (HUM,SSc)**

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

**Exclusion:** utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm117H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5

**Rationale:** utmONE is designed to offer transitional courses on a rotating basis to our incoming students. We have a new faculty members offering new courses beginning next year.

**No. Hours Instruction:** 24L, 12T

**Offered at St George:** No

**Revived Course:** No

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### **Course #39 utm117H5 utmONE: Individualism, The Development Of An Idea (HUM,SSc)**

**Description:** Through an interdisciplinary lens, this course investigates the concept of individualism from its beginnings in antiquity through today. Students will explore the relationships as well as the tensions between the individual and society. As part of this course students will participate in a series of tutorials that will introduce them to essential elements of a holistic student experience (such as career exploration, health and wellness, and co-curricular engagement). [24L, 12T]

**Exclusion:** utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm118H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5

**Rationale:** utmONE is designed to offer transitional courses on a rotating basis to our incoming students. We have a new faculty members offering new courses beginning next year.

**No. Hours Instruction:** 24L, 12T

**Offered at St George:** No

**Revived Course:** No

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### **Course #40 utm118H5 utmONE: Science of Learning (SSc,SCI)**

<b>Description:</b>	This interdisciplinary course encourages students to take ownership of their education through a focus on the process of learning how to learn and by cultivating the habits of mind for lifelong achievement and success. Student will explore theories of learning and research on the strategies students should employ to reach deep understanding. Science of Learning is designed to help students develop their critical thinking, university-level oral and written communication, critical reading, and other foundational academic skills. As part of this course students will participate in a series of tutorials that will introduce them to essential elements of a holistic student experience (such as career exploration, health and wellness, and co-curricular engagement). [24L, 12T]
<b>Exclusion:</b>	utm111H5, utm112H5, utm113H5, utm114H5, utm115H5, utm116H5, utm117H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5
<b>Rationale:</b>	utmONE is designed to offer transitional courses on a rotating basis to our incoming students. We have a new faculty members offering new courses beginning next year.
<b>No. Hours Instruction:</b>	24L, 12T
<b>Offered at St George:</b>	No
<b>Revived Course:</b>	No

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# Courses - Resource Implications

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## Course #1 ANT215H5 How Should One Live? An Introduction to the Anthropology of Ethics

**Resource implications:** Existing faculty will teach this course as part of the regular rotation; TA hires as per existing TA Rationale levels.

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## Course #2 ANT316H5 South Asian Archaeology

**Resource implications:** None.

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## Course #3 ANT335H5 Anthropology of Gender

**Resource implications:** None: UTM Abroad will cover faculty travel and accommodation expense. Students required to pay own travel and accommodation, if choose to participate.

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## Course #4 ANT368H5 World Religions and Ecology

**Resource implications:** In some years this may be the case, so wanted to reflect that in the description.

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## Course #5 ANT381H5 Special Topics in Sociocultural and Linguistic Anthropology

**Resource implications:** New faculty will teach this course as part of the regular rotation; TA hires as per existing TA Rationale levels.

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## Course #6 ANT431H5 Special Problems in Sociocultural and Linguistic Anthropology

**Resource implications:** None.

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## Course #7 ANT433H5 Advanced Seminar in Anthropology

**Resource implications:** None.

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## Course #8 ANT463H5 Anthropologies of Water: On Meaning, Value, and Futures

**Resource implications:** Existing faculty will teach this course as part of the regular rotation; no TAs needed for 4th year courses. Ancillary fees for students engaging in field trips/international experience.

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## Course #9 ANT464H5 The End of Coal: An Ethnographic Approach

**Resource implications:** Existing faculty will teach this course as part of the regular rotation; no TAs needed for 4th year courses. Ancillary fees for students engaging in field trips/international experience.

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## Course #10 CCT204H5 Design Thinking I (SH)

**Resource implications:** None.

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## Course #11 CCT207H5 Introduction to Infrastructure

**Resource implications:** None.

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## Course #12 CCT208H5 Communications Research Methods

**Resource implications:** None

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## Course #13 CCT218H5 Introduction to Information and Society

**Resource implications:** None.

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## Course #14 CCT219H5 Introduction to Policy

Resource implications: None

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**Course #15 CCT226H5 Data Analysis I (DEM)**

Resource implications: None.

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**Course #16 CCT260H5 Web Culture and Design (SH)**

Resource implications: None.

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**Course #17 CCT285H5 Immersive Environment Design**

Resource implications: None

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**Course #18 CCT286H5 Interactive Media Design**

Resource implications: None.

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**Course #19 CCT295H5 Topics in Communication, Culture, Information and Technology**

Resource implications: None. New faculty will teach.

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**Course #20 CCT300H5 Critical Analysis of Media**

Resource implications: None

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**Course #21 CCT304H5 Visual Rhetoric and Digital Environments**

Resource implications: None

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**Course #22 CCT305H5 Design and Implementation of Multimedia Documents (SH)**

Resource implications: None. This is a Sheridan course.

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**Course #23 CCT308H5 Advanced Research Methodologies**

Resource implications: None.

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**Course #24 CCT310H5 Mass Communication and Popular Culture**

Resource implications: None.

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**Course #25 CCT311H5 Game Design and Theory (SH)**

Resource implications: None.

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**Course #26 CCT314H5 Mind, Media and Representation**

Resource implications: None

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**Course #27 CCT321H5 Foundations of Finance and Financial Management (DEM)**

Resource implications: None

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**Course #28 CCT322H5 Marketing Information Products and Services (DEM)**

Resource implications: None

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**Course #29 CCT324H5 Organizational Theory and Behaviour (DEM)**



Resource implications: None.

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**Course #30 CCT333H5 Social Innovation(SH)**

Resource implications: None.

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**Course #31 CCT334H5 History and Theory of Game Production (SH)**

Resource implications: None

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**Course #32 CCT336H5 Comics and Digital Culture (SH)**

Resource implications: None.

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**Course #33 CCT341H5 Introduction to IT Consulting**

Resource implications: None

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**Course #34 CCT351H5 Theory and Practice of Animation (SH)**

Resource implications: None.

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**Course #35 CCT352H5 History and Practice of Design (SH)**

Resource implications: None.

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**Course #36 CCT353H5 Digital Media: Video (SH)**

Resource implications: None. This is a Sheridan course.

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**Course #37 CCT356H5 Online Advertising and Marketing (SH)**

Resource implications: None

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**Course #38 CCT357H5 Digital Media: Photography (SH)**

Resource implications: None. This is a Sheridan course.

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**Course #39 CCT365H5 Surveillance (IDM)**

Resource implications: None

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**Course #40 CCT372H5 Knowledge Media Design: Contexts and Practices (IDM)**

Resource implications: None.

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**Course #41 CCT374H5 Critical Histories of Information Technologies (IDM)**

Resource implications: None

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**Course #42 CCT376H5 Introduction to Modelling Information (IDM)**

Resource implications: None.

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**Course #43 CCT380H5 Human-Computer Interaction and Communication**

Resource implications: None.

---

**Course #44 CCT382H5 Edutainment: Immersive Learning (IDM)**

Resource implications: None.

---

**Course #45 CCT383H5 The Interactive Society**

Resource implications: None

---

**Course #46 CCT384H5 Inclusive Design and Social Responsibility (SH)**

Resource implications: None.

---

**Course #47 CCT386H5 Information Practice in Virtual Worlds: Exploration of Information Environments**

Resource implications: None. Course already in existence.

---

**Course #48 CCT387H5 Information and Communication Policy in Global Context**

Resource implications: None. To be taught by new hire.

---

**Course #49 CCT399Y5 Research Opportunity Program (ROP)**

Resource implications: None

---

**Course #50 CCT401H5 Advanced Thesis Course (DEM)**

Resource implications: None. To be taught by existing faculty.

---

**Course #51 CCT402H5 Creating, Protecting and Managing Digital Artifacts**

Resource implications: None.

---

**Course #52 CCT404H5 Integrative Design Project**

Resource implications: None.

---

**Course #53 CCT406H5 Capstone Design Project (SH)**

Resource implications: None

---

**Course #54 CCT407Y5 Advanced Field Experiences in CCIT**

Resource implications: None. To be offered by existing faculty members.

---

**Course #55 CCT410H5 CCIT Internship I**

Resource implications: None.

---

**Course #56 CCT411H5 CCIT Internship II**

Resource implications: None

---

**Course #57 CCT413H5 Work Integrated Learning (IDM)**

Resource implications: None.

---

**Course #58 CCT416H5 Social Data Analytics**

Resource implications: None

---

**Course #59 CCT420H5 Information Technology and Globalization**

Resource implications: None.

---

**Course #60 CCT424H5 Strategic Innovation (DEM)**

Resource implications: None.

---

**Course #61 CCT431H5 Drones, Robots, Artificial Intelligence**

Resource implications: None

---

**Course #62 CCT457H5 Digital Media: Advanced Photography Production (SH)**

Resource implications: None.

---

**Course #63 CCT460H5 Advanced Web Design (SH)**

Resource implications: None.

---

**Course #64 CCT472H5 Media Archaeology**

Resource implications: None. To be taught by new hire.

---

**Course #65 CCT473H5 Career Strategies**

Resource implications: None. To be taught by new hire.

---

**Course #66 CCT474H5 Organizational Innovation and Digital Leadership (DEM)**

Resource implications: None. To be taught by new faculty.

---

**Course #67 CCT480H5 User Integrated Design for Interaction (IDM)**

Resource implications: None.

---

**Course #68 CCT482H5 Interactive Electronic Design (SH)**

Resource implications: None.

---

**Course #69 CCT483H5 Play, Performance and Community in Digital Games**

Resource implications: None.

---

**Course #70 CCT499Y5 Research Opportunity**

Resource implications: None

---

**Course #71 ECO204Y5 Microeconomic Theory and Applications (for Commerce)**

Resource implications: none

---

**Course #72 ECO318H5 Social and Economic Determinants of Labour Market Outcomes**

Resource implications: Not applicable

---

**Course #73 ECO326H5 Advanced Economic Theory - Micro**

Resource implications: None

---

**Course #74 ECO343H5 Labour Economics and Public Policy**

Resource implications: None

---

**Course #75 ECO344H5 Labour Economics and Market Frictions**

Resource implications: None

---

**Course #76 ECO365H5 International Monetary Economics**

Resource implications: None

---

**Course #77 ECO370Y5 The Economics of Organizations**

Resource implications: None

---

**Course #78 ECO373Y5 The Environment: Perspectives from Economics and Ecology**

Resource implications: none

---

**Course #79 ECO375H5 Applied Econometrics I**

Resource implications: none

---

**Course #80 ECO400Y5 Economics Internship**

Resource implications: none

---

**Course #81 ECO406H5 Advanced Public Economics**

Resource implications: None

---

**Course #82 ECO411H5 Human Capital and Education in the Economy**

Resource implications: None

---

**Course #83 ECO412Y5 Human Capital and Education in the Economy**

Resource implications: none

---

**Course #84 ECO435H5 Growth and Development of the Chinese Economy**

Resource implications: none

---

**Course #85 ECO436H5 Measuring Well Being**

Resource implications: none

---

**Course #86 ECO439Y5 The Economics of Cities & Regions: Productivity, Technology & Jobs**

Resource implications: none

---

**Course #87 ECO440H5 Advanced Topics in Financial Economics**

Resource implications: none

---

**Course #88 ECO475H5 Applied Econometrics II**

Resource implications: none

---

**Course #89 ENV205H5 Sustainable Tourism**

**Resource implications:** This course will require TA support for marking

---

**Course #90 ENV311H5 Environmental Issues in the Developing World**

**Resource implications:** none

---

**Course #91 ENV332H5 Practicum in Environmental Project Management**

**Resource implications:** none

---

**Course #92 ENV431H5 International Sustainability Canada-Mexico**

**Resource implications:** department to cover supervisor travel and there will be ancillary fees added to cover student travel fees.

---

**Course #93 FSC360H5 Evidence, Law and Forensic Science in Canada**

**Resource implications:** None assigned TA hours have always reflected seminar format

---

**Course #94 GGR111H5 Human Geography**

**Resource implications:** none

---

**Course #95 GGR202H5 Geography of Canada**

**Resource implications:** none

---

**Course #96 GGR208H5 Population Geography**

**Resource implications:** NONE

---

**Course #97 GGR267H5 India and South Asia**

**Resource implications:** None

---

**Course #98 GGR277H5 Qualitative Methods in Geography**

**Resource implications:** none

---

**Course #99 GGR288H5 World Fresh Water Resources**

**Resource implications:** deleted web page none

---

**Course #100 GGR300H5 Special Topics in Human Geography**

**Resource implications:** TA Resources

---

**Course #101 GGR329H5 Environment and the Roots of Globalization**

**Resource implications:** deleted web page

---

**Course #102 GGR348H5 The Great Lakes - A Sustainable Natural Resource?**

**Resource implications:** none

---

**Course #103 GGR363H5 Global Migration and Health**

**Resource implications:** the course will require TA support to run weekly tutorials

---

**Course #104 GGR370H5 The Geography of Transportation**

Resource implications: none

---

### **Course #105 GGR385H5 Indigenizing Space and Place**

Resource implications: when the course is offered with an international experience, department would have to cover supervisor travel. Also, ancillary fees for students.

---

### **Course #106 IMI201H5 Fundamentals of Marketing**

Resource implications: In discussions with the Dean's Office.

---

### **Course #107 IMI202H5 Principles of Human Resource Management**

Resource implications: In discussion with the Dean's Office.

---

### **Course #108 IMI203H5 Essentials of Accounting: Financial & Managerial**

Resource implications: In discussions with the Dean's Office.

---

### **Course #109 IMI301H5 Essentials of Finance**

Resource implications: In discussion with the Dean's Office.

---

### **Course #110 IMI302H5 Managing Projects, Operations & Preparing a Business Plan**

Resource implications: In discussions with the Dean's Office.

---

### **Course #111 IMI303H5 Technology Strategy**

Resource implications: In discussion with the Dean's Office.

---

### **Course #112 JAL253H5 Language and Society**

Resource implications: None.

---

### **Course #113 JAL355H5 Language and Gender**

Resource implications: None.

---

### **Course #114 JEG401Y5 Geography / Environment Social Science Internship**

Resource implications: none

---

### **Course #115 MAT133Y5 Calculus and Linear Algebra for Commerce**

Resource implications: None.

---

### **Course #116 MGD415H5 E-Business Strategies**

Resource implications: None.

---

### **Course #117 MGD421H5 Technological Entrepreneurship**

Resource implications: None.

---

### **Course #118 MGD422H5 Management of Technological Innovation**

Resource implications: None.

---

**Course #119 MGD423H5 Technology in Organizations**

Resource implications: None.

---

**Course #120 MGD426H5 Enterprise Risk Management**

Resource implications: None.

---

**Course #121 MGD427H5 Advanced Legal Issues**

Resource implications: None.

---

**Course #122 MGD428H5 Project Management**

Resource implications: None.

---

**Course #123 MGD430H5 Knowledge Management and Strategy (DEM)**

Resource implications: None. To be taught by new hire.

---

**Course #124 MGM101H5 Introduction to Management Functions**

Resource implications: None

---

**Course #125 MGM102H5 Management in a Changing Environment**

Resource implications: None

---

**Course #126 MGM221H5 Accounting Fundamentals I**

Resource implications: None

---

**Course #127 MGM360H5 Compensation**

Resource implications: Part of the load of a new faculty member.

---

**Course #128 MGM364H5 Labour Relations**

Resource implications: None

---

**Course #129 MGM400H5 Strategic Management in a Competitive Environment**

Resource implications: None

---

**Course #130 MGM465H5 Occupational Health & Safety**

Resource implications: None

---

**Course #131 MGM466H5 Training & Development**

Resource implications: None

---

**Course #132 MGT130H5 Introduction to Personal Finance**

Resource implications: We are consulting with the Dean's Office about resources.

---

**Course #133 MGT260H5 Managing Human Potential**

Resource implications: None

---

**Course #134 MGT262H5 Psychology at Work**

Resource implications: None

---

**Course #135 MGT363H5 Designing Effective Organizations**

Resource implications: None

---

**Course #136 MGT414H5 Special Topics in Management**

Resource implications: None

---

**Course #137 MGT420H5 Critical Thinking, Analysis and Decision Making**

Resource implications: None

---

**Course #138 MGT426H5 Advanced Accounting**

Resource implications: None

---

**Course #139 MGT452H5 Advanced Marketing Management**

Resource implications: None

---

**Course #140 MGT461H5 Negotiations**

Resource implications: None

---

**Course #141 MGT480H5 Internship**

Resource implications: None

---

**Course #142 MGT492H5 Introduction to Strategic Management**

Resource implications: None

---

**Course #143 POL203Y5 Politics and Government of the United States**

Resource implications: none

---

**Course #144 POL218Y5 Introduction to Comparative Politics**

Resource implications: none

---

**Course #145 POL242Y5 Methods**

Resource implications: none

---

**Course #146 POL303Y5 The Politics of Islam**

Resource implications: none

---

**Course #147 POL304Y5 Politics of South Asia**

Resource implications: none

---

**Course #148 POL320Y5 Modern Political Thought**



Resource implications: none

---

**Course #149 POL322Y5 Enlightenment and Theocracy**

Resource implications: none

---

**Course #150 POL346Y5 Urban Politics**

Resource implications: none

---

**Course #151 POL355Y5 Multiculturalism and Citizenship**

Resource implications: none

---

**Course #152 POL368H5 Women, Gender and Politics**

Resource implications: none

---

**Course #153 POL438H5 Topics in Comparative Politics**

Resource implications: none

---

**Course #154 POL475H5 Global Environmental and Sustainability Politics**

Resource implications: none

---

**Course #155 POL484Y5 Topics in Political Thought**

Resource implications: none

---

**Course #156 POL485H5 Topics in Political Thought**

Resource implications: none

---

**Course #157 SOC100H5 Introduction to Sociology**

Resource implications: None

---

**Course #158 SOC209H5 Introduction to Criminology, Law and Society**

Resource implications: None

---

**Course #159 SOC221H5 The Logic of Social Inquiry**

Resource implications: None

---

**Course #160 SOC224H5 Sociology of Education**

Resource implications: None

---

**Course #161 SOC231H5 Classical Sociological Theory**

Resource implications: None

---

**Course #162 SOC300H5 Special Topics in Criminology**

Resource implications: None

---

**Course #163 SOC303H5 White-collar and Corporate Crime**

Resource implications: None

---

**Course #164 SOC304H5 Comparative Social Policy**

Resource implications: None

---

**Course #165 SOC307H5 Crime and Delinquency**

Resource implications: None

---

**Course #166 SOC308H5 Sociology of Gun Violence**

Resource implications: None

---

**Course #167 SOC309H5 Sociology of Mass Communication**

Resource implications: None

---

**Course #168 SOC311H5 Special Topics in Law**

Resource implications: None

---

**Course #169 SOC313H5 Crime in Canadian Society**

Resource implications: None

---

**Course #170 SOC316H5 Crime Prevention and Security**

Resource implications: None

---

**Course #171 SOC318H5 Sociology of Mental Health and Mental Disorders**

Resource implications: None

---

**Course #172 SOC320H5 Criminal Justice Organizations**

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

---

**Course #173 SOC322H5 Criminal Justice and Inequality**

Resource implications: None

---

**Course #174 SOC323H5 Law and Society**

Resource implications: None

---

**Course #175 SOC325H5 Developments in Law and Society**

Resource implications: None

---

**Course #176 SOC328H5 Drugs in the City**

Resource implications: None

---

**Course #177 SOC330H5 Immigration and Crime**

Resource implications: None

---

**Course #178 SOC333H5 Sociology of Health Care and Health Policy**

Resource implications: None

---

**Course #179 SOC334H5 Aging and Society**

Resource implications: None

---

**Course #180 SOC335H5 Political Sociology**

Resource implications: None

---

**Course #181 SOC336H5 Social Surveys**

Resource implications: None

---

**Course #182 SOC338H5 Legal Developments in Criminology**

Resource implications: None

---

**Course #183 SOC340H5 Social Change**

Resource implications: None

---

**Course #184 SOC341H5 Contemporary Issues in the Sociology of Work**

Resource implications: None

---

**Course #185 SOC342H5 Sociology of Scandals**

Resource implications: None. The course will be taught by current faculty.

---

**Course #186 SOC344H5 Sociological Approaches to Social Psychology**

Resource implications: None

---

**Course #187 SOC345H5 Special Topics in Sociology**

Resource implications: None

---

**Course #188 SOC346H5 Special Topics in Crime and Law**

Resource implications: None

---

**Course #189 SOC347H5 Sociology of Masculinities**

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

---

**Course #190 SOC349H5 Sociology of Food**

Resource implications: None

---

**Course #191 SOC350H5 Quantitative Analysis**

Resource implications: None

---

**Course #192 SOC354H5 Global Sociology**

Resource implications: None

---

**Course #193 SOC355H5 Sociology of the Professions**

Resource implications: None

---

**Course #194 SOC356H5 Population and Society**

Resource implications: None

---

**Course #195 SOC361H5 Sociology of Organizations**

Resource implications: None

---

**Course #196 SOC362H5 Sex, Gender and Work**

Resource implications: None

---

**Course #197 SOC364H5 New Directions in Social Inequality**

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

---

**Course #198 SOC371H5 Sociology of Punishment**

Resource implications: None

---

**Course #199 SOC375H5 Sociology of International Migration**

Resource implications: None

---

**Course #200 SOC378H5 Law, Crime and Justice (Formerly Law, Crime and Disrepute)**

Resource implications: None

---

**Course #201 SOC379H5 Sociology of Crime**

Resource implications: None

---

**Course #202 SOC382H5 Genocide and Memory**

Resource implications: None

---

**Course #203 SOC384H5 Media Ethics and Policy: Controversies in Mass Communication**

Resource implications: None

---

**Course #204 SOC387H5 Qualitative Analysis**

Resource implications: None

---

**Course #205 SOC402H5 Understanding Human Action**

Resource implications: None

---

**Course #206 SOC404H5 Special Topics in Social Policy**

Resource implications: None

---

**Course #207 SOC410H5 Senior Seminar in Inequality**

Resource implications: None

---

**Course #208 SOC411H5 Senior Seminar in Social Institutions**

Resource implications: None

---

**Course #209 SOC412H5 Senior Seminar in the Sociology of Work**

Resource implications: None

---

**Course #210 SOC413H5 Senior Seminar in the Sociology of Gender**

Resource implications: None

---

**Course #211 SOC414H5 Senior Seminar in Political Sociology**

Resource implications: None

---

**Course #212 SOC416H5 Senior Seminar in the Sociology of Culture**

Resource implications: None

---

**Course #213 SOC417H5 Senior Seminar in the Sociology of Globalization**

Resource implications: None

---

**Course #214 SOC418H5 Senior Seminar in the Sociology of Health**

Resource implications: None

---

**Course #215 SOC420H5 Senior Seminar in Crime and Deviance**

Resource implications: None

---

**Course #216 SOC421H5 Senior Seminar in Criminology**

Resource implications: None

---

**Course #217 SOC423H5 Identity Crime**

Resource implications: None

---

**Course #218 SOC425H5 Gender in Global Contexts**

Resource implications: None

---

**Course #219 SOC429H5 Disability, Politics and Society**

Resource implications: None

---

**Course #220 SOC430H5 Developments in Sociological Theory**

Resource implications: None

---

**Course #221 SOC433H5 Power and Cultural Politics**

Resource implications: None

---

**Course #222 SOC439H5 Research Project in Sociology**

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

---

**Course #223 SOC440H5 Research Projects in Criminology, Law and Society**

Resource implications: None. The course will be taught by current faculty.

---

**Course #224 SOC444H5 Advanced Topics in Sociology**

Resource implications: None

---

**Course #225 SOC445H5 Advanced Topics in Sociology**

Resource implications: None

---

**Course #226 SOC446H5 Advanced Topics in Crime and Law**

Resource implications: None

---

**Course #227 SOC447H5 Advanced Topics in Criminology**

Resource implications: None

---

**Course #228 SOC448H5 Advanced Topics in Socio-Legal Studies**

Resource implications: None

---

**Course #229 SOC450H5 Walls to Bridges: Carceral Seminar (Formerly Inside-Out: Prisons and Punishment)**

Resource implications: None

---

**Course #230 SOC452H5 Contemporary Issues in Higher Education**

Resource implications: None

---

**Course #231 SOC456H5 Senior Seminar in Law and Society**

Resource implications: None

---

**Course #232 SOC457H5 Sociology of Race and Ethnicity**

Resource implications: None

---

**Course #233 SOC459H5 Science, Technology and Society**

Resource implications: None

---

**Course #234 SOC460H5 Migrant Labour**

Resource implications: None

---

**Course #235 SOC463H5 The Sociology of Disasters**

Resource implications: None. The course will be taught by current faculty.

---

**Course #236 SOC465H5 Climate Change and Society**

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

---

**Course #237 SOC475H5 Sociology of Law and Lawyers**

Resource implications: None

---

**Course #238 SOC485H5 Investigation through Study Abroad**

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

---

**Course #239 WRI203H5 Expressive Writing**

Resource implications: None

---

**Course #240 WRI303H5 Specialized Prose**

Resource implications: None.

---

**Course #241 WRI307H5 Science and Writing**

Resource implications: None.

---

**Course #242 WRI310H5 Social and Professional Languages**

Resource implications: None.

---

**Course #243 WRI320H5 History and Writing**

Resource implications: None

---

**Course #244 WRI325H5 Community and Writing**

Resource implications: None

---

**Course #245 WRI330H5 Oral Rhetoric**

Resource implications: None

---

**Course #246 WRI340H5 Critical Reading and Listening**

Resource implications: None

---

**Course #247 WRI360H5 Finance and Writing**

Resource implications: None

---

**Course #248 WRI365H5 Editing: Principles and Practice**

Resource implications: None

---

**Course #249 WRI370H5 Writing about Place**

Resource implications: None

---

**Course #250 WRI380H5 Documentary Scripting and Production for Electronic Media**

Resource implications: None

---

**Course #251 WRI392H5 Research and Writing**

Resource implications: None

---

**Course #252 WRI395H5 Re-linguaging: Writing Across Cultures and Languages**

Resource implications: None

---

---

**Course #253 WRI399Y5 Research Opportunity Program**

Resource implications: None

---

**Course #254 WRI420H5 Making a Book**

Resource implications: None

---

**Course #255 WRI430H5 Journalistic Investigation**

Resource implications: None

---

**Course #256 WRI499Y5 Research Opportunity Program**

Resource implications: None

---

**Course #257 utm111H5 utmONE: Tools of the Trade**

Resource implications: There are no resource implications for the change in description.

---

**Course #258 utm112H5 utmONE: Power of Expression**

Resource implications: There are no resource implications.

---

**Course #259 utm113H5 utmONE: Humans in Nature: Interactions and Impacts**

Resource implications: There are no resource implications.

---

**Course #260 utm114H5 utmONE: Technology and Innovation: Historical, Social and Economic Perspectives**

Resource implications: There are no resource implications.

---

**Course #261 utm115H5 utmONE: Communication Among Cultures**

Resource implications: There are no resource implications.

---

**Course #262 utm116H5 utmONE: Happiness**

Resource implications: There are no resource implications as this course will replace a course that was offered this year.

---

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

Resource implications: None as this course is replacing an existing offering.

---

**Course #264 utm118H5 utmONE: Science of Learning**

Resource implications: There are no resource implications as this course would replace an existing offering.

---

**Course #265 utm290H5 Launching your Research**

Resource implications: As a UTM Abroad course, funding has been secured for this course. We will also be participating in the ancillary budget process for associated student ancillary costs.

---



# Deleted Courses

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## **Course #1 GGR354H5 Geographies of Youth Development**

**Rationale:** Course has not been offered in almost 7 years

---

## **Course #2 GGR381H5 Maps and Empire in the New World, 1500-1800**

**Rationale:** Course has not been offered in almost 10 years

---

## **Course #3 JAL353H5 Discourse Analysis/Conversation Structures**

**Rationale:** The faculty member in Anthropology no longer teaches this course. It never offered in the history of our department. This course is a highly specialized course treating conversational structures exclusively (despite the misleading title). We have no faculty members who can teach such a course, but we do have a faculty member who can teach discourse analysis from a linguistic perspective. We would therefore like to delete this course from our offerings and replace it with LIN353H5 Discourse Analysis

---

## **Course #4 MGT238H5 Financial Markets**

**Rationale:** Course has not been offered for a number of years.

---

## **Course #5 SOC232H5 Contemporary Sociological Theory**

**Rationale:** This course is no longer required to fulfill the requirements of the SOC Major/Specialist programs.

---

# Renumbered Courses

---

## Course #1 ANT433H5 Advanced Seminar in Anthropology

**Before:** *ANT461H5*

**After:** *ANT433H5*

**Rationale:** Since this is the social science version of the science Advanced Seminar course (ANT432H5), it is renumbered from ANT461H5 to ANT433H5 so it's consecutive and immediately follows the science counterpart.

---

## Course #2 ENV311H5 Environmental Issues in the Developing World

**Before:** *ENV345H5*

**After:** *ENV311H5*

**Rationale:** We would like to change the course code for ENV345H5 to ENV311H5 to emphasize to students that there is a content relationship between this course and ENV310H5 Sustainability Imperative, in that both courses have a strong emphasis on sustainability and sustainable development.

---

## Course #3 ENV431H5 International Sustainability Canada-Mexico

**Before:** *ENV331H5*

**After:** *ENV431H5*

**Rationale:** Instructors for ENV331H5 feel that raising the course to a 4th year level because this course requires students with more experience.

---

# Courses - Description Changes

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## Course #1 ANT316H5 South Asian Archaeology

**Before:** This course surveys the archaeology of South Asia (modern-day India, Pakistan, Sri Lanka and northern regions) from the Palaeolithic to the Medieval Period (+200,000 ya to ca. 1600 CE/AD) using a comparative framework. South Asia is a place where many external cultural traditions mixed with indigenous traditions to create new socioeconomic and sociopolitical entities and sequences. While we will examine classic examples of hunter-gatherer groups, early villages, urban settlements, regional polities, and large empires through time, we will also stress the contemporaneity of groups of people with very different lifestyles -- hunter-gatherers participated in trading networks with town and city dwellers, pastoral nomads moved through settled village regions during their annual migrations. The impact of archaeological research on the region today is seen through the politicization of South Asian prehistory and history that has strongly affected both interpretations of the past and modern political events. Cases such as the debate over the identity of the Harappans and the existence of the Aryans will be evaluated from both an archaeological and a political perspective. [24L, **12P**]

**After:** This course surveys the archaeology of South Asia (modern-day India, Pakistan, Sri Lanka and northern regions) from the Palaeolithic to the Medieval Period (+200,000 ya to ca. 1600 CE/AD) using a comparative framework. South Asia is a place where many external cultural traditions mixed with indigenous traditions to create new socioeconomic and sociopolitical entities and sequences. While we will examine classic examples of hunter-gatherer groups, early villages, urban settlements, regional polities, and large empires through time, we will also stress the contemporaneity of groups of people with very different lifestyles -- hunter-gatherers participated in trading networks with town and city dwellers, pastoral nomads moved through settled village regions during their annual migrations. The impact of archaeological research on the region today is seen through the politicization of South Asian prehistory and history that has strongly affected both interpretations of the past and modern political events. Cases such as the debate over the identity of the Harappans and the existence of the Aryans will be evaluated from both an archaeological and a political perspective. [24L, **12T**]

**Rationale:** Change P to T: more representative of the majority of activities done in these sessions.

---

## Course #2 ANT335H5 Anthropology of Gender

**Before:** Survey of the function of gender roles from evolutionary and cultural perspectives. Cross-cultural variation in human sexual behaviour and gender will be examined. [24L]

**After:** Survey of the function of gender roles from evolutionary and cultural perspectives. Cross-cultural variation in human sexual behaviour and gender will be examined. **In some years, 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 Anthropology department website for more details.** [24L]

**Rationale:** Additional text added to reflect the optional international component that students may participate in.

---

## Course #3 ANT368H5 World Religions and Ecology

**Before:** A study of the responses of selected world religious traditions to the emergence of global ecological concerns. Key concepts and tenets of the traditions and their relevance for examination of the environment crisis. [24L]

**After:** A study of the responses of selected world religious traditions to the emergence of global ecological concerns. Key concepts and tenets of the traditions and their relevance for examination of the environment crisis. ***In some years, students may additionally have the option of participating in an international learning experience during Reading Week that will have an additional cost and application process.*** [24L]

**Rationale:** In some years this may be the case, so wanted to reflect that in the description.

---

## Course #4 ANT433H5 Advanced Seminar in Anthropology

**Before:** ~~This fourth-year seminar is designed for anthropology majors and specialists with an interest in socio-cultural and linguistic anthropology. While seminar themes will vary, the aim is to provide a forum in which advanced students interested in graduate school can discuss cutting edge~~ topics in ~~the discipline.~~ [24S]

**After:** **Special** seminar **on selected** topics in **any social science aspect of anthropology, including one or more sub-fields; focus of seminar changes each year.** [24S]

**Rationale:** Since this is the social science version of the science Advanced Seminar course (ANT432H5), it is renumbered from ANT461H5 to ANT433H5 so it's consecutive and immediately follows the science counterpart.

---

## Course #5 CCT204H5 Design Thinking I (SH)

- Before:** An introduction to the basic concepts and skills of design thinking as an interdisciplinary subject. Emphasizes creative and critical thinking in the design process; provides the student with the theory and operational skills necessary to solve design problems in the realms of symbolic and visual communication, material objects, environments, and organized services and activities. [24L, **12T**]
- After:** An introduction to the basic concepts and skills of design thinking as an interdisciplinary subject. Emphasizes creative and critical thinking in the design process; provides the student with the theory and operational skills necessary to solve design problems in the realms of symbolic and visual communication, material objects, environments, and organized services and activities. [24L, **12P**]
- Rationale:** Replacing "T" with "P" to accurately reflect nature of session.
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### Course #6 CCT207H5 Introduction to Infrastructure

- Before:** ~~The communication of information must be designed and this~~ course ~~investigates~~ the ~~methods~~ and ~~processes for doing this~~. It ~~studies~~ the ~~principles~~ and ~~practices~~ of ~~design~~ and the ~~ways~~ of ~~thinking~~ and ~~working that produce innovative approaches, solutions, and services~~. ~~The course highlights the processes of creative and critical thinking in exemplary design and offers students foundational theoretical and practical frameworks.~~
- After:** This course explores how society, culture, and understanding of the human condition influence, and are influenced by, technological development. It focuses on the study of interdependent and institutionalized systems of law, economics, culture and technology, exploring the conditions of stability and instability in these systems. We will survey the available theories and methods for understanding large scale socio-technological systems, including the social construction of technology, technological determinism, and feminist technology studies. [24L, 12P]
- Rationale:** Course title and description have been changed to reflect how course will be taught in the future.
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### Course #7 CCT208H5 Communications Research Methods

- Before:** The course is a critical survey of research methodologies in the field of **communications** and media. A central goal of the course is to train students to collect, manage, analyze and interpret social science research data. **Assessment will be mostly based on the completion of a small-scale research project.** [24L, 12T]
- After:** The course is a critical survey of research methodologies in the field of **communication** and media. A central goal of the course is to train students to collect, manage, analyze and interpret social science research data. [24L, 12T]
- Rationale:** Now that the class has two large sections, basing the assessment mostly on the completion of a small-scale research project is no longer feasible. Moreover, we cover several methods in this course, but a single project only allows for assessment of their knowledge of just one method. (Asking a second year student to conduct a mixed method project adds too much complexity.)
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### Course #8 CCT218H5 Introduction to Information and Society

- Before:** This course provides an opportunity for students to develop an understanding **of** how information is transforming society and shaping a fluid culture. It provides students with the ability to understand the way information technologies are reconfiguring conceptions of representation, community, gender, identity, location, space, and social and cultural narrative and meaning making. The process by which information technology creates new relationships, communities, and identities is explored. During the course students acquire the ability to examine the cultural and social contexts of information and gain an awareness of the different critical methods for studying information systems. [24L, 12T]
- After:** This course provides an opportunity for students to develop an understanding **as to** how information is transforming society and shaping a fluid culture. It provides students with the ability to understand the way information technologies are reconfiguring conceptions of representation, community, gender, identity, location, space, and social and cultural narrative and meaning making. The process by which information technology creates new relationships, communities, and identities is explored. During the course students acquire the ability to examine the cultural and social contexts of information and gain an awareness of the different critical methods for studying information systems. [24L, 12T]
- Rationale:** Course title has been changed to more accurately reflect the course description.
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### Course #9 CCT219H5 Introduction to Policy

- Before:** This course ~~introduces~~ students to the ~~policy dimensions of culture~~. ~~Students will study the theoretical approaches that have informed critical discourses on regulatory structures~~. ~~Students will have the opportunity to analyze the~~ history and development of information policy through the lenses of critical information

studies, critical legal studies, science & technology studies, and ~~culture~~ studies. ~~The class will explore the relationship between~~ information ~~policy on the one hand and culture, community identity, citizen, and economics on the other hand.~~ [24L, ~~12T~~]

**After:** This course provides students with an introduction to the history and development of information policy through the lenses of critical information studies, critical legal studies, science & technology studies, and cultural studies. Students will evaluate how choices about information system design influences the growth and development of institutions and impacts individuals. [24L, **12P**]

**Rationale:** Course title and description have been changed to reflect how course will be taught in the future.

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### Course #10 CCT226H5 Data Analysis I (DEM)

**Before:** This course introduces students to the basic tools of data analysis, most particularly statistics and modeling that are critical for subsequent courses in Marketing and Data Analysis II. Students are introduced to basic principles of descriptive and inferential statistics with a focus on the types of data that they will typically encounter in a digital environment. [24L, **12T**]

**After:** This course introduces students to the basic tools of data analysis, most particularly statistics and modeling that are critical for subsequent courses in Marketing and Data Analysis II. Students are introduced to basic principles of descriptive and inferential statistics with a focus on the types of data that they will typically encounter in a digital environment. [24L, **12P**]

**Rationale:** Replacing "T" with "P" to reflect how session is taught.

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### Course #11 CCT260H5 Web Culture and Design (SH)

**Before:** 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. [~~24L, 12T~~]

**After:** 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. [**36P**]

**Rationale:** Replacing, 24L, 12T to reflect nature of session.

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### Course #12 CCT285H5 Immersive Environment Design

**Before:** ~~This course provides students with the opportunity to learn the skills necessary to produce immersive environments.~~ Students will develop skills in the areas of bitmap/vector graphics, ~~audio/video~~ production and editing, 2D/3D modeling and animation, and video game design. [~~24L, 12T~~]

**After:** Students will develop skills in the areas of bitmap/vector graphics, audio/visual production and editing, 2D/3D modeling and animation, and video game design. Students will produce immersive environments while addressing and engaging issues of remix culture and intellectual property.[24L, **12P**]

**Rationale:** Description has been changed to more accurately reflect how the course is taught.

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### Course #13 CCT286H5 Interactive Media Design

**Before:** This course provides students with the opportunity to learn the skills necessary to produce responsive web content. Students will develop skills in the areas of website design, interactive and animated web content, mobile app development, and mobile game development. [24L, **12T**]

**After:** This course provides students with the opportunity to learn the skills necessary to produce responsive web content. Students will develop skills in the areas of website design, interactive and animated web content, mobile app development, and mobile game development. [24L, **12P**]

**Rationale:** Updating hours of instruction in calendar.

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### Course #14 CCT300H5 Critical Analysis of Media

**Before:** ~~Analytical methods and~~ theoretical concepts ~~from communication and rhetoric~~ will ~~be applied~~ to the ~~analysis of contemporary media (art, film, television, journalism, advertising, and web documents).~~ [24L]

**After:** This course offers an overview of critical theoretical concepts and applies them to contemporary media. Students will use concepts from social theory, media studies and technology studies to critically analyze

the many facets of the evolution and pervasiveness of digital media. [24L]

**Rationale:** The new description highlights a central focus on digital media, which have been at the centre of most core ICCIT courses. Also, it stresses the use of contemporary social theory and media studies rather than approaches such as rhetoric, which are taught in different courses.

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### Course #15 CCT304H5 Visual Rhetoric and Digital Environments

**Before:** This course introduces students to the rhetorical concepts of classical persuasion as they relate to images and visual representations on the web. Students will use rhetorical concepts to interpret, critically analyze, conceptualize and create images to construct a particular argument within a digital context.

**After:** This course introduces students to the rhetorical concepts of classical persuasion as they relate to images and visual representations on the web. Students will use rhetorical concepts to interpret, critically analyze, conceptualize and create images to construct a particular argument within a digital context. [24L, 12T]

**Rationale:** Adding the hours of instruction missing from the calendar.

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### Course #16 CCT305H5 Design and Implementation of Multimedia Documents (SH)

**Before:** 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. [24L, 12T]

**After:** 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. [24L, 12P]

**Rationale:** Replacing "T" with "P" to reflect how session is taught.

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### Course #17 CCT308H5 Advanced Research Methodologies

**Before:** This course provides students with an in-depth study and critical analysis of research methodologies within the discipline of communications and new media. Students will learn to explicitly identify generalizable findings, ethical concerns, study limitations, and new contributions to the field of knowledge using existing studies in qualitative, quantitative and mixed methodologies. Students will also gain experience in identifying and assessing problems within a research design and develop the ability to recommend revisions and/or new contexts and techniques for replicating the studies.

**After:** This course provides students with an in-depth study and critical analysis of research methodologies within the discipline of communications and new media. Students will learn to explicitly identify generalizable findings, ethical concerns, study limitations, and new contributions to the field of knowledge using existing studies in qualitative, quantitative and mixed methodologies. Students will also gain experience in identifying and assessing problems within a research design and develop the ability to recommend revisions and/or new contexts and techniques for replicating the studies. [24L]

**Rationale:** Adding hours of instruction to calendar course description.

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### Course #18 CCT310H5 Mass Communication and Popular Culture

**Before:** How does consumerism affect symbolic production, circulation and transactions? Major modern theories of mass communication will be presented (Fiske, Bourdieu, Benjamin, Jenkins, Frankfurt school, and Marxist approaches). Students will explore new structures of mass communication in relation to popular culture systems, and their economic, technological and institutional dimensions. Topics include Disney, Hollywood, celebrity culture, social media, and user generated content in digital environments. [24L, 12T]

**After:** How does consumerism affect symbolic production, circulation and transactions? Major modern theories of mass communication will be presented (Fiske, Bourdieu, Benjamin, Jenkins, Frankfurt school, and Marxist approaches). Students will explore new structures of mass communication in relation to popular culture systems, and their economic, technological and institutional dimensions. Topics include Disney, Hollywood, celebrity culture, social media, and user generated content in digital environments. [24L]

**Rationale:** Updating hours of instruction in the calendar.

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### Course #19 CCT311H5 Game Design and Theory (SH)

**Before:** This course will address the principles and methodologies behind the rules and play of games. The lectures and practical work will foster a solid understanding of how games function to create experiences, including rule design, play mechanics,

game balancing and the integration of visual, tactile, audio and textual components into games. **[24L, 12P]**

**After:** This course will address the principles and methodologies behind the rules and play of games. The lectures and practical work will foster a solid understanding of how games function to create experiences, including rule design, play mechanics, game balancing and the integration of visual, tactile, audio and textual components into games. **[36L]**

**Rationale:** Updating hours of instruction in calendar.

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### Course #20 CCT314H5 Mind, Media and Representation

**Before:** This course ~~will examine philosophical questions surrounding the nature of representation in language, mind and art.~~ Questions to be examined include: ~~How can one thing represent something else? What is the difference between representation by words and representation by pictures? Do we think in a "language of thought"?~~ [24L, 12T]

**After:** This course applies a variety of theoretical and practical approaches to consider the multiple and often conflicting ways representations in media are produced and consumed. The study of representations is approached from the perspective that they are best understood as both discursive and ideological. Questions to be examined include: What does it mean for historical and contemporary representations to carry economic, ideological and discursive power? To what extent do audiences hold power to resist or negotiate with representations? How might we interrogate the notion that we live in a post-feminist, post-racialized society in which older ideas about gender, race and power no longer apply or need re-thinking? [24L, 12T]

**Rationale:** This description reflects the current course focus and design.

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### Course #21 CCT324H5 Organizational Theory and Behaviour (DEM)

**Before:** Overview of individual and group behaviour in organizations, including motivation, communication, decision making, influence and group dynamics. Examination of major aspects of organizational design including structure, environment, technology, goals, size, inter-organizational relationships, innovation and change. **[24L, 12T]**

**After:** Overview of individual and group behaviour in organizations, including motivation, communication, decision making, influence and group dynamics. Examination of major aspects of organizational design including structure, environment, technology, goals, size, inter-organizational relationships, innovation and change. **[24L]**

**Rationale:** Updating hours of instruction in the calendar.

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### Course #22 CCT333H5 Social Innovation(SH)

**Before:** 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.

**After:** 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. **[36L]**

**Rationale:** Adding hours of instruction to calendar.

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### Course #23 CCT334H5 History and Theory of Game Production (SH)

**Before:** This course will examine the principles, theory and practice behind the production of games. By examining the history and contributions of early founders such as Atari and Activision, all the way to present-day leaders such as Electronic Arts and Sony, students will gain an understanding of how the global video game industry operates. The lectures and practical work will foster an approach to the understanding of game production issues including technology, law, marketplace and audience demand.

**After:** This course will examine the principles, theory and practice behind the production of games. By examining the history and contributions of early founders such as Atari and Activision, all the way to present-day leaders such as Electronic Arts and Sony, students will gain an understanding of how the global video game industry operates. The lectures and practical work



will foster an approach to the understanding of game production issues including technology, law, marketplace and audience demand. **[36L]**

**Rationale:** Adding hours of instruction to calendar.

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### Course #24 CCT336H5 Comics and Digital Culture (SH)

**Before:** Examining the medium of comics and graphic novels and its evolution in an era of digital production and dissemination. Starting from a foundational understanding of the visual grammar of comics, students create their own graphic narratives and later explore the dynamics of digital dissemination by creating viral and memetic content for an Internet audience.

**After:** Examining the medium of comics and graphic novels and its evolution in an era of digital production and dissemination. Starting from a foundational understanding of the visual grammar of comics, students create their own graphic narratives and later explore the dynamics of digital dissemination by creating viral and memetic content for an Internet audience.

**[36L]**

**Rationale:** Adding hours of instruction to calendar.

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### Course #25 CCT341H5 Introduction to IT Consulting

**Before:** ~~Increasingly work projects and work teams are spread across geographic boundaries and collaboration must be mediated. Computer Supported Collaborative Work (CSCW) is a major area of design and research across many disciplines and contexts. This class takes a theoretical and practical approach to computer supported collaboration by placing students in interdisciplinary teams across traditional geographic boundaries. The class will be focused on project based learning and will look at key literatures in CSCW and project management. [24L, 12T]~~

**After:** Information Technology (IT) Consulting is a growing profession that embodies the use of computer-supported collaborative tools in the execution of business functions. In this course students engage with the principles of Computer Supported Co-operative Work (CSCW) through an experiential opportunity to work with a real client. Students create an IT Consulting company and take on the role of consultants, learning core skills (soft and hard) necessary for this profession, including client management, communication, ideation, analysis and solution development, project management, presentation skills, and web design. Using case studies we discuss consulting lessons learned and problems to avoid within the context of industry best practices. [36L]

**Rationale:** This class was originally designed for IDM but will no longer be a part of the redesign. 2) We attempted to achieve the existing goal of the course which was to present students with an opportunity to work in geographically dispersed teams to solve a problem (see existing course description). This proved very difficult to arrange and is not sustainable for a course. 3) For the past 3 years we have taught this class within the context of consulting in digital industries we feel that the title should more accurately reflect the course content which includes Computer Supported Co-operative Work theories and concepts, an experiential opportunity to work with a real client, project management, and basic web design. We also bring consultants in as guest speaker in one class. The course is currently very appealing to DEM and CCIT students.

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### Course #26 CCT351H5 Theory and Practice of Animation (SH)

**Before:** This course introduces the student to the history of animation from the earliest exploration of the animated image in the early 1900's to the most current computer, traditional and web-based practices. This course will focus on important stylistic, narrative and technological developments. **[24L, 12T]**

**After:** This course introduces the student to the history of animation from the earliest exploration of the animated image in the early 1900's to the most current computer, traditional and web-based practices. This course will focus on important stylistic, narrative and technological developments. **[36L]**

**Rationale:** Updating hours of instruction for calendar.

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### Course #27 CCT352H5 History and Practice of Design (SH)

**Before:** 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. **[24L, 12T]**

**After:** 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. **[36L]**

**Rationale:** Updating hours of instruction for calendar.

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## Course #28 CCT353H5 Digital Media: Video (SH)

- Before:** 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. **[24L, 12T]**
- After:** 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. **[48P]**
- Rationale:** To provide more studio time. There is basically a limit to studio time right now and the course consistently goes on to the last moment. Four hours would be a more natural workflow. Updating hours of instruction for calendar.
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## Course #29 CCT356H5 Online Advertising and Marketing (SH)

- Before:** 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. **[24L]**
- After:** 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. **[36L]**
- Rationale:** Updating hours of instruction in calendar.
- 

## Course #30 CCT357H5 Digital Media: Photography (SH)

- Before:** 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. **[24L, 12T]**
- After:** 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. **[48P]**
- Rationale:** To provide more studio time. There is basically a limit to studio time right now and the course consistently goes on to the last moment. Four hours would be a more natural workflow. Updating hours of instruction for calendar.
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## Course #31 CCT365H5 Surveillance (IDM)

- Before:** ~~*Surveillance*~~ has become an everyday facet of modern ~~*life, and a foundational structure of*~~ social, political, and technological interrelationships. ~~*Studying surveillance*~~ can help us more effectively ~~*understand how*~~ power, identity, persuasion, and control ~~*operate in modern life.*~~ This course will ~~*integrate theory (economic, political, and social)*~~ and ~~*case*~~ studies to ~~*investigate how*~~ data, ~~*economics, militarism, policy, identity, visibility, fear, desire, and risk*~~ ~~*all interoperate*~~ in a global context to ~~*create and mediate*~~ the ~~*world we live in.*~~ [24L, 12T]
- After:** *From the Orwellian Big Brother to Foucault's panopticon, surveillance* has become an everyday facet of modern *life. From a surveillance studies perspective surveillance can be applied as a framework for understanding* social, political, and technological interrelationships. *This framework* can help us *study* more effectively power, identity, persuasion, and control *associated with the spread of Information Communication Technologies (ICT's).* This course will *introduce students to viewpoints, vision and visibility in surveillance studies. The class will look at a range of topics from information politics, identification, privacy, security, suspicion, social sorting, bodies, borders and biometrics to explore a range of perspectives under the surveillance studies umbrella. It will introduce students to key issues surrounding data, discrimination, and visibility in a global context to undercover the watched world.* [24L, 12T]
- Rationale:** To better reflect what is being taught in the course.
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## Course #32 CCT372H5 Knowledge Media Design: Contexts and Practices (IDM)

- Before:** Knowledge media are systems incorporating computer and communications technology that enhance human thinking, creativity, communication, collaboration, and learning. This course reviews the emerging field of knowledge media design and the use of digital media for communication, collaboration, and learning. The course includes topics in human-centred design; knowledge media technologies; social implications of knowledge media; examples and applications of knowledge media; and the future of knowledge media, and is organized via themes of design, media, and knowledge. **[24L,**

## 12T]

**After:** Knowledge media are systems incorporating computer and communications technology that enhance human thinking, creativity, communication, collaboration, and learning. This course reviews the emerging field of knowledge media design and the use of digital media for communication, collaboration, and learning. The course includes topics in human-centred design; knowledge media technologies; social implications of knowledge media; examples and applications of knowledge media; and the future of knowledge media, and is organized via themes of design, media, and knowledge. [24L]

**Rationale:** Updating hours of instruction in calendar.

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### Course #33 CCT374H5 Critical Histories of Information Technologies (IDM)

**Before:** The course ~~covers understanding the context in which knowledge media are introduced, understanding the team, group, or work setting for designing collaborative knowledge media. We also explore different techniques for understanding and designing for the individual who uses or engages with knowledge media. Techniques and tools are drawn from a range of design perspectives including traditional user centered design, participatory design, engineering, and industrial design. The appropriateness of each technique and tool for different design problems and settings is discussed and the course concludes with an examination of the development of new techniques and tools for new design challenges.~~ [24L, 12T]

**After:** The course approaches current information and communication technologies from critical and historical perspectives. It investigates the interests, motives and tactics of news media, pop culture producers, amateurs, universities, corporations, and governments in promoting, sustaining, and interpreting information and communication systems. It also asks how the focus will be on media and information technologies, more theoretical or methodological readings will necessarily cover other systems. Case studies may include investigations of orality, writing, the printing press, industrialized printing, and electronic media from the telegraph and the telephone to broadcasting and the internet. [24L, 12T]

**Rationale:** Course title and description have been changed to reflect how course will be taught in the future.

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### Course #34 CCT376H5 Introduction to Modelling Information (IDM)

**Before:** ~~The analysis and modelling of information is key to being able to develop appropriate information architectures for organizations in particular and society as a whole. Students explore the modelling and analysis of information from a conceptual, technical and practical perspective.~~ [24L, 12T]

**After:**

**Rationale:**

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### Course #35 CCT380H5 Human-Computer Interaction and Communication

**Before:** The emphasis in this course will be on theoretical, methodological, and empirical issues in the study of Human-Computer Interaction. Intelligent interface designs, usability assessment, user modeling and the accessibility of the technology for the disabled are among the topics to be examined. Related behavioural investigations concerning the ease and efficiency of users' interactions with computerized environments will also be discussed. [24L, 12T]

**After:** The emphasis in this course will be on theoretical, methodological, and empirical issues in the study of Human-Computer Interaction. Intelligent interface designs, usability assessment, user modeling and the accessibility of the technology for the disabled are among the topics to be examined. Related behavioural investigations concerning the ease and efficiency of users' interactions with computerized environments will also be discussed. [24L, 12P]

**Rationale:** Updating hours of instruction in the calendar.

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### Course #36 CCT382H5 Edutainment: Immersive Learning (IDM)

**Before:** In this course, students will be introduced to Multimedia Knowledge Management by working on and building a prototype of an educational interactive knowledge game. Addressing issues of Digital Media design, students in collaborative groups will develop and/or employ appropriate research methodologies, read relevant material to design the game flow, create characters, and design storyboards / wireframes. Students will identify an educational need, define requirements, and develop a web-based interactive game to meet them. Students will conduct iterative usability testing and finally build a website featuring their semi-functional prototype. The course does not require programming experience, but a familiarity with web design, image rendering, and animation software could be an asset. [24L, 12T]

**After:** In this course, students will be introduced to Multimedia Knowledge Management by working on and building a prototype of an educational interactive knowledge game. Addressing issues of Digital Media design, students in collaborative groups will develop and/or employ appropriate research methodologies, read relevant material to design the game flow, create characters, and design storyboards / wireframes. Students will identify an educational need, define requirements, and develop a web-based interactive game to meet them. Students will conduct iterative usability testing and finally build a

website featuring their semi-functional prototype. The course does not require programming experience, but a familiarity with web design, image rendering, and animation software could be an asset. [24L]

**Rationale:** Updating hours of instruction in the calendar.

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### Course #37 CCT384H5 Inclusive Design and Social Responsibility (SH)

**Before:** The course provides an overview of inclusive design, a paradigm that empowers people of all ages and abilities. By analyzing products, buildings and communities from an inclusive perspective and making the needs of people the central focus of the design process this new paradigm seeks to develop form from function to increase the usefulness and responsiveness of our physical world for a wider and more diverse range of people. [24L, 12T]

**After:** The course provides an overview of inclusive design, a paradigm that empowers people of all ages and abilities. By analyzing products, buildings and communities from an inclusive perspective and making the needs of people the central focus of the design process this new paradigm seeks to develop form from function to increase the usefulness and responsiveness of our physical world for a wider and more diverse range of people. [36L]

**Rationale:** Updating hours of instruction for calendar.

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### Course #38 CCT386H5 Information Practice in Virtual Worlds: Exploration of Information Environments

**Before:** From Webkinz to World of Warcraft, in the past decade immersive, 3D gaming environments have driven the technological and social development of virtual worlds. With or without the gaming aspects, virtual worlds have the potential to support a wide variety of activities related to information creation, distribution, reception, and 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 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. [24L, 12T]

**After:** From Webkinz to World of Warcraft, in the past decade immersive, 3D gaming environments have driven the technological and social development of virtual worlds. With or without the gaming aspects, virtual worlds have the potential to support a wide variety of activities related to information creation, distribution, reception, and 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 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. [24L, 12T]

**Rationale:** Going back to the original course name and description as per 2016-2017 calendar.

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### Course #39 CCT401H5 Advanced Thesis Course (DEM)

**Before:** A student initiated ~~reading and~~ research course carried out under the supervision of a faculty member. Students will carry out a research project on a selected topic of their choice which is related to Digital Enterprise Management. Students must obtain permission from ~~the~~ faculty member who they would like to have as their ~~supervisor~~.

**After:** A student initiated research course carried out under the supervision of a faculty member. Students will carry out a research project on a selected topic of their choice which is related to their specific program focus in Digital Enterprise Management. Students will meet as a group for selected seminars that will focus on advanced research skills and thesis writing. Students must develop a research proposal and obtain permission from a faculty member who they would like to have as their supervisor before they are approved for the course. [24S]

**Rationale:** There were too many students seeking supervision from faculty. This course is to provide our exceptional students an opportunity to pursue an advanced research course preparing them for graduate school,

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### Course #40 CCT402H5 Creating, Protecting and Managing Digital Artifacts

**Before:** Digital artifacts play an increasingly important role in our society. It is essential that in the digitization of these artifacts appropriate attention is paid to their representation, protection and management. Students will review the theories and practices of representation. They will investigate the technologies associated with the storage of digital artifacts as well as investigating appropriate legal perspectives. This varied knowledge will be integrated into a study of best practices in the management of digital artifacts.

**After:** Digital artifacts play an increasingly important role in our society. It is essential that in the digitization of these artifacts appropriate attention is paid to their representation, protection and management. Students will review the theories and

practices of representation. They will investigate the technologies associated with the storage of digital artifacts as well as investigating appropriate legal perspectives. This varied knowledge will be integrated into a study of best practices in the management of digital artifacts. **[24L]**

**Rationale:** Adding hours of instruction to calendar.

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### Course #41 CCT404H5 Integrative Design Project

**Before:** This project-based course aims to demonstrate how ~~design principles~~ can ~~be creatively applied~~ to solving problems in areas as varied as business, health care delivery, urban planning and development. ~~Students will study current thinking and practice in design-based approaches to problem solving through seminars, field-based research and a major integrative project. This course is particularly appropriate for DEM and VCC specialist students.~~ [36L]

**After:** This project-based course aims to demonstrate how collaboration is a critical capability often overlooked. During the course students will integrate their learning and experience and first hand see how, in combination with collaboration it can lead to creatively solving problems in areas as varied as business, health care delivery, urban planning and development. In addition to lectures, students will have the benefit of a series of guest lecturers. A large, group based project will serve to integrate learning and allow students the benefit of experiential learning. [36L]

**Rationale:** The description of this course has been changed to better reflect what has been taught in the past few years.

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### Course #42 CCT406H5 Capstone Design Project (SH)

**Before:** An applied project-based capstone course in which groups will be paired with an identified client with real-life needs in digital media creation. Students will work in small cross-functional teams to develop and present proposals to client representatives and a panel of industry experts. Students will also be taught the arts of networking, proposal writing and project management.

**After:** An applied project-based capstone course in which groups will be paired with an identified client with real-life needs in digital media creation. Students will work in small cross-functional teams to develop and present proposals to client representatives and a panel of industry experts. Students will also be taught the arts of networking, proposal writing and project management. **[36P]**

**Rationale:** Adding hours of instruction in calendar.

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### Course #43 CCT410H5 CCIT Internship I

**Before:** This course is a practical internship and is available only upon application from students registered in the CCIT/DEM programs. Through a placement, students will apply the expertise in communication, culture, and information technology that they have gained through previous courses. Students must plan well in advance for the placement and work closely with the placement officer for CCIT to determine eligibility and suitability. A report and presentation will be required at the end of the placement. These, along with the employer's assessment, will provide the main part of the course mark.

**After:** This course is a practical internship and is available only upon application from students registered in the CCIT/DEM programs. Through a placement, students will apply the expertise in communication, culture, and information technology that they have gained through previous courses. Students must plan well in advance for the placement and work closely with the placement officer for CCIT to determine eligibility and suitability. A report and presentation will be required at the end of the placement. These, along with the employer's assessment, will provide the main part of the course mark.

**[14S]**

**Rationale:** Updating hours of instruction in calendar.

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### Course #44 CCT411H5 CCIT Internship II

**Before:** This course is a practical internship and is available upon application from students registered in any CCIT program who have completed CCT410H5. The course is intended for students who have the opportunity to continue their CCT410H5 internship for a second semester. A report and presentation will be required at the end of the placement. These, along with the employer's assessment, will provide the main part of the course mark.

**After:** This course is a practical internship and is available upon application from students registered in any CCIT program who have completed CCT410H5. The course is intended for students who have the opportunity to continue their CCT410H5 internship for a second semester. A report and presentation will be required at the end of the placement. These, along with the employer's assessment, will provide the main part of the course mark. **[12S]**

**Rationale:** Updating hours of instruction in calendar.

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### Course #45 CCT413H5 Work Integrated Learning (IDM)

<b>Before:</b>	This course provides students with the opportunity to apply disciplinary-based knowledge to practical problems in the real work world. Students will complete a minimum of 100 hours of project work through one of the following: an unpaid internship, a faculty research project, a not-for-profit or an industry-based project. The objective is for students to integrate discipline-based content with real world problems while developing professional acumen. Students will be required to keep a reflective learning journal based on their personal, professional and intellectual growth, as well as produce a final report on the completion of their placement or project.
<b>After:</b>	This course provides students with the opportunity to apply disciplinary-based knowledge to practical problems in the real work world. Students will complete a minimum of 100 hours of project work through one of the following: an unpaid internship, a faculty research project, a not-for-profit or an industry-based project. The objective is for students to integrate discipline-based content with real world problems while developing professional acumen. Students will be required to keep a reflective learning journal based on their personal, professional and intellectual growth, as well as produce a final report on the completion of their placement or project. <b><i>This course is designed for students in the Interactive Digital Media Specialist program only. [14S]</i></b>
<b>Rationale:</b>	Updating hours of instruction in calendar.

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### Course #46 CCT420H5 Information Technology and Globalization

<b>Before:</b>	The variety of ways in which various information technologies influence and are influenced by globalization will be critically examined. The class will explore metaphors or ways of thinking about society and technology to critically examine the complex process and the diverse consequences of globalization. Topics may shift focus yearly but will include the economy, culture, politics, social movements, migration, social identity, war and global conflict, etc.
<b>After:</b>	The variety of ways in which various information technologies influence and are influenced by globalization will be critically examined. The class will explore metaphors or ways of thinking about society and technology to critically examine the complex process and the diverse consequences of globalization. Topics may shift focus yearly but will include the economy, culture, politics, social movements, migration, social identity, war and global conflict, etc. <b><i>[24L]</i></b>
<b>Rationale:</b>	Adding hours of instruction to the calendar.

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### Course #47 CCT424H5 Strategic Innovation (DEM)

<b>Before:</b>	An indepth study of the development of innovative strategies for organizations with an emphasis on digital enterprises. The nature of strategic innovation will be studied and a variety of analytic frameworks introduced. Concepts will be explored through a combination of lectures and case studies. <b><i>[24L, 12T]</i></b>
<b>After:</b>	An indepth study of the development of innovative strategies for organizations with an emphasis on digital enterprises. The nature of strategic innovation will be studied and a variety of analytic frameworks introduced. Concepts will be explored through a combination of lectures and case studies. <b><i>[24L]</i></b>
<b>Rationale:</b>	Updating hours of instruction in the calendar.

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### Course #48 CCT457H5 Digital Media: Advanced Photography Production (SH)

<b>Before:</b>	This course focuses on advanced theoretical and practical aspects of digital image production and editing. Production techniques, professional practices and workflows, the relationship of form to content, and digital darkroom strategies will be investigated. Over the course of the term students will work individually and in teams to create and edit images using professional grade digital technologies. <b><i>[24L, 24P]</i></b>
<b>After:</b>	This course focuses on advanced theoretical and practical aspects of digital image production and editing. Production techniques, professional practices and workflows, the relationship of form to content, and digital darkroom strategies will be investigated. Over the course of the term students will work individually and in teams to create and edit images using professional grade digital technologies. <b><i>[48P]</i></b>
<b>Rationale:</b>	Updating hours of instruction in calendar.

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### Course #49 CCT460H5 Advanced Web Design (SH)

<b>Before:</b>	This course builds on the client-side web development skill of the Intermediate Web Design courses by adding a server-side programming and database design component. Students will learn the theoretical and practical aspects of implementing a database including data modelling, development, communication and security. Additionally, server-side programming will be introduced as a means of communication and interaction between client-side web pages and database data, allowing students to develop a dynamic database driven website. <b><i>[24L, 12P]</i></b>
<b>After:</b>	



This course builds on the client-side web development skill of the Intermediate Web Design courses by adding a server-side programming and database design component. Students will learn the theoretical and practical aspects of implementing a database including data modelling, development, communication and security. Additionally, server-side programming will be introduced as a means of communication and interaction between client-side web pages and database data, allowing students to develop a dynamic database driven website. **[36P]**

**Rationale:** Updating hours of instruction in calendar.

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### **Course #50 CCT480H5 User Integrated Design for Interaction (IDM)**

**Before:** The course investigates how people interact with digital systems to enable the production of quality design from the perspective of the user. The course examines how interactive systems are conceptualized, designed, implemented, and deployed to meet users' needs. Students will be also acquire the capacity to evaluate systems and to critically assess different HCI methods and approaches. It begins by developing an understanding of usability and focuses on enabling students to acquire an understanding of the user-centred design process (e.g. user studies, prototyping, and evaluation). **[24L, 12T]**

**After:** The course investigates how people interact with digital systems to enable the production of quality design from the perspective of the user. The course examines how interactive systems are conceptualized, designed, implemented, and deployed to meet users' needs. Students will be also acquire the capacity to evaluate systems and to critically assess different HCI methods and approaches. It begins by developing an understanding of usability and focuses on enabling students to acquire an understanding of the user-centred design process (e.g. user studies, prototyping, and evaluation). **[24L, 12P]**

**Rationale:** Updating hours of instruction in calendar.

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### **Course #51 CCT482H5 Interactive Electronic Design (SH)**

**Before:** This course investigates the emerging field of critical making, which encourages students to approach social, communication and cultural issues through material engagement versus the literal and oral media more traditionally used in social science research. Students will not only explore core tensions and challenges regarding technology's role and influence in society, but engage these challenges directly through the design and physical creation of alternative technological prototypes. Basic mechanics, electronics and programming will be taught, with an understanding that thinking materially is rare for many most social science students. No previous knowledge is assumed. **[24L, 12T]**

**After:** This course investigates the emerging field of critical making, which encourages students to approach social, communication and cultural issues through material engagement versus the literal and oral media more traditionally used in social science research. Students will not only explore core tensions and challenges regarding technology's role and influence in society, but engage these challenges directly through the design and physical creation of alternative technological prototypes. Basic mechanics, electronics and programming will be taught, with an understanding that thinking materially is rare for many most social science students. No previous knowledge is assumed. **[36L]**

**Rationale:** Updating hours of instruction in calendar.

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### **Course #52 CCT483H5 Play, Performance and Community in Digital Games**

**Before:** Students will explore the complex relationship between games and play. Starting with an overview of the major play theories, students will learn how cognitive, philosophical and social theories of play are used to guide and inform game design. The increasingly prominent role of the player in the co-creation and performance of digital games will be examined. Students will also explore the emergences of player communities and consider the various issues that this introduces into design and management process, including important new questions about governance, player and creative freedoms, and immaterial labour.

**After:** Students will explore the complex relationship between games and play. Starting with an overview of the major play theories, students will learn how cognitive, philosophical and social theories of play are used to guide and inform game design. The increasingly prominent role of the player in the co-creation and performance of digital games will be examined. Students will also explore the emergences of player communities and consider the various issues that this introduces into design and management process, including important new questions about governance, player and creative freedoms, and immaterial labour. **[24L]**

**Rationale:** Adding hours of instruction to calendar.

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### **Course #53 ECO204Y5 Microeconomic Theory and Applications (for Commerce)**

**Before:** The course uses microeconomics to analyze a variety of issues from marketing and finance to organizational structure. Topics include consumer preferences and behaviour; demand, cost analysis and estimation; allocation of inputs, pricing and firm behaviour under perfect and imperfect competition; game theory and public policy, including competition policy.

Business cases are used to connect theory and practice and to highlight differences and similarities between economics and accounting, marketing and finance. This course is restricted to students in the B.Com. program. [48L, **24T**]

**After:** The course uses microeconomics to analyze a variety of issues from marketing and finance to organizational structure. Topics include consumer preferences and behaviour; demand, cost analysis and estimation; allocation of inputs, pricing and firm behaviour under perfect and imperfect competition; game theory and public policy, including competition policy. Business cases are used to connect theory and practice and to highlight differences and similarities between economics and accounting, marketing and finance. This course is restricted to students in the B.Com. program. [48L, **24T, P24**]

**Rationale:**

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### Course #54 ECO318H5 Social and Economic Determinants of Labour Market Outcomes

**Before:** The purpose of the course is to ~~introduce students to the field of Economics of Culture and Institutions~~ while at the same time introducing students to some powerful empirical methods. ~~We will discuss the role of culture in determining economic choices and the relationship between culture and institutional development.~~ [24L]

**After:** The purpose of the course is to examine the social and economic determinants of labour market outcomes, while at the same time introducing students to some powerful empirical methods. Topics covered include the role of culture in determining employment outcomes; labour market institutions; human capital; workers' creativity; labour mobility. [L24, T24]

**Rationale:** To give a better understanding of what the course is about.

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### Course #55 ECO326H5 Advanced Economic Theory - Micro

**Before:** Content in any given year depends on instructor. Past topics include: advanced analysis of the behaviour of consumers under uncertainty; issues in poverty, inequality and social welfare; game theory and its applications to economics and political economy. [24L]

**After:** Content in any given year depends on instructor. Past topics include: advanced analysis of the behaviour of consumers under uncertainty; issues in poverty, inequality and social welfare; game theory and its applications to economics and political economy. [24L, 24T]

**Rationale:**

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### Course #56 ECO343H5 Labour Economics and Public Policy

**Before:** This course uses both applied microeconomic theory and empirical analysis to examine labour markets in Canada. The course is especially focused on the link between research and public policy. Topics to be covered include: labour supply and demand, minimum wages, immigration, human capital, education production, inter- and intra-generational equality, and peer effects. At the end of the course, students should have a firm grasp of key policy issues involving Canada's labour market and be able to critique the quality of other empirical studies.

**After:** This course uses both applied microeconomic theory and empirical analysis to examine labour markets in Canada. The course is especially focused on the link between research and public policy. Topics to be covered include: labour supply and demand, minimum wages, immigration, human capital, education production, inter- and intra-generational equality, and peer effects. At the end of the course, students should have a firm grasp of key policy issues involving Canada's labour market and be able to critique the quality of other empirical studies. [24L]

**Rationale:**

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### Course #57 ECO344H5 Labour Economics and Market Frictions

**Before:** This course studies the economic behaviour of employers and employees as they interact in the labour market. The class extends beyond basics of labour supply and demand to consider cases when markets are not always perfectly competitive. The course will cover such topics as segmented labour markets, unionization and collective bargaining, unemployment, monopsony, and discrimination.

**After:** This course studies the economic behaviour of employers and employees as they interact in the labour market. The class extends beyond basics of labour supply and demand to consider cases when markets are not always perfectly competitive. The course will cover such topics as segmented labour markets, unionization and collective bargaining, unemployment, monopsony, and discrimination. [24L]

**Rationale:**

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### Course #58 ECO365H5 International Monetary Economics

**Before:** An analysis of the nature, effects and policy implications of international finance; balance-of-payments and foreign exchange analysis; liquidity problems and topics related to current problems in international finance. **[24L]**

**After:** An analysis of the nature, effects and policy implications of international finance; balance-of-payments and foreign exchange analysis; liquidity problems and topics related to current problems in international finance. **[24L, 24T]**

**Rationale:**

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### Course #59 ECO370Y5 The Economics of Organizations

**Before:** The determinants of the boundary between organizations and markets. Problems of centralization vs. decentralization, authority, coordination and motivation within organizations. Incentives, ownership and property rights. The nature of the employment relationship: explicit and implicit contracts, compensation, relative performance evaluation, career paths, job assignments and promotion. **[48L]**

**After:** The determinants of the boundary between organizations and markets. Problems of centralization vs. decentralization, authority, coordination and motivation within organizations. Incentives, ownership and property rights. The nature of the employment relationship: explicit and implicit contracts, compensation, relative performance evaluation, career paths, job assignments and promotion. **[48L, 24T]**

**Rationale:**

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### Course #60 ECO373Y5 The Environment: Perspectives from Economics and Ecology

**Before:** (Formerly ECO373H5) The course examines the basic principles of environmental economics and ecology and the interaction between ecological and economic factors. It assesses alternative criteria and objectives for environmental policy. Problems associated with the implementation of environmental policy are analyzed and examined through case studies. **[48L]**

**After:** (Formerly ECO373H5) The course examines the basic principles of environmental economics and ecology and the interaction between ecological and economic factors. It assesses alternative criteria and objectives for environmental policy. Problems associated with the implementation of environmental policy are analyzed and examined through case studies. **[48L, 24T]**

**Rationale:**

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### Course #61 ECO375H5 Applied Econometrics I

**Before:** (Formerly ECO327Y5) Introduction to econometrics. Statistical foundations and the interpretation of multiple regression models, with an emphasis on cross-sectional data. Application of regressions to a wide variety of economic questions and data sources, including the use of statistical software. Problems in the identification of causality, and an introduction to methods of addressing common statistical issues. **[24L]**

**After:** (Formerly ECO327Y5) Introduction to econometrics. Statistical foundations and the interpretation of multiple regression models, with an emphasis on cross-sectional data. Application of regressions to a wide variety of economic questions and data sources, including the use of statistical software. Problems in the identification of causality, and an introduction to methods of addressing common statistical issues. **[24L, 24T]**

**Rationale:**

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### Course #62 ECO400Y5 Economics Internship

**Before:** Through a part time, unpaid, 200-hour work placement, fourth year students apply economics content and skills. Placements are made throughout the GTA in both the private and public sectors. Successful candidates gain an opportunity to enhance their University experience through on-site work placements providing the possibility to develop skill sets within a business setting. Monthly class meetings plus year-end and presentation are required. Normally, the 200 hours will be completed by attending the work placement one full day each week from September to April. Students interested in a finance-industry placement are strongly recommended to arrange their course schedule to allow for a two day a week work placement in one semester. This arrangement increases the possibility of placement and enhances the experience although careful course planning is essential. Apply to Course Director: Professor K. Yu Room #KN 3268 Innovation Complex Email: kathleen.yu@utoronto.ca

**After:** Through a part time, unpaid, 200-hour work placement, fourth year students apply economics content and skills. Placements are made throughout the GTA in both the private and public sectors. Successful candidates gain an opportunity to enhance their University experience through on-site work placements providing the possibility to develop skill sets within a business setting. Monthly class meetings plus year-end and presentation are required. Normally, the 200 hours will be completed by attending the work placement one full day each week from September to April. Students interested in a finance-industry placement are strongly recommended to arrange their course schedule to allow for a two



day a week work placement in one semester. This arrangement increases the possibility of placement and enhances the experience although careful course planning is essential. **[L48]** Apply to Course Director: Professor K. Yu Room #KN 3268 Innovation Complex Email: kathleen.yu@utoronto.ca

**Rationale:**

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### **Course #63 ECO412Y5 Human Capital and Education in the Economy**

**Before:** This course addresses empirical and theoretical issues in public economics. This course will be especially focused on issues in public economics related to poverty, education, and inequality. Fall semester topics include: growth and inequality, teacher incentives and teacher quality, student incentives, and the racial achievement gap. Spring topics include school competition, social mobility and neighborhood effects, and welfare and social insurance. We will also discuss the tools economists use to measure the causal effects of policies, and consider how statistics often presented in policy debates may be biased. After this course, students should be comfortable reading research papers in economics.

**After:** This course addresses empirical and theoretical issues in public economics. This course will be especially focused on issues in public economics related to poverty, education, and inequality. Fall semester topics include: growth and inequality, teacher incentives and teacher quality, student incentives, and the racial achievement gap. Spring topics include school competition, social mobility and neighborhood effects, and welfare and social insurance. We will also discuss the tools economists use to measure the causal effects of policies, and consider how statistics often presented in policy debates may be biased. After this course, students should be comfortable reading research papers in economics. **[L48]**

**Rationale:**

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### **Course #64 ECO435H5 Growth and Development of the Chinese Economy**

**Before:** Both the pace and scale of China's economic transformation over the last three decades are unprecedented in human history. Understanding the nature and the sources of this great transformation is important for at least two reasons. First, it may provide valuable lessons of economic development for other developing countries. Second, the Chinese economy has become increasingly integrated with the world economy. The growth prospect of China is important for both China and the rest of the world. This course will examine China's growth and development through the lens of the modern macroeconomic theory. The topics that will be covered in the course include China's historical growth performance, structural transformation and growth since 1978, resource reallocation and aggregate productivity changes, financial sector development, inflation and business cycles in China.

**After:** Both the pace and scale of China's economic transformation over the last three decades are unprecedented in human history. Understanding the nature and the sources of this great transformation is important for at least two reasons. First, it may provide valuable lessons of economic development for other developing countries. Second, the Chinese economy has become increasingly integrated with the world economy. The growth prospect of China is important for both China and the rest of the world. This course will examine China's growth and development through the lens of the modern macroeconomic theory. The topics that will be covered in the course include China's historical growth performance, structural transformation and growth since 1978, resource reallocation and aggregate productivity changes, financial sector development, inflation and business cycles in China. **[L24]**

**Rationale:**

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### **Course #65 ECO436H5 Measuring Well Being**

**Before:** The course concerns itself with measuring societal economic well being. The historical development of the subject is considered together with the conceptual issues (and objections) associated with representing the welfare of economic agents. Different notions of welfare (Poverty, Inequality, Polarization, Equality of Opportunity) and the various empirical techniques for examining them are critically explored and applied using existing datasets.

**After:** The course concerns itself with measuring societal economic well being. The historical development of the subject is considered together with the conceptual issues (and objections) associated with representing the welfare of economic agents. Different notions of welfare (Poverty, Inequality, Polarization, Equality of Opportunity) and the various empirical techniques for examining them are critically explored and applied using existing datasets. **[L24]**

**Rationale:**

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### **Course #66 ECO439Y5 The Economics of Cities & Regions: Productivity, Technology & Jobs**

**Before:** Examination of the causes and the consequences of differences in economic outcomes across localities within a country. Despite all the talk about the "death of distance", geography matters more than ever. Regional differences within many countries have increased in the past decades, and where a person lives today has a very large impact on many aspects of his or her life. This course is a journey through the current economic landscape. We will explore places that are growing and places that are declining. For instance, we will discover why the labor market in New

York and Boston has been so much better than the one in Detroit and Cleveland in the past 35 years. We will visit the industrial districts of Italy and study how knowledge diffuses among firms located near each other, and the implications for local productivity and innovation. We will study how British and Canadian local labor markets are affected by the fact that certain industries and occupations are dying. We will travel to Africa, and discuss the extent to which investment from Asia serves to catalyze economic development in Ethiopia's regional economies. In doing so, we will try to understand the economic forces driving trends in wages, productivity and innovation across cities and regions. These are the forces that will define the geography of future jobs and will shape the economic destiny of local communities around the world.

**After:** Examination of the causes and the consequences of differences in economic outcomes across localities within a country.  
Despite all the talk about the "death of distance", geography matters more than ever. Regional differences within many countries have increased in the past decades, and where a person lives today has a very large impact on many aspects of his or her life. This course is a journey through the current economic landscape. We will explore places that are growing and places that are declining. For instance, we will discover why the labor market in New York and Boston has been so much better than the one in Detroit and Cleveland in the past 35 years. We will visit the industrial districts of Italy and study how knowledge diffuses among firms located near each other, and the implications for local productivity and innovation. We will study how British and Canadian local labor markets are affected by the fact that certain industries and occupations are dying. We will travel to Africa, and discuss the extent to which investment from Asia serves to catalyze economic development in Ethiopia's regional economies. In doing so, we will try to understand the economic forces driving trends in wages, productivity and innovation across cities and regions. These are the forces that will define the geography of future jobs and will shape the economic destiny of local communities around the world. **[L48, T24]**

**Rationale:**

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### Course #67 ECO440H5 Advanced Topics in Financial Economics

**Before:** This course deals with the following topics in financial economics: (1) Theoretical and empirical issues concerning the relevance of corporate financial structure; (2) Interactions between corporate investment and financing decisions; and (3) The role of the financial system and the legal system in economic development and growth. There is no required textbook. The course will rely quite extensively on readings of journal articles. A recommended book is: T. Copeland, J. Weston, K. Shastri, *Financial Theory and Corporate Policy*, Addison-Wesley, 2005, fourth edition.

**After:** This course deals with the following topics in financial economics: (1) Theoretical and empirical issues concerning the relevance of corporate financial structure; (2) Interactions between corporate investment and financing decisions; and (3) The role of the financial system and the legal system in economic development and growth. There is no required textbook. The course will rely quite extensively on readings of journal articles. A recommended book is: T. Copeland, J. Weston, K. Shastri, *Financial Theory and Corporate Policy*, Addison-Wesley, 2005, fourth edition. **[[L24]**

**Rationale:**

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### Course #68 ECO475H5 Applied Econometrics II

**Before:** (Formerly 327Y5) A research-oriented course continuing from ECO375H. The regression model is extended in several possible directions: time series analysis; panel data techniques; instrumental variables; simultaneous equations; limited dependent variables. Students will complete a major empirical term paper, applying the tools of econometrics to a topic chosen by the student. **[24L]**

**After:** (Formerly 327Y5) A research-oriented course continuing from ECO375H. The regression model is extended in several possible directions: time series analysis; panel data techniques; instrumental variables; simultaneous equations; limited dependent variables. Students will complete a major empirical term paper, applying the tools of econometrics to a topic chosen by the student. **[24L, T24]**

**Rationale:**

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### Course #69 ENV311H5 Environmental Issues in the Developing World

**Before:** The Earth is one, but the world is not. We all depend on one biosphere for sustaining our lives. Yet each community, each country, strives for survival and prosperity with little regard for its impact on others. These are the opening words from the report of the UN World Commission on Environment and Development, which first popularized the concept of sustainable development. In this course we examine 'environment' and 'development' as inseparable challenges. We consider global, regional, and local environmental problems from the perspectives of developing nations, and investigate the economic, social, and political roots of these problems. [24L, 12T]

**After:** The Earth is one, but the world is not. We all depend on one biosphere for sustaining our lives. Yet each community, each country, strives for survival and prosperity with little regard for its impact on others. These are the opening words from the report of the UN World Commission on Environment and Development, which first popularized the concept of sustainable development. In this course we examine 'environment' and 'development' **and 'human well-being'** as

inseparable challenges. We consider global, regional, and local environmental problems from the perspectives of developing nations, and investigate the economic, social, and political roots of these problems. [24L, 12T]

Rationale:

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### Course #70 ENV431H5 International Sustainability Canada-Mexico

**Before:** *In addition to tuition fees, there is a travel cost (up to \$650) associated with this course for which accepted students will be responsible to pay.*

**After:**

**Rationale:** ENV331 has been part of the GGR curriculum since 2008 and was last offered in 2013. At that time we changed the course to a local field course in Southern Ontario. It has been decided to take the course back to Mexico where student thoroughly enjoyed the experience and where students have the opportunity to gain valuable international experience in environmental sustainability and human health issues

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### Course #71 ENV431H5 International Sustainability Canada-Mexico

**Before:** ~~During a 1 week stay in August, students will participate in seminars on environmental sustainability and resource management at Sir Sanford Fleming College (Lindsay, Ontario) and/or Kawartha Conservation Authority offices, and undertake natural and/or social science studies on sustainability in at least one of the Kawartha Lakes (Pigeon, Sturgeon). Preparatory meetings will be held prior to departure, and seminar/poster presentations on research outcomes will be conducted during the Fall Term. ADMISSION: through application due March 1st of the preceding academic year, electronically. Acceptance will be based on a combination of GPA (2.7 or higher), experience, qualifications and interview performance. Please visit department website for application details. This course fulfills 7 field days towards the Geography Program Requirements.~~

**After:** This seven day practical field course will provide an opportunity for 4th year undergraduate geography / environment students to gain valuable international experience in environmental sustainability, economics and human health issues. Mexico faces considerable challenges with respect to water resources and environmental sustainability, and environmental expertise in Latin America is in high demand. In addition to tuition fees, there is a travel cost associated with this course which students will be responsible to pay.

**Rationale:** ENV331 has been part of the GGR curriculum since 2008 and was last offered in 2013. At that time we changed the course to a local field course in Southern Ontario. It has been decided to take the course back to Mexico where student thoroughly enjoyed the experience and where students have the opportunity to gain valuable international experience in environmental sustainability and human health issues

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### Course #72 FSC360H5 Evidence, Law and Forensic Science in Canada

**Before:** This course will explore the position of forensic science within the law in Canada. The focus will be on the evolution of the acceptance of forensic science in Canadian criminal law and its current position within the legal system. Topics include: Evidence law, expert evidence law, defining the expert, differing standards of legal acceptance for police sciences and others. Important historical documents and legal advancements will be surveyed. **[36L]**

**After:** This course will explore the position of forensic science within the law in Canada. The focus will be on the evolution of the acceptance of forensic science in Canadian criminal law and its current position within the legal system. Topics include: Evidence law, expert evidence law, defining the expert, differing standards of legal acceptance for police sciences and others. Important historical documents and legal advancements will be surveyed. **[24L, 12S]**

**Rationale:** Change reflects how course is actually taught - as a lecture with breakout discussion groups in seminar format.

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### Course #73 GGR111H5 Human Geography

**Before:** The course introduces human geography through an exploration of the evolution of geography to modern traditions, the measurement of geographic space and phenomena and the spatial interactions of people with the environment. Students gain an understanding of geographic principles through lectures and course material and develop fieldwork skills through practical sessions and field exercises. This course fulfills 1 field day. [24L, 12P]

**After:** The course introduces human geography through an exploration of the evolution of geography to modern traditions, the measurement of geographic space and phenomena and the spatial interactions of people with the environment. Students gain an understanding of geographic principles through lectures and course material and develop fieldwork skills through practical sessions and field exercises. This course fulfills 1 field day. [24L, 12P]

**Rationale:** The new course description is a better explanation of what the students can expect.

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### Course #74 GGR208H5 Population Geography

**Before:** This course examines the link between people and places from a global perspective. The course will cover topics related to population patterns and processes, geographic theories related to population and sustainability, as well as the tools used by geographers to study population size, composition and migration. [24L, 12T]

**After:** This course examines the link between people and places from a global perspective. The course will cover topics related to population patterns and processes, geographic theories related to population and sustainability, as well as the tools used by geographers to study population size, composition and migration. ***This course fulfills 1 field day.*** [24L, 12T]

**Rationale:** adding a field day to the course

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### Course #75 GGR277H5 Qualitative Methods in Geography

**Before:** This course introduces students to the key approaches that ~~social scientists~~ use to answer important questions and solve complex problems relating to the social world. It addresses the philosophies, theories and methods associated with social ~~research~~. Specific methods and issues ~~that will~~ be covered ~~include~~; archival research, surveys, interviews, focus groups, ethics, as well as ~~qualitative and quantitative~~ data analysis and interpretation. Throughout the course students will work through the process of designing their own ~~independent~~ research ~~proposals~~ and ~~will gain experience with basic survey and interview data analysis and interpretation~~. This course fulfills 1 field day. [24L, 12P]

**After:** This course introduces students to the key approaches that qualitative researchers use to answer important questions and solve complex problems relating to the social world. It addresses the philosophies, theories and methods associated with qualitative social research in geography. Specific methods and issues likely to be covered include: archival research, surveys, interviews, focus groups, ethnography, participatory research, ethics, as well as data analysis and interpretation. Throughout the course students will work through the process of designing their own research proposals, collecting and interpreting data, and reporting their results. This course fulfills 1 field day. [24L, 12P]

**Rationale:** While GGR277 was originally designed to offer a mixed methods approach to geographic research, the focus of GGR276 and now GGR376 on explicitly quantitative research allows GGR277 to focus more exclusively on qualitative methods and thus offer a more comprehensive introduction to qualitative methods for our geography students.

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### Course #76 GGR385H5 Indigenizing Space and Place

**Before:** ~~The geographies of indigenous identity~~ are tied to political, social, economic, and environmental systems that shape the spaces in which we live. ~~These geographies function~~ at multiple scales –from international solidarity networks to nationalist claims on territory to an ~~individual's~~ sense of belonging. ~~This course uses an intersectional approach that foregrounds how indigenous identity is tied to other aspects of identity~~ such as ~~gender, sexuality, race, and class and how~~ identity ~~intersects with~~ well-being. While we will be focusing on ~~indigenous identity~~ within the context of Canada as a settler nation, we will also engage with how indigenous ~~identities~~ shape and are shaped by ~~naturalisms~~ in other parts of the world. [24L, 12T]

**After:** This course looks critically at how places and people are come to be labelled as indigenous and how this labelling is tied to political, social, economic, and environmental systems that shape the spaces in which we all live. Furthermore, this course asks how spaces and places can be indigenized and what this means for social relations. We will study these processes at multiple scales \_from international solidarity networks to nationalist claims on territory to an individual s sense of belonging. We will examine a wide range of topics related to these processes such as the geographies of education, the Truth and Reconciliation Commission, resource conflicts, media representations, identity formation and well-being. While we will be focusing on indigenizing geographies within the context of Canada as a settler nation, we will also engage with how indigenous geographies shape and are shaped by nationalisms in other parts of the world. 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. This course fulfills 1-5 field day (to be adjusted according to student activity) . [24L, 12T]

**Rationale:** The course description has been adjusted to reflect the new title as well as to incorporate the possibility for an embedded international experience.

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### Course #77 JEG401Y5 Geography / Environment Social Science Internship

**Before:** Through a part-time, unpaid work placement, students apply the knowledge and expertise gained through previous course work in geography. Placements may be made in a range of settings. For example, placements may include municipal government, regional government, neighbourhood organizations and centres, corporations as well as with non-governmental organizations. Admission ~~to~~ course will be through application due by ~~March~~ 1. Specialists in the Environmental Management or Geography programs will be given priority for admission. The student's application must

include a current transcript, a current curriculum vita, and a letter of application explaining why their qualifications and interest make them suitable candidates for an internship opportunity. Applicants who meet minimum criteria will be selected for an interview. Acceptance will be based on a combination of CGPA, experience, qualifications and interview performance.

**After:** Through a part-time, unpaid work placement, students apply the knowledge and expertise gained through previous course work in geography. Placements may be made in a range of settings. For example, placements may include municipal government, regional government, neighbourhood organizations and centres, corporations as well as with non-governmental organizations. Admission **for this** course will be through **an online** application due by **April 1**. **Instructions for the application can be found on the Geography Department home page.** Specialists in the Environmental Management or Geography programs will be given priority for admission. The student's application must include a current transcript, a current curriculum vita, and a letter of application explaining why their qualifications and interest make them suitable candidates for an internship opportunity. Applicants who meet minimum criteria will be selected for an interview. Acceptance will be based on a combination of CGPA, experience, qualifications and interview performance. **More information about the application process can be found here:** **<https://utm.utoronto.ca/geography/field-internship-and-thesis-courses>**

**Rationale:** updated application process and date.

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### Course #78 MAT133Y5 Calculus and Linear Algebra for Commerce

**Before:** This course cannot be used for the specialist or major programs in Mathematics, Statistics or Computer Science, except in combination with MAT233H5. **Priority is given** to students **enrolled in the Business, Management and Commerce programs**

**After:** This course cannot be used for the specialist or major programs in Mathematics, Statistics or Computer Science, except in combination with MAT233H5. **Restricted** to students **admitted into Management or Commerce.**

**Rationale:** This was suggested in the discussions with Management last year in response to the coming change in their Commerce program, which will require MAT 133 of their students starting 2017-18. The change is going to add an estimated 150-200 students to the course. To keep the course manageable, we will restrict it to only those students who actually require it. This will restore the original intent of the course -- to be a service course for Management/Commerce. This will also help to direct students not in Management/Commerce who do wish to take a 1st year Math course to a proper Calculus course if they need to take 2nd year MAT/STA/CSC courses. The Dean's office was a part of this discussion last year, and was in agreement.

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### Course #79 MGD415H5 E-Business Strategies

**Before:** Electronic business, the extensive use of the web and the Internet, is radically changing existing businesses. New Internet businesses are also being created at an unprecedented rate. New business models, e-business technologies, payment mechanisms, legal and regulatory issues (e.g., intellectual property rights, privacy and security) and the economics of e-business will be investigated from a research and practical perspective. **[24L, 12T]**

**After:** Electronic business, the extensive use of the web and the Internet, is radically changing existing businesses. New Internet businesses are also being created at an unprecedented rate. New business models, e-business technologies, payment mechanisms, legal and regulatory issues (e.g., intellectual property rights, privacy and security) and the economics of e-business will be investigated from a research and practical perspective. **[24L]**

**Rationale:** Change in instruction format reflects how the course is taught.

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### Course #80 MGD421H5 Technological Entrepreneurship

**Before:** This course considers the role of entrepreneurship in society and the process of initiating and developing a new business venture. Topics include entrepreneurial behaviour, characteristics of entrepreneurial teams, evaluation of new ventures, correlates of success, the business plan, growth strategies, venture capital and financing. **[24L, 12T]**

**After:** This course considers the role of entrepreneurship in society and the process of initiating and developing a new business venture. Topics include entrepreneurial behaviour, characteristics of entrepreneurial teams, evaluation of new ventures, correlates of success, the business plan, growth strategies, venture capital and financing. **[36L]**

**Rationale:** Change in instruction format reflects how the course is taught.

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### Course #81 MGD422H5 Management of Technological Innovation

**Before:** Technological innovation involves the application of knowledge to create new products, services and organizational processes. This course examines technological innovation from an organizational and strategic perspective. Topics include organizational conditions for innovation, development of organizational knowledge and capabilities, new product



development, technological change and evolution, integration of R & D and firm strategy, technology alliances and joint-ventures. **[24L, 12T]**

**After:** Technological innovation involves the application of knowledge to create new products, services and organizational processes. This course examines technological innovation from an organizational and strategic perspective. Topics include organizational conditions for innovation, development of organizational knowledge and capabilities, new product development, technological change and evolution, integration of R & D and firm strategy, technology alliances and joint-ventures. **[24L]**

**Rationale:** Change in format reflects how course is taught.

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### **Course #82 MGD423H5 Technology in Organizations**

**Before:** This course is designed to give students an appreciation of the technology and management issues surrounding the development and use of information technology in organizations. Main themes emphasized are understanding: 1) information technology and its role in organizations; 2) how managers gain a competitive advantage by using information technology; and 3) how they use information technology to redesign their organizations and industries. **[24L, 12T]**

**After:** This course is designed to give students an appreciation of the technology and management issues surrounding the development and use of information technology in organizations. Main themes emphasized are understanding: 1) information technology and its role in organizations; 2) how managers gain a competitive advantage by using information technology; and 3) how they use information technology to redesign their organizations and industries. **[24L]**

**Rationale:** There is no tutorial for this course.

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### **Course #83 MGD426H5 Enterprise Risk Management**

**Before:** This course will address the identification and management of risks that are specific to digital industries such as network penetration, transaction processing interruption and flow disruption, provision of audit and backup facilities. The course will also integrate technical security issues along with managerial and legal considerations. **[24L, 12T]**

**After:** This course will address the identification and management of risks that are specific to digital industries such as network penetration, transaction processing interruption and flow disruption, provision of audit and backup facilities. The course will also integrate technical security issues along with managerial and legal considerations. **[24L]**

**Rationale:** There is no tutorial for this course.

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### **Course #84 MGD427H5 Advanced Legal Issues**

**Before:** This course will build on the foundations established in CCT206H5. Issues relating to the protection of digital rights, taxation, privacy, jurisdiction and regulation will be examined in detail through the use of recent legal scholarship and evolving case law. **[24L, 12T]**

**After:** This course will build on the foundations established in CCT206H5. Issues relating to the protection of digital rights, taxation, privacy, jurisdiction and regulation will be examined in detail through the use of recent legal scholarship and evolving case law. **[24L]**

**Rationale:** There is no tutorial for this course.

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### **Course #85 MGD428H5 Project Management**

**Before:** Approaches to the management of complex technical projects will be investigated. Topics include project estimating, costing and evaluation, organizing and managing project teams, quantitative methods for project planning and scheduling, introduction to computer-based project management tools. The course may involve an applied field project. **[24L, 12T]**

**After:** Approaches to the management of complex technical projects will be investigated. Topics include project estimating, costing and evaluation, organizing and managing project teams, quantitative methods for project planning and scheduling, introduction to computer-based project management tools. The course may involve an applied field project. **[24L]**

**Rationale:** There is no tutorial for this course.

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### **Course #86 MGM102H5 Management in a Changing Environment**

**Before:** 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, 6T]**

**After:** 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:** We no longer offer these tutorials.

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### **Course #87 MGM221H5 Accounting Fundamentals I**

**Before:** The objective of this course is to expose students to the fundamentals of accounting and financial reporting from a user perspective. Students will learn to prepare, read and understand financial statements as well as to analyze them for information content. **[24L]**

**After:** The objective of this course is to expose students to the fundamentals of accounting and financial reporting from a user perspective. Students will learn to prepare, read and understand financial statements as well as to analyze them for information content. **[24L, 12T]**

**Rationale:** For pedagogical reasons we added a tutorial a few years ago and neglected to put it into the Calendar at the time.

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### **Course #88 MGM400H5 Strategic Management in a Competitive Environment**

**Before:** A series of advanced seminars and projects, designed to integrate the themes of the program and to draw connections with current issues of importance in private- and public-sector organizations. **[24L, 12T]**

**After:** A series of advanced seminars and projects, designed to integrate the themes of the program and to draw connections with current issues of importance in private- and public-sector organizations. **[24L]**

**Rationale:** We no longer offer these tutorials.

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### **Course #89 MGT414H5 Special Topics in Management**

**Before:** Topics and issues in Management. Content in any given year will depend on the instructor. **[24L]**

**After:** Topics and issues in Management. Content in any given year will depend on the instructor. **[24L, 12T]**

**Rationale:** For pedagogical reasons we added a tutorial last year after the Calendar was printed.

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### **Course #90 MGT426H5 Advanced Accounting**

**Before:** The emphasis in this course is on accounting issues and practices relating to long-term investments, consolidations, foreign transactions and foreign investments. International accounting issues are also introduced. Assigned material includes cases to ensure that the user impact of accounting choices is appreciated. **[24L, 12T]**

**After:** The emphasis in this course is on accounting issues and practices relating to long-term investments, consolidations, foreign transactions and foreign investments. International accounting issues are also introduced. Assigned material includes cases to ensure that the user impact of accounting choices is appreciated. **[36L]**

**Rationale:** This course has now 36 lecture hours and not 24 lectures and 12 tutorials.

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### **Course #91 MGT452H5 Advanced Marketing Management**

**Before:** The emphasis in this course is on marketing decision making in a dynamic environment. Building on the concepts and skills developed in MGT353H5, the course focuses on the major decisions facing marketing managers in the attempt to harmonize the resources of the organization with the opportunities in the market. **[24L, 12T]**

**After:** The emphasis in this course is on marketing decision making in a dynamic environment. Building on the concepts and skills developed in MGT353H5, the course focuses on the major decisions facing marketing managers in the attempt to harmonize the resources of the organization with the opportunities in the market. **[24L]**

**Rationale:** We no longer offer these tutorials.

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### **Course #92 MGT480H5 Internship**

**Before:** (Formerly MGT413H5) Students will be provided with an opportunity to apply, in a practical business setting, the management knowledge they have gained through previous course work. This is accomplished through part-time unpaid work placements, or "internships." The internship will provide students with a valuable opportunity to make personal contacts in the public or private sector. The course is also intended to help students acquire practical skills that will serve them well in the workplace. An application is required.

**After:** (Formerly MGT413H5) Students will be provided with an opportunity to apply, in a practical business setting, the management knowledge they have gained through previous course work. This is accomplished through part-time unpaid work placements, or "internships." The internship will provide students with a valuable opportunity to make personal contacts in the public or private sector. The course is also intended to help students acquire practical skills that will serve them well in the workplace. An application is required. **[24L]**

**Rationale:** This was an error in the Calendar.

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### Course #93 POL203Y5 Politics and Government of the United States

**Before:** A comparative study of the development of American government and the main elements of the American political tradition; the structure and functioning of executives, legislatures, courts, bureaucracies, parties and pressure groups in federal and state government; characteristic processes of American politics such as voting, bargaining and regulation; and resultant patterns of public policy. **[48L]**

**After:** A comparative study of the development of American government and the main elements of the American political tradition; the structure and functioning of executives, legislatures, courts, bureaucracies, parties and pressure groups in federal and state government; characteristic processes of American politics such as voting, bargaining and regulation; and resultant patterns of public policy. **[48L][24T]**

**Rationale:** added 24T to the description of this course, as it is stated in the timetable, and should have been printed in the calendar all along.

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### Course #94 POL218Y5 Introduction to Comparative Politics

**Before:** An introduction to the main themes, concepts and methods in comparative politics. Comparative politics compares the ways people and institutions interact, in different countries and regions of the world (including both developing and developed), to produce what we call "politics." The course brings to bear different interpretive frameworks (political culture, political economy, identity politics, and institutional analysis) to help us understand this interaction. Topics include: the formation, development and eventual decay of political institutions such as the nation-state, political regimes, parties, party systems and local governments; the ideas and interests shaping political behaviour; and the reasons why, and the ways in which, groups mobilize politically. **[48L]**

**After:** An introduction to the main themes, concepts and methods in comparative politics. Comparative politics compares the ways people and institutions interact, in different countries and regions of the world (including both developing and developed), to produce what we call "politics." The course brings to bear different interpretive frameworks (political culture, political economy, identity politics, and institutional analysis) to help us understand this interaction. Topics include: the formation, development and eventual decay of political institutions such as the nation-state, political regimes, parties, party systems and local governments; the ideas and interests shaping political behaviour; and the reasons why, and the ways in which, groups mobilize politically. **[48L][24T]**

**Rationale:** added 24T to the description of this course, as it is stated in the timetable, and should have been printed in the calendar all along.

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### Course #95 POL242Y5 Methods

**Before:** This course offers an introduction to political science research methods. The course will cover basic approaches to political science, the choices that researchers have to make when designing their research and basic methods of analysis for both qualitative and quantitative data. Topics include: validity and reliability, levels of measurement, questionnaire design, experiments, elite interviews, participant observation and policy **evaluation.**

**After:** This course offers an introduction to political science research methods. The course will cover basic approaches to political science, the choices that researchers have to make when designing their research and basic methods of analysis for both qualitative and quantitative data. Topics include: validity and reliability, levels of measurement, questionnaire design, experiments, elite interviews, participant observation and policy **evaluation.[48L][24T]**

**Rationale:** added 48L and 24T to the description of this course, as it is stated in the timetable, and should have been printed in the calendar all along.

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### Course #96 POL304Y5 Politics of South Asia



- Before:** 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.**
- After:** 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.[48L]**
- Rationale:** added 48L to the description of this course, as it is stated in the timetable, and should have been printed in the calendar all along.
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### Course #97 POL320Y5 Modern Political Thought

- Before:** The development of political thought in the 18th and 19th centuries, including Rousseau, Burke, Hume, Kant, Hegel, the English Utilitarians (Bentham and J.S. Mill), Marx and Nietzsche. **[48L]**
- After:** The development of political thought in the 18th and 19th centuries, including Rousseau, Burke, Hume, Kant, Hegel, the English Utilitarians (Bentham and J.S. Mill), Marx and Nietzsche. **[48L][24T]**
- Rationale:** added 24T to the description of this course, as it is stated in the timetable, and should have been printed in the calendar all along.
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### Course #98 POL322Y5 Enlightenment and Theocracy

- Before:** A survey of modern political theories, from Machiavelli onwards, bearing on the problem of religion and politics. The course includes discussions of Hobbes, Spinoza, Locke, Rousseau, and Kant, as well as anti-liberal thinkers such as Maistre and Nietzsche. Themes include toleration, the Enlightenment, civil religion, and **theocracy.**
- After:** A survey of modern political theories, from Machiavelli onwards, bearing on the problem of religion and politics. The course includes discussions of Hobbes, Spinoza, Locke, Rousseau, and Kant, as well as anti-liberal thinkers such as Maistre and Nietzsche. Themes include toleration, the Enlightenment, civil religion, and **theocracy.[48L]**
- Rationale:** added 48L to the description of this course, as it is stated in the timetable, and should have been printed in the calendar all along.
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### Course #99 POL346Y5 Urban Politics

- Before:** This course ~~compares~~ urban politics ~~in North America and Western Europe, with a particular emphasis on~~ Canadian ~~cities, and examines how urban political dynamics in different local and national settings shape~~ responses to ~~urban policy issues. The course also examines the changing role of cities in the global economy, introducing~~ key theories and concepts ~~in~~ urban ~~political analysis.~~
- After:** 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]
- Rationale:** this description is a better reflection of what the course is about. Also, added 48L to the description of this course, as it is stated in the timetable, and should have been printed in the calendar all along.
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### Course #100 POL355Y5 Multiculturalism and Citizenship

- Before:** How are laws, policies, and social norms affected by the overwhelmingly multicultural character of contemporary societies? This course examines how the realities of contemporary multiculturalism have reshaped civic life, both in Canada and in other societies. The course will attempt to cover both empirical and theoretical-normative approaches to these **issues.**
- After:** How are laws, policies, and social norms affected by the overwhelmingly multicultural character of contemporary societies? This course examines how the realities of contemporary multiculturalism have reshaped civic life, both in Canada and in other societies. The course will attempt to cover both empirical and theoretical-normative approaches to these **issues.[48L]**
- Rationale:** added 48L to the description of this course, as it is stated in the timetable, and should have been printed in the calendar all along.
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### Course #101 POL368H5 Women, Gender and Politics

- Before:** An introduction to gender and politics that examines women as political actors and their activities in formal and grassroots politics. The course also explores the impact of gender in public policy and how public policies shape gender **relations.**
- After:** An introduction to gender and politics that examines women as political actors and their activities in formal and grassroots politics. The course also explores the impact of gender in public policy and how public policies shape gender **relations.[24L]**
- Rationale:** this is more accurate a reflection of the sub-field, which still focuses on women, but includes a much broader discussion of the political nature of gender as well. Also, added 24L to the description of this course, as it is stated in the timetable, and should have been printed in the calendar all along.
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### Course #102 POL438H5 Topics in Comparative Politics

- Before:** Content of course will vary from year to year. Consult with the Political Science **Handbook.**
- After:** Content of course will vary from year to year. Consult with the Political Science **Handbook.[24L]**
- Rationale:** added 24L to the description of this course, as it is stated in the timetable, and should have been printed in the calendar all along.
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### Course #103 POL475H5 Global Environmental and Sustainability Politics

- Before:** This course examines the challenges faced by humanity in dealing with global environmental and sustainability problems and the politics of addressing them. Focuses on both the underlying factors that shape the politics of these problems - such as scientific uncertainty, North-South conflict, equity concerns, globalization and production and consumption patterns - and explores attempts at the governance of specific global or transnational environmental and sustainability issues by state and non-state **actors.**
- After:** This course examines the challenges faced by humanity in dealing with global environmental and sustainability problems and the politics of addressing them. Focuses on both the underlying factors that shape the politics of these problems - such as scientific uncertainty, North-South conflict, equity concerns, globalization and production and consumption patterns - and explores attempts at the governance of specific global or transnational environmental and sustainability issues by state and non-state **actors.[24L]**
- Rationale:** added 24T to the description of this course, as it is stated in the timetable, and should have been printed in the calendar all along.
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### Course #104 SOC100H5 Introduction to Sociology

- Before:** An introduction to the conceptual and empirical foundations of the ~~discipline. The relationship between theory and research in the study of society will be stressed.~~ [24L]
- After:** An introduction to the conceptual and empirical foundations of the discipline intended on providing a foundation for subsequent Sociology and Criminology, Law and Society courses and programs. Students will learn the sociological approach of theory and inquiry to a range of topics. [24L]
- Rationale:** More accurately reflects the current course design and indicates to students its place in the SOC/CLS curriculum.
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### Course #105 SOC221H5 The Logic of Social Inquiry

- Before:** Logic of Social Inquiry compares the logic of quantitative and qualitative research. Key topics include the relationship between theory and research, conceptualization and measurement of sociological concepts and sampling strategies in the quantitative and qualitative traditions. ~~This course is recommended for students in their second year.~~ [24L, 12T]
- After:** Logic of Social Inquiry compares the logic of quantitative and qualitative research. Key topics include the relationship between theory and research, conceptualization and measurement of sociological concepts and sampling strategies in the quantitative and qualitative traditions. Students are introduced to a range of data collection methods. Students are strongly encouraged to take this course upon entry to the Major or Specialist programs. [24L, 12T]
- Rationale:** More accurately reflects the current course design and indicates to students its place in the SOC/CLS curriculum.
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### Course #106 SOC224H5 Sociology of Education

- Before:** This course ~~considers how schools are shaped by society and how societies shape schools. It will cover what some of our key sociological thinkers have said about education in society. Topics include race, gender, and class inequalities and how schools socialize.~~ [24L]
- After:**

This course examines what some of our key sociological thinkers have said about the role of education in society, from socialization to sorting students into different opportunities, including along the lines of race, class and gender. The course also covers the development of the education system in Canada, the career of teaching, curriculum development, and standardized testing. Students will have the opportunity to apply sociological insights to contemporary issues in education. [24L]

**Rationale:** Provides more detail than the previous course description, reflecting recent revisions to the course.

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### Course #107 SOC318H5 Sociology of Mental Health and Mental Disorders

**Before:** An overview of the link between social inequality and inequality in distress, focusing on differences in mental health across social groups and the role of stress and coping resources in explaining group differences.

**After:** An overview of the link between social inequality and inequality in distress, focusing on differences in mental health across social groups and the role of stress and coping resources in explaining group differences. [24L]

**Rationale:**

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### Course #108 SOC382H5 Genocide and Memory

**Before:** This research-based course will engage students with the following two questions: Why does genocide happen? How do we construct, present, and maintain our memories of these terrible social phenomena? ~~Specifically, students will consider these questions through international field experiences with a focus on cultural and historical sites in countries that will vary from year to year based on feasibility.~~ Students will spend the first part of the course learning about the sociology of genocide. Students will also be exposed to general theories of culture and the social construction of memory, and will be trained in qualitative methods, with a focus on basic field observation and field note writing. Students will take this knowledge and training into the field, using a sociological lens to look at genocide museums and memorials, and the people who visit them. The course will culminate in a final project based on the students' observations and analysis during one of several course field trips. ~~[24S]~~ An interview may be required, with priority going to UTM Sociology and Criminology Majors and Specialists.

**After:** This research-based course will engage students with the following two questions: Why does genocide happen? How do we construct, present, and maintain our memories of these terrible social phenomena? Students will spend the first part of the course learning about the sociology of genocide. Students will also be exposed to general theories of culture and the social construction of memory, and will be trained in qualitative methods, with a focus on basic field observation and field note writing. Students will take this knowledge and training into the field, using a sociological lens to look at genocide museums and memorials, and the people who visit them. The course will culminate in a final project based on the students' observations and analysis during one of several course field trips. The specific cultural and historical sites for the course will vary from year to year. 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.[24S] An interview may be required, with priority going to UTM Sociology and Criminology Majors and Specialists.

**Rationale:** The change in language has been requested by the Dean's office.

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### Course #109 WRI203H5 Expressive Writing

**Before:** Examines theory and offers practice in expressive narrative, the most basic prose mode and 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. [24L, 3T]

**After:** Examines theory and offers practice in expressive narrative, the most basic prose mode and 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. [24L]

**Rationale:** Tutorial was added as a feature of all WRI courses when the program began, but no tutorials have ever been offered in any WRI courses so this should be removed.

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### Course #110 WRI303H5 Specialized Prose

**Before:** Examines theory and offers practice in nonfiction prose with a range of specialized 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 [24L, 3T]

- After:** Examines theory and offers practice in nonfiction prose with a range of specialized 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 **[24L]**
- Rationale:** Tutorial was added as a feature of all WRI courses when the program began, but no tutorials have ever been offered in any WRI courses so this should be removed.
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### Course #111 WRI307H5 Science and Writing

- Before:** Examines science as rhetoric and the way this rhetoric mixes with other rhetorics from an interdisciplinary perspective appropriate for science students and for humanities and social science students. The course examines scientific writing and journalistic writing about science. Through theory and applied research and writing, students consider the special features of science rhetoric including protocols for research and documentation. This course draws from a range of theorists including Kuhn, Popper, Hempel, Hacking. **[24L, 3T]**
- After:** Examines science as rhetoric and the way this rhetoric mixes with other rhetorics from an interdisciplinary perspective appropriate for science students and for humanities and social science students. The course examines scientific writing and journalistic writing about science. Through theory and applied research and writing, students consider the special features of science rhetoric including protocols for research and documentation. This course draws from a range of theorists including Kuhn, Popper, Hempel, Hacking. **[24L]**
- Rationale:** Tutorial was added as a feature of all WRI courses when the program began, but no tutorials have ever been offered in any WRI courses so this should be removed.
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### Course #112 WRI310H5 Social and Professional Languages

- Before:** Examines language by approaching it through its social users -- ethnic groups, genders, and social classes -- and its contextualized usages -- the languages of publishing, advertising, law, technical communications, academe and the electronic media. The course explores the functions of these languages and the roles of such forces as dictionaries, social change, and new communications technologies in the evolution of these languages. **[24L, 3T]**
- After:** Examines language by approaching it through its social users -- ethnic groups, genders, and social classes -- and its contextualized usages -- the languages of publishing, advertising, law, technical communications, academe and the electronic media. The course explores the functions of these languages and the roles of such forces as dictionaries, social change, and new communications technologies in the evolution of these languages. **[24L]**
- Rationale:** Tutorial was added as a feature of all WRI courses when the program began, but no tutorials have ever been offered in any WRI courses so this should be removed.
- 

### Course #113 WRI320H5 History and Writing

- Before:** Examines written history as rhetoric and considers various conceptions of history and procedures for historical research and writing with reference to a range for models from Thucydides to contemporary writers of specialized and local histories. Students will conceptualize, design, and carry out primary source historical research to produce original history using locally available sources and materials. **[24L, 3T]**
- After:** Examines written history as rhetoric and considers various conceptions of history and procedures for historical research and writing with reference to a range for models from Thucydides to contemporary writers of specialized and local histories. Students will conceptualize, design, and carry out primary source historical research to produce original history using locally available sources and materials. **[24L]**
- Rationale:** Tutorial was added as a feature of all WRI courses when the program began, but no tutorials have ever been offered in any WRI courses so this should be removed.
- 

### Course #114 WRI325H5 Community and Writing

- Before:** Examines writing/communication as a social act that both shapes and is shaped by the discourse community where it takes place. Students will explore genre as part of a social system with reference to theories by Fairclough, Kuhn, Lemke, Rorty, Geertz, Swales, Bakhtin. Students will design and carry out primary research that explores the social character of communication. **[24L, 3T]**
- After:** Examines writing/communication as a social act that both shapes and is shaped by the discourse community where it takes place. Students will explore genre as part of a social system with reference to theories by Fairclough, Kuhn, Lemke, Rorty, Geertz, Swales, Bakhtin. Students will design and carry out primary research that explores the social character of communication. **[24L]**

**Rationale:** Tutorial was added as a feature of all WRI courses when the program began, but no tutorials have ever been offered in any WRI courses so this should be removed.

---

### Course #115 WRI330H5 Oral Rhetoric

**Before:** 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, 3T]**

**After:** 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]**

**Rationale:** Tutorial was added as a feature of all WRI courses when the program began, but no tutorials have ever been offered in any WRI courses so this should be removed.

---

### Course #116 WRI340H5 Critical Reading and Listening

**Before:** Examines the role and responsibility of the communicator across a range of rhetorical settings extending from the private to the public sphere. Drawing on theorists such as Bordieu, Bakhtin, Eco, Fairclough, Foucault, Habermas, Lacan and Lemke for principles of discourse analysis, students learn to recognize, analyze and question the social, political, cultural, ethical and economic dynamics of "text" in order to become critical interpreters of rhetoric across a range of multi-modal, multi-medial forms. **[24L, 2T]**

**After:** Examines the role and responsibility of the communicator across a range of rhetorical settings extending from the private to the public sphere. Drawing on theorists such as Bordieu, Bakhtin, Eco, Fairclough, Foucault, Habermas, Lacan and Lemke for principles of discourse analysis, students learn to recognize, analyze and question the social, political, cultural, ethical and economic dynamics of "text" in order to become critical interpreters of rhetoric across a range of multi-modal, multi-medial forms. **[24L]**

**Rationale:** Tutorial was added as a feature of all WRI courses when the program began, but no tutorials have ever been offered in any WRI courses so this should be removed.

---

### Course #117 WRI360H5 Finance and Writing

**Before:** Examines organizational discourse with special attention to financial analysis and financial documents as rhetorical elements. Students will design and carry out primary research into organizations such as publicly listed companies and non-profit organizations and will examine different modes for reporting research findings. Principles of discourse analysis and genre theory provide a conceptual framework. Students do not need backgrounds in accounting or finance to manage this course. **[24L, 3T]**

**After:** Examines organizational discourse with special attention to financial analysis and financial documents as rhetorical elements. Students will design and carry out primary research into organizations such as publicly listed companies and non-profit organizations and will examine different modes for reporting research findings. Principles of discourse analysis and genre theory provide a conceptual framework. Students do not need backgrounds in accounting or finance to manage this course. **[24L]**

**Rationale:** Tutorial was added as a feature of all WRI courses when the program began, but no tutorials have ever been offered in any WRI courses so this should be removed.

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### Course #118 WRI365H5 Editing: Principles and Practice

**Before:** **None**

**After:**

**Rationale:** Errors stating "None" were removed.

---

### Course #119 WRI370H5 Writing about Place

**Before:** Examines writing about geographic places and the multiple rhetorics --- scientific, historical, geographical, social, political, economic --- that come into play. Students will design and carry out original primary research to develop their writing



projects. **[24L, 3T]**

**After:** Examines writing about geographic places and the multiple rhetorics --- scientific, historical, geographical, social, political, economic --- that come into play. Students will design and carry out original primary research to develop their writing projects. **[24L]**

**Rationale:** Tutorial was added as a feature of all WRI courses when the program began, but no tutorials have ever been offered in any WRI courses so this should be removed.

---

### Course #120 WRI380H5 Documentary Scripting and Production for Electronic Media

**Before:** Examines theories and research and production techniques for texts meant for electronic media. Students will design and carry out original primary research to script, edit and produce texts for podcasts. **[24L, 3T]**

**After:** Examines theories and research and production techniques for texts meant for electronic media. Students will design and carry out original primary research to script, edit and produce texts for podcasts. **[24L]**

**Rationale:** Tutorial was added as a feature of all WRI courses when the program began, but no tutorials have ever been offered in any WRI courses so this should be removed.

---

### Course #121 WRI392H5 Research and Writing

**Before:** ~~Examines~~ principles, procedures and ~~practice~~ of original research that culminate in ~~writing~~ and ~~terms that accompany the discourse~~ of ~~research: evidence, results, validity, theory, data, significance with reference to theorists~~ such as ~~Eisner, Geertz, Bogden and Biklen, Clifford and Marcus, Glesne and Peshkin, Strauss and Corbin. Students~~ will ~~design~~ and ~~carry out limited qualitative research projects~~ and will ~~consider criteria for evaluating communications values in research-based writing.~~ **[24L, 3T]**

**After:** This course examines principles, procedures and practices of original research that culminate in writing. It is a practice-based course in which students design and carry out writing projects through a series of research techniques. Students will learn to select and evaluate available information and transform it into content for an array of different media, such as popular press, handbooks, and web. A reading program will expose you to research-based writing and help you develop the ability to analyze and think critically about it. The class will include use of scholarly databases, interview techniques, source selection, and retrieval and evaluation of expert and scientific information. You will produce a series of assignments that will help you develop professional skills across different media and topics. **[24L]**

**Rationale:** Original description for WRI392 was written over ten years ago, and no longer reflects the subject matter and material currently taught in the course.

---

### Course #122 WRI395H5 Re-linguaging: Writing Across Cultures and Languages

**Before:** 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, 3T]**

**After:** 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]**

**Rationale:** 3T removed. Tutorial was added as a feature of all WRI courses when the program began, but no tutorials have ever been offered in any WRI courses so this should be removed.

---

### Course #123 WRI420H5 Making a Book

**Before:** 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, 3T]**

**After:** 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:** 3T removed. Tutorial was added as a feature of all WRI courses when the program began, but no tutorials have ever been offered in any WRI courses so this should be removed.

---

## Course #124 WRI430H5 Journalistic Investigation

**Before:** ~~Examines principles, practices, and rhetorical issues~~ in journalistic investigation and ~~writing~~. The course will consider various ~~models~~. Students will design and carry out investigative projects that culminate in a series of journalistic articles. ~~[24L, 3T]~~

**After:** 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]

**Rationale:** Current course description, previously taught by sessional faculty, does not reflect course subject and material now taught by faculty.

---

## Course #125 utm111H5 utmONE: Tools of the Trade

**Before:** This course is an introduction to the common problem-solving tools used in the sciences and social sciences. It is designed to address the fundamental skills needed for comprehension and effective communication in these areas. The skills being addressed may include critical analysis of texts (primary literature, review papers, textbooks), use of databases to gather, manipulate and visualize data; interpretation and presentation of data; information gathering and writing skills (lab reports, critical essays); and oral presentations. Specific examples will be drawn from a variety of current research topics in both the sciences and social sciences. [24L, 12T]

**After:** This course is an introduction to the common problem-solving tools used in the sciences and social sciences. It is designed to address the fundamental skills needed for comprehension and effective communication in these areas. The skills being addressed may include critical analysis of texts (primary literature, review papers, textbooks), use of databases to gather, manipulate and visualize data; interpretation and presentation of data; information gathering and writing skills (lab reports, critical essays); and oral presentations. Specific examples will be drawn from a variety of current research topics in both the sciences and social sciences. As part of this course students will participate in a series of tutorials that will introduce them to essential elements of a holistic student experience (such as career exploration, health and wellness, and co-curricular engagement). [24L, 12T]

**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

---

## Course #126 utm112H5 utmONE: Power of Expression

**Before:** This course asks big questions about what creative expression is, how it influences society, and what role it plays in people's lives. Students will explore expression as social and cultural production, as intervention, and as a tool for social dialogue through assignments and small group activities that develop and refine key skills relevant to the humanities and social sciences. [24L, 12T]

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

**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

---

## Course #127 utm113H5 utmONE: Humans in Nature: Interactions and Impacts

**Before:** This course will explore how humans have utilized the natural world and the impacts it has had on both the global environment and human societies. We will focus on topics such as human and natural history, conservation, sustainability, resource exploitation, domestication, GMOs, and our fascination with nature. The course will include a field component in our campus environment. [24L, 12T]

**After:** This course will explore how humans have utilized the natural world and the impacts it has had on both the global environment and human societies. We will focus on topics such as human and natural history, conservation, sustainability, resource exploitation, domestication, GMOs, and our fascination with nature. The course will include a field component in our campus environment. As part of this course students will participate in a series of tutorials that will introduce them to essential elements of a holistic student experience (such as career exploration, health and wellness, and co-curricular engagement). [24L, 12T]

**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

---

## Course #128 utm114H5 utmONE: Technology and Innovation: Historical, Social and Economic Perspectives

**Before:** This course will explore the enormous opportunities and the complex challenges presented by technological development. Topics discussed will include the history of technological changes over the last decades, their effects on the social and economic environment, including new opportunities in different industries (from publishing, to education, to information technology and pharmaceuticals), the impact on income distribution, the ethical challenges related to scientific progress and its application, and the effect on the participation of women and minorities in the workforce (especially in high-tech industries). In this course, students will interact with local technology companies as well as policymakers. [24L, 12T]

**After:** This course will explore the enormous opportunities and the complex challenges presented by technological development. Topics discussed will include the history of technological changes over the last decades, their effects on the social and economic environment, including new opportunities in different industries (from publishing, to education, to information technology and pharmaceuticals), the impact on income distribution, the ethical challenges related to scientific progress and its application, and the effect on the participation of women and minorities in the workforce (especially in high-tech industries). In this course, students will interact with local technology companies as well as policymakers. **As part of this course students will participate in a series of tutorials that will introduce them to essential elements of a holistic student experience (such as career exploration, health and wellness, and co-curricular engagement).** [24L, 12T]

**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

---

### **Course #129 utm115H5 utmONE: Communication Among Cultures**

**Before:** This course is an introduction to inter-cultural communication primarily in the areas of writing and speaking. It is designed to address fundamental skills related to language use in the academic setting by focusing on topics such as customs, attitudes, beliefs, and values. Specific examples will be drawn from real-life university situations, and multiple viewpoints on the nature of diversity in communication will be discussed. [24L, 12T]

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

**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

---

### **Course #130 utm290H5 Launching your Research**

**Before:** This course will provide hands-on, field and laboratory-based learning from a broad spectrum of disciplines. Students will participate and ultimately lead every aspect of designing and undertaking a comprehensive research program. This will include 1) designing a team-based interdisciplinary research project complete with a testable hypothesis subjected to state-of-the-art methodology and instrumentation, 2) gathering of primary, field-based data, 3) rigorous interpretation of the trends highlighted during data processing, and with the intention of 4) broad dissemination of the novel results through peer-review publishing. Each research team will learn and employ the Agile method of project management, which focuses on breaking up daunting research projects into a series of small manageable tasks to ensure successful project completion. [24L, 24T]

**After:** This course will provide hands-on, field and laboratory-based learning from a broad spectrum of disciplines. Students will participate and ultimately lead every aspect of designing and undertaking a comprehensive research program. This will include 1) designing a team-based interdisciplinary research project complete with a testable hypothesis subjected to state-of-the-art methodology and instrumentation, 2) gathering of primary, field-based data, 3) rigorous interpretation of the trends highlighted during data processing, and with the intention of 4) broad dissemination of the novel results through peer-review publishing. Each research team will learn and employ the Agile method of project management, which focuses on breaking up daunting research projects into a series of small manageable tasks to ensure successful project completion. **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. This is an application based course. Preference will be given to students who have previously completed a utmONE Scholars seminar.** [24L, 24T]

**Rationale:** As this is a UTM Abroad offering, the required sentence capturing the international experience has been added to the course description. Prerequisites have been removed in favour for a "preference will be given to" statement in the course description.

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# Changes in Course Name

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## Course #1 ANT431H5 Special Problems in Sociocultural and Linguistic Anthropology

**Before:** Special Problems in Sociocultural *or* Linguistic Anthropology

**After:** Special Problems in Sociocultural *and* Linguistic Anthropology

**Rationale:** Similar to ANT430H5 and to be consistent with the title used for the science counterpart course, change "or" to "and".

---

## Course #2 ANT433H5 Advanced Seminar in Anthropology

**Before:** Advanced Seminar in *Sociocultural and Linguistic* Anthropology

**After:** Advanced Seminar in Anthropology

**Rationale:** Since this is the social science version of the science Advanced Seminar course (ANT432H5), it is renumbered from ANT461H5 to ANT433H5 so it's consecutive and immediately follows the science counterpart.

---

## Course #3 CCT207H5 Introduction to Infrastructure

**Before:** Introduction to *Design (IDM)*

**After:** Introduction to *Infrastructure*

**Rationale:** Course title and description have been changed to reflect how course will be taught in the future.

---

## Course #4 CCT218H5 Introduction to Information and Society

**Before:** Introduction to Information *Studies (IDM)*

**After:** Introduction to Information *and Society*

**Rationale:** Course title has been changed to more accurately reflect the course description.

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## Course #5 CCT219H5 Introduction to Policy

**Before:** Introduction to Policy *(IDM)*

**After:** Introduction to Policy

**Rationale:** Course title and description have been changed to reflect how course will be taught in the future.

---

## Course #6 CCT285H5 Immersive Environment Design

**Before:** Immersive Environment Design *(IDM)*

**After:** Immersive Environment Design

**Rationale:**

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## Course #7 CCT286H5 Interactive Media Design

**Before:** Interactive Media Design *(IDM)*

**After:** Interactive Media Design

**Rationale:**

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## Course #8 CCT314H5 Mind, Media and Representation

**Before:** *Representation in Language, Mind* and *Art*

**After:** *Mind, Media* and *Representation*

**Rationale:** The original title no longer reflects the description changes proposed.

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**Course #9 CCT341H5 Introduction to IT Consulting**

**Before:** *Collaborative ICT Project (IDM)*

**After:** *Introduction to IT Consulting*

**Rationale:** This title better reflects the proposed revised course description.

---

**Course #10 CCT365H5 Surveillance (IDM)**

**Before:** *Introduction to* Surveillance (IDM)

**After:** Surveillance (IDM)

**Rationale:** This is not an introductory level course.

---

**Course #11 CCT374H5 Critical Histories of Information Technologies (IDM)**

**Before:** *Technologies of Knowledge Media* (IDM)

**After:** *Critical Histories of Information Technologies* (IDM)

**Rationale:** Course title and description have been changed to reflect how course will be taught in the future.

---

**Course #12 CCT401H5 Advanced Thesis Course (DEM)**

**Before:** *Supervised Reading* Course

**After:** *Advanced Thesis* Course (DEM)

**Rationale:** This title better reflects the proposed change in the course description.

---

**Course #13 ECO318H5 Social and Economic Determinants of Labour Market Outcomes**

**Before:** *Economics of Culture* and *Institutions: Empirical Methods and Applications*

**After:** *Social* and *Economic Determinants of Labour Market Outcomes*

**Rationale:** To give a better understanding of what the course is about.

---

**Course #14 ENV431H5 International Sustainability Canada-Mexico**

**Before:** *Field Course in* Sustainability

**After:** *International* Sustainability *Canada-Mexico*

**Rationale:** The new course title is required given the change in course description.

---

**Course #15 GGR277H5 Qualitative Methods in Geography**

**Before:** *Social Research* Methods

**After:** *Qualitative* Methods *in Geography*

**Rationale:** The course title has been adjusted to reflect the new description

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**Course #16 GGR385H5 Indigenizing Space and Place**

**Before:** *Geographies of Indigenous Identity* and *Well-Being*

**After:** *Indigenizing Space* and *Place*

**Rationale:** The course title has been shortened for clarity s sake (from Geographies of Indigenous Identity and Well-being) to Indigenizing Space and Place.

---

### Course #17 MGT260H5 Managing Human Potential

**Before:** Human *Resource Management*

**After:** *Managing* Human *Potential*

**Rationale:** This change is proposed in alignment with broader changes in the field of HRM, emphasizing the importance of properly managing an organization's talent pool to achieve business success. It is also intended to make the new HRIR program more appealing to students.

---

### Course #18 MGT262H5 Psychology at Work

**Before:** *Individual and Group Behaviour in Organizations*

**After:** *Psychology at Work*

**Rationale:** This change is meant to provide a more concise description of the course content and what students can expect to learn.

---

### Course #19 MGT363H5 Designing Effective Organizations

**Before:** *Organization Design*

**After:** *Designing Effective Organizations*

**Rationale:** This change is meant to emphasize the strategic importance of organizational design for achieving a company's goals.

---

### Course #20 MGT461H5 Negotiations

**Before:** *Negotiation*

**After:** *Negotiations*

**Rationale:** This small change is meant to better align with how the course is labelled in other programs.

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### Course #21 POL368H5 Women, Gender and Politics

**Before:** *Women* and Politics

**After:** *Women, Gender* and Politics

**Rationale:**

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### Course #22 SOC209H5 Introduction to Criminology, Law and Society

**Before:** Introduction to *Criminology* and *Socio-Legal Studies*

**After:** Introduction to *Criminology, Law* and *Society*

**Rationale:** The change in course name more accurately captures the course focus and aims.

---

### Course #23 SOC361H5 Sociology of Organizations

**Before:** Sociology of Organizations *and Industrial Relations*

**After:** Sociology of Organizations

**Rationale:** The new course name reflects the content of the course. Only one of twelve sessions is devoted to unions, and none to industrial relations.

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# Courses - Other Changes

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## Course #1 ANT335H5 Anthropology of Gender

**Before:** Recommended Preparation: ANT(202H5, **203H5**)/ **203Y5**

**After:** Recommended Preparation: ANT(202H5, **203H5**)/**203Y5**

**Rationale:** Additional text added to reflect the optional international component that students may participate in.

---

## Course #2 CCT219H5 Introduction to Policy

**Before:** Prerequisite: CCT109H5, **CCT110H5, and CCT218H5**

**After:** Prerequisite: CCT109H5, **CCT110H5.**

**Rationale:** Course title and description have been changed to reflect how course will be taught in the future.

---

## Course #3 CCT285H5 Immersive Environment Design

**Before:** Prerequisite: **CCT109H5, CCT110H5**

**After:** Prerequisite: **CCT207H5, 218H5,**

**Rationale:** Description has been changed to more accurately reflect how the course is taught.

---

## Course #4 CCT305H5 Design and Implementation of Multimedia Documents (SH)

**Before:** Prerequisite: CCT109H5, **110H5**

**After:** Prerequisite: CCT109H5, **110H5, 204H5**

**Rationale:** Students and the instructor feel there is a need for a design course as preparation. CCT204H5 Design Thinking I is appropriate.

---

## Course #5 CCT321H5 Foundations of Finance and Financial Management (DEM)

**Before:** Prerequisite: **CCT224H5**; MGM101H5, 102H5

**After:** Prerequisite: **CCT224H5, CCT225H5**; MGM101H5, 102H5

**Rationale:** The current pre-requisite of CCT224 prepares students for assisting and improving the performance of organization. CCT225 will, in addition, provide students with knowledge of information systems required for problem solving and managerial decision-making thereby providing students with a more in-depth and broader foundation for studying third year finance, marketing and organizational theory courses.

---

## Course #6 CCT322H5 Marketing Information Products and Services (DEM)

**Before:** Prerequisite: **CCT224H5**

**After:** Prerequisite: **CCT224H5, CCT225H5**

**Rationale:** The current pre-requisite of CCT224 prepares students for assisting and improving the performance of organization. CCT225 will, in addition, provide students with knowledge of information systems required for problem solving and managerial decision-making thereby providing students with a more in-depth and broader foundation for studying third year finance, marketing and organizational theory courses.

---

## Course #7 CCT324H5 Organizational Theory and Behaviour (DEM)

**Before:** Prerequisite: **CCT224H5**; MGM101H5, 102H5

**After:** Prerequisite: **CCT224H5, CCT225H5**; MGM101H5, 102H5

**Rationale:** The current pre-requisite of CCT224 prepares students for assisting and improving the performance of organization. CCT225 will, in addition, provide students with knowledge of information systems required for problem solving and

managerial decision-making thereby providing students with a more in-depth and broader foundation for studying third year finance, marketing and organizational theory courses.

---

### Course #8 CCT341H5 Introduction to IT Consulting

**Before:** Prerequisite: **CCT207H5 and CCT218H5**

**After:** Prerequisite: **Minimum of 8.0 credits**

**Rationale:** This class was originally designed for IDM but will no longer be a part of the redesign. 2) We attempted to achieve the existing goal of the course which was to present students with an opportunity to work in geographically dispersed teams to solve a problem (see existing course description). This proved very difficult to arrange and is not sustainable for a course. 3) For the past 3 years we have taught this class within the context of consulting in digital industries we feel that the title should more accurately reflect the course content which includes Computer Supported Co-operative Work theories and concepts, an experiential opportunity to work with a real client, project management, and basic web design. We also bring consultants in as guest speaker in one class. The course is currently very appealing to DEM and CCIT students.

---

### Course #9 CCT365H5 Surveillance (IDM)

**Before:** Course Exclusion:

**After:** Course Exclusion: **CCT265H5**

**Rationale:** The content covered in this course is very similar to the former IDM specialist course (CCT265H5).

---

### Course #10 CCT374H5 Critical Histories of Information Technologies (IDM)

**Before:** Prerequisite: **CCT372H5**

**After:** Prerequisite:

**Rationale:** Course title and description have been changed to reflect how course will be taught in the future.

---

### Course #11 CCT376H5 Introduction to Modelling Information (IDM)

**Before:** Prerequisite: **CCT372H5**

**After:** Prerequisite: **CCT207H5, CCT218H5, CCT219H5**

**Rationale:**

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### Course #12 CCT380H5 Human-Computer Interaction and Communication

**Before:** Prerequisite: CCT109H5, **110H5/CCT100H5, 101H5**

**After:** Prerequisite: CCT109H5, **CCT110H5**

**Rationale:** Removing CCT100H5 and CCT101H5 as they were replaced by CCT109H5 and CCT110H5 in 2019. Appearing in the calendar is confusing to students.

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### Course #13 CCT383H5 The Interactive Society

**Before:** Prerequisite: CCT109H5, CCT110H5, **CCT205H5**, minimum of 8.0 credits.

**After:** Prerequisite: CCT109H5, CCT110H5, minimum of 8.0 credits.

**Rationale:** Prerequisite of CCT205H5 is not an appropriate prerequisite for this course.

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### Course #14 CCT401H5 Advanced Thesis Course (DEM)

**Before:** Prerequisite: Completion of 13.0 **credits**. Student must obtain written approval of the supervising faculty member **and the co-ordinator of the DEM program** before enrolling.

**After:** Prerequisite: Completion of 13.0 **credits and a minimum CGPA 3.0**. Student must obtain written approval of the supervising faculty member before enrolling.

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**Rationale:** There were too many students seeking supervision from faculty. This course is to provide our exceptional students an opportunity to pursue an advanced research course preparing them for graduate school,

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### Course #15 ECO318H5 Social and Economic Determinants of Labour Market Outcomes

**Before:** Course Exclusion:

**After:** Course Exclusion: **ECO439Y5**

**Rationale:** Added T24 notation to missing calendar information.

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### Course #16 ENV311H5 Environmental Issues in the Developing World

**Before:** Course Exclusion: **GGR345H5**

**After:** Course Exclusion: **ENV345H5**

**Rationale:**

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### Course #17 ENV332H5 Practicum in Environmental Project Management

**Before:** Prerequisite: 8 credits & enrolment in any of the Environment Specialist or Major **Programs with a CGPA of 2.00 or higher;** completion of any Research Methods course (e.g., GGR277H5).

**After:** Prerequisite: 8 credits & enrolment in any of the Environment Specialist or Major **Programs;** completion of any Research Methods course (e.g., GGR277H5).

**Rationale:** we removed the 2.0 CGPA requirement to help students with lower CGPA's complete the required 0.5 field, research perspective of the program. All other possible course choices require min 2.0 CGPA.

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### Course #18 ENV431H5 International Sustainability Canada-Mexico

**Before:** Prerequisite: ~~10.0~~ credits; enrolled in any of the ENV ~~Programs~~ ~~+~~ ~~PL~~

**After:** Prerequisite: **14.5** credits; enrolled in any of the ENV **Programs, or affiliated programs such as GGR, ECO, BIO, CHEM, with preference given to program specialists and majors; Application and interview required. Speaking Spanish would be an asset.**

**Rationale:** ENV331 has been part of the GGR curriculum since 2008 and was last offered in 2013. At that time we changed the course to a local field course in Southern Ontario. It has been decided to take the course back to Mexico where student thoroughly enjoyed the experience and where students have the opportunity to gain valuable international experience in environmental sustainability and human health issues

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### Course #19 GGR277H5 Qualitative Methods in Geography

**Before:** Course Exclusion: **GGR270H1**, GGR271H1, GGRC31H3

**After:** Course Exclusion: GGR271H1, GGRC31H3

**Rationale:** While GGR277 was originally designed to offer a mixed methods approach to geographic research, the focus of GGR276 and now GGR376 on explicitly quantitative research allows GGR277 to focus more exclusively on qualitative methods and thus offer a more comprehensive introduction to qualitative methods for our geography students.

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### Course #20 GGR288H5 World Fresh Water Resources

**Before:** Course Exclusion: **cannot take GGR288H5 + GGR348H5 simultaneously** GGR334H1

**After:** Course Exclusion: GGR334H1

**Rationale:** deleted web page

Exclusion no longer applies, we alternate courses year to year.

---

### Course #21 GGR348H5 The Great Lakes - A Sustainable Natural Resource?

**Before:**

Course Exclusion: **cannot take GGR288H5 + GGR348H5 simultaneously**

**After:** Course Exclusion:  
**Rationale:** Exclusion no longer applies, we alternate courses year to year.

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### Course #22 GGR370H5 The Geography of Transportation

**Before:** Prerequisite: 8.0 credits including **GGR278H5**  
**After:** Prerequisite: 8.0 credits including **GGR272H5**  
**Rationale:** Given that ggr272 is the pre-req for 278 and that 278 is a pre-req for 370, we would like to change the 370 pre-reqs to reference ggr272, and remove 278. –

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### Course #23 JAL253H5 Language and Society

**Before:** Prerequisite: LIN101H5, LIN102H5 (or LIN100Y5), or **ANT206H5. Course Exclusion: ANT253H1, JAL253H1**  
**After:** Prerequisite: **LIN204**, LIN101H5, LIN102H5 (or LIN100Y5), or **ANT206H5 Course Exclusion: JAL251H1, LINB20H3**  
**Rationale:** ANT253H5 should not be an exclusion since the courses are not similar, especially given that JAL253H5 is now always given by an instructor in Linguistics and taught from a linguistics perspective. We have updated the course numbers for exclusions in equivalent courses at the other campuses. By adding LIN204H5 as a prerequisite, we encourage ELL minor students to take this course, which it is more suited to. This would allow us to then tailor LIN256H5 Sociolinguistics to students in the Major and Minor Linguistics Studies programs. This would also allow us to offer both courses every year in tandem (currently they are offered in alternation).

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### Course #24 JAL355H5 Language and Gender

**Before:** Prerequisite: **ANT204Y5/ENG233Y5/LIN101H5/LIN102H5/SOC202Y5/214Y5/215Y5/(WGS200Y5/ERI200Y5)**  
**After:** Prerequisite: **ANT204Y5/LIN101H5/LIN102H5/(WGS200Y5/ERI200Y5)**  
**Rationale:** The prerequisites listed are no longer on the books in these departments.

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### Course #25 MGM101H5 Introduction to Management Functions

**Before:** Course Exclusion: MGTA02Y3, MGTA01H3, MGTA03H3, RSM100Y1  
**After:** Course Exclusion: MGTA02Y3, MGTA01H3, MGTA03H3, **MGTA05H3**, RSM100Y1  
**Rationale:** MGTA05H3 is a similar course at UTSC.

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### Course #26 MGM364H5 Labour Relations

**Before:** Course Exclusion: **ECO244Y5**  
**After:** Course Exclusion: **ECO244Y5, IRE244H1, MGHC53H3**  
**Rationale:** Similar courses at St. George and UTSC

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### Course #27 MGM465H5 Occupational Health & Safety

**Before:** Course Exclusion: **IRE378H1**  
**After:** Course Exclusion: **IRE378H1, MGHD24H3**  
**Rationale:** Similar course at UTSC.

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### Course #28 MGM466H5 Training & Development

**Before:** Course Exclusion:  
**After:** Course Exclusion: **IRE347H1, MGHD26H3**  
**Rationale:** Similar courses at St. George and UTSC

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### Course #29 MGT260H5 Managing Human Potential

**Before:** Course Exclusion: MGIB12H3, **MGT460H5**  
**After:** Course Exclusion: MGIB12H3, **MGT460H5, RSM361H1**  
**Rationale:** RSM361H1 is a similar course.

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### Course #30 MGT262H5 Psychology at Work

**Before:** Course Exclusion: CCT324H5; ERI260H5; MGM300H5; MGIB02H3; PSY332H1; RSM260H1; WDW260H1  
**After:** Course Exclusion: CCT324H5; ERI260H5; **IRE260H1**; MGM300H5; MGIB02H3; PSY332H1; RSM260H1; WDW260H1  
**Rationale:** IRE260H1 is a similar course.

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### Course #31 MGT420H5 Critical Thinking, Analysis and Decision Making

**Before:** Course Exclusion: **RSM426H1**  
**After:** Course Exclusion: **RSM426H1, MGAD70H3**  
**Rationale:** Similar course at UTSC.

---

### Course #32 MGT492H5 Introduction to Strategic Management

**Before:** Course Exclusion: MGSC01H3, RSM392H1  
**After:** Course Exclusion: **MGM400H5**, MGSC01H3, RSM392H1  
**Rationale:** MGM400H5 is a similar course.

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### Course #33 POL484Y5 Topics in Political Thought

**Before:** Prerequisite: POL320Y5  
**After:** Prerequisite: POL320Y5 **or consent of the instructor**  
**Rationale:** some formulations of POL 484Y/485H do not rely heavily on the theories covered in POL 320Y. Depending on the year, some students would struggle without a background in Rousseau, Burke, Mill, Marx and Nietzsche

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### Course #34 POL485H5 Topics in Political Thought

**Before:** Prerequisite: POL320Y  
**After:** Prerequisite: POL320Y **or consent of the instructor**  
**Rationale:** some formulations of POL 484Y/485H do not rely heavily on the theories covered in POL 320Y. Depending on the year, some students would struggle without a background in Rousseau, Burke, Mill, Marx and Nietzsche

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### Course #35 SOC231H5 Classical Sociological Theory

**Before:** Course Exclusion: SOC314Y5, **203Y1**  
**After:** Course Exclusion: SOC314Y5, **203Y1, SOC201H1**  
**Rationale:** SOC203H1 is an exclusion to SOC231H5.

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### Course #36 SOC300H5 Special Topics in Criminology



**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5  
**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #37 SOC303H5 White-collar and Corporate Crime

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5  
**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #38 SOC304H5 Comparative Social Policy

**Before:** Prerequisite: **SOC221H5, 231H5**, 0.5 SOC credit at the 200 level  
**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 0.5 SOC credit at the 200 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #39 SOC307H5 Crime and Delinquency

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5  
**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology, Law and Society.

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### Course #40 SOC308H5 Sociology of Gun Violence

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5  
**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #41 SOC309H5 Sociology of Mass Communication

**Before:** Prerequisite: **SOC221H5, 231H5, 1.0** SOC credit at the 200 level  
**After:** Prerequisite: **SOC205H5/231H5, 221H5, 0.5** SOC credit at the 200 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #42 SOC311H5 Special Topics in Law

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5  
**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #43 SOC313H5 Crime in Canadian Society

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5  
**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #44 SOC316H5 Crime Prevention and Security

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5

**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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#### **Course #45 SOC322H5 Criminal Justice and Inequality**

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5

**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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#### **Course #46 SOC323H5 Law and Society**

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5

**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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#### **Course #47 SOC325H5 Developments in Law and Society**

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5

**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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#### **Course #48 SOC328H5 Drugs in the City**

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5

**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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#### **Course #49 SOC330H5 Immigration and Crime**

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5

**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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#### **Course #50 SOC333H5 Sociology of Health Care and Health Policy**

**Before:** Prerequisite: **SOC221H5, 231H5**, 0.5 SOC credit at the 200 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 0.5 SOC credit at the 200 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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#### **Course #51 SOC334H5 Aging and Society**

**Before:** Prerequisite: **SOC221H5, 231H5**, 0.5 SOC credit at the 200 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 0.5 SOC credit at the 200 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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#### **Course #52 SOC335H5 Political Sociology**

**Before:** Prerequisite: **SOC221H5, 231H5**, 0.5 SOC credit at the 200 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 0.5 SOC credit at the 200 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### **Course #53 SOC336H5 Social Surveys**

**Before:** Prerequisite: **SOC221H5, 231H5**, 0.5 SOC credit at the 200 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 0.5 SOC credit at the 200 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### **Course #54 SOC338H5 Legal Developments in Criminology**

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5

**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### **Course #55 SOC340H5 Social Change**

**Before:** Prerequisite: **SOC221H5, 231H5**, 0.5 SOC credit at the 200 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 0.5 SOC credit at the 200 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### **Course #56 SOC341H5 Contemporary Issues in the Sociology of Work**

**Before:** Prerequisite: **SOC221H5, 231H5**, 0.5 SOC credit at the 200 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 0.5 SOC credit at the 200 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### **Course #57 SOC344H5 Sociological Approaches to Social Psychology**

**Before:** Prerequisite: **SOC221H5, 231H5**, 0.5 SOC credit at the 200 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 0.5 SOC credit at the 200 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### **Course #58 SOC345H5 Special Topics in Sociology**

**Before:** Prerequisite: **SOC221H5, 231H5**, 0.5 SOC credit at the 200 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 0.5 SOC credit at the 200 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### **Course #59 SOC346H5 Special Topics in Crime and Law**

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5

**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### **Course #60 SOC349H5 Sociology of Food**

**Before:** Prerequisite: **SOC221H5, 231H5**, 0.5 SOC credit at the 200 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 0.5 SOC credit at the 200 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #61 SOC350H5 Quantitative Analysis

**Before:** Prerequisite: **SOC221H5, 222H5, 231H5**

**After:** Prerequisite: **SOC205H5/231H5, 221H5, 222H5**

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #62 SOC354H5 Global Sociology

**Before:** Prerequisite: **SOC221H5, 231H5**, 0.5 SOC credit at the 200 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 0.5 SOC credit at the 200 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #63 SOC355H5 Sociology of the Professions

**Before:** Prerequisite: **SOC221H5, 231H5**, 0.5 SOC credit at the 200 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 0.5 SOC credit at the 200 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #64 SOC356H5 Population and Society

**Before:** Prerequisite: **SOC221H5, 231H5**, 0.5 SOC credit at the 200 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 0.5 SOC credit at the 200 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #65 SOC361H5 Sociology of Organizations

**Before:** Prerequisite: SOC100H5, **227H5 Recommended** Preparation:

**After:** Prerequisite: SOC100H5, **1.0 SOC credit at the 200 level Recommended** Preparation: **SOC227H5**

**Rationale:** To facilitate students enrolled in SOC Minor program to fulfill their program requirements.

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### Course #66 SOC362H5 Sex, Gender and Work

**Before:** Prerequisite: **SOC221H5, 231H5**, 0.5 SOC credit at the 200 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 0.5 SOC credit at the 200 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #67 SOC371H5 Sociology of Punishment

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5

**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #68 SOC375H5 Sociology of International Migration

**Before:** Prerequisite: **SOC221H5, 231H5**, 0.5 SOC credit at the 200 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 0.5 SOC credit at the 200 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #69 SOC378H5 Law, Crime and Justice (Formerly Law, Crime and Disrepute)

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5

**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #70 SOC379H5 Sociology of Crime

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5

**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #71 SOC384H5 Media Ethics and Policy: Controversies in Mass Communication

**Before:** Prerequisite: **SOC221H5**, **231H5**, 0.5 SOC credit at the 200 level

**After:** Prerequisite: **SOC205H5/231H5**, **221H5**, 0.5 SOC credit at the 200 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #72 SOC387H5 Qualitative Analysis

**Before:** Prerequisite: **SOC221H5**, **231H5**, 0.5 SOC credit at the 200 level

**After:** Prerequisite: **SOC205H5/231H5**, **221H5**, 0.5 SOC credit at the 200 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #73 SOC402H5 Understanding Human Action

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 level

**After:** Prerequisite: **SOC205H5/231H5**, **221H5**, 222H5, 1.0 SOC credit at the 300 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #74 SOC404H5 Special Topics in Social Policy

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 level

**After:** Prerequisite: **SOC205H5/231H5**, **221H5**, 222H5, 1.0 SOC credit at the 300 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #75 SOC410H5 Senior Seminar in Inequality

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 **level**.

**After:** Prerequisite: **SOC205H5/231H5**, **221H5**, 222H5, 1.0 SOC credit at the 300 **level**

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #76 SOC411H5 Senior Seminar in Social Institutions

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 **level**.

**After:** Prerequisite: **SOC205H5/231H5**, **221H5**, 222H5, 1.0 SOC credit at the 300 **level**

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #77 SOC412H5 Senior Seminar in the Sociology of Work

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 222H5, 1.0 SOC credit at the 300 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #78 SOC413H5 Senior Seminar in the Sociology of Gender

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 222H5, 1.0 SOC credit at the 300 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #79 SOC414H5 Senior Seminar in Political Sociology

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 222H5, 1.0 SOC credit at the 300 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #80 SOC416H5 Senior Seminar in the Sociology of Culture

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 222H5, 1.0 SOC credit at the 300 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #81 SOC417H5 Senior Seminar in the Sociology of Globalization

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 level

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 222H5, 1.0 SOC credit at the 300 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #82 SOC418H5 Senior Seminar in the Sociology of Health

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 **level**.

**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 222H5, 1.0 SOC credit at the 300 **level**

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #83 SOC420H5 Senior Seminar in Crime and Deviance

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5, 222H5, 0.5 SOC credit at the 300 level

**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5, 222H5, 0.5 SOC credit at the 300 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #84 SOC421H5 Senior Seminar in Criminology

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5, 222H5, 0.5 SOC at the 300 level

**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5, 222H5, 0.5 SOC at the 300 level

**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #85 SOC423H5 Identity Crime

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5, 222H5, 0.5 SOC credit at the 300 level.  
**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5, 222H5, 0.5 SOC credit at the 300 level.  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #86 SOC425H5 Gender in Global Contexts

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5/205H5**, 1.0 SOC credit at the 300 level  
**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 222H5, 1.0 SOC credit at the 300 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #87 SOC429H5 Disability, Politics and Society

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 level  
**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 222H5, 1.0 SOC credit at the 300 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #88 SOC430H5 Developments in Sociological Theory

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 level  
**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 222H5, 1.0 SOC credit at the 300 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #89 SOC433H5 Power and Cultural Politics

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 level  
**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 222H5, 1.0 SOC credit at the 300 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #90 SOC444H5 Advanced Topics in Sociology

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 level  
**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 222H5, 1.0 SOC credit at the 300 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #91 SOC445H5 Advanced Topics in Sociology

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 level  
**After:** Prerequisite: **SOC205H5/231H5, 221H5**, 222H5, 1.0 SOC credit at the 300 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #92 SOC446H5 Advanced Topics in Crime and Law

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5, 222H5, 0.5 SOC credit at the 300 level  
**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5, 222H5, 0.5 SOC credit at the 300 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #93 SOC447H5 Advanced Topics in Criminology

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5, 222H5, 0.5 SOC credit at the 300 level



**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5, 222H5, 0.5 SOC credit at the 300 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #94 SOC448H5 Advanced Topics in Socio-Legal Studies

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5, 222H5, 0.5 SOC credit at the 300 level  
**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5, 222H5, 0.5 SOC credit at the 300 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #95 SOC450H5 Walls to Bridges: Carceral Seminar (Formerly Inside-Out: Prisons and Punishment)

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5, 222H5, P.I.  
**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5, 222H5, P.I.  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #96 SOC452H5 Contemporary Issues in Higher Education

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 level  
**After:** Prerequisite: **SOC205H5/231H5**, **221H5**, 222H5, 1.0 SOC credit at the 300 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #97 SOC456H5 Senior Seminar in Law and Society

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5, 222H5, 0.5 SOC credit at the 300 level  
**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5, 222H5, 0.5 SOC credit at the 300 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #98 SOC457H5 Sociology of Race and Ethnicity

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5/205H5**, 1.0 SOC credit at the 300 level  
**After:** Prerequisite: **SOC205H5/231H5**, **221H5**, 222H5, 1.0 SOC credit at the 300 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #99 SOC459H5 Science, Technology and Society

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5**, 1.0 SOC credit at the 300 level  
**After:** Prerequisite: **SOC205H5/231H5**, **221H5**, 222H5, 1.0 SOC credit at the 300 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #100 SOC460H5 Migrant Labour

**Before:** Prerequisite: **SOC221H5**, 222H5, **231H5/205H5**, 1.0 SOC credit at the 300 level  
**After:** Prerequisite: **SOC205H5/231H5**, **221H5**, 222H5, 1.0 SOC credit at the 300 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #101 SOC475H5 Sociology of Law and Lawyers

**Before:** Prerequisite: **SOC205H5**, 209H5, 221H5, 222H5, 0.5 SOC credit at the 300 level



**After:** Prerequisite: **SOC205H5/231H5**, 209H5, 221H5, 222H5, 0.5 SOC credit at the 300 level  
**Rationale:** Ensure that students can take courses across our two programs: Sociology and Criminology Law and Society.

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### Course #102 WRI365H5 Editing: Principles and Practice

**Before:** Corequisite: **None Recommended** Preparation: **None**  
**After:** Corequisite:  
**Recommended** Preparation:  
**Rationale:** Errors stating "None" were removed.

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### Course #103 WRI392H5 Research and Writing

**Before:** Prerequisite: 2.0 WRI credits  
**After:** Prerequisite: **Completion of** 2.0 WRI credits  
**Rationale:** 3T removed. Tutorial was added as a feature of all WRI courses when the program began, but no tutorials have ever been offered in any WRI courses so this should be removed.

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### Course #104 utm111H5 utmONE: Tools of the Trade

**Before:** Course Exclusion: utm112H5, utm113H5, utm114H5, utm115H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5  
**After:** Course Exclusion: utm112H5, utm113H5, utm114H5, utm115H5, **utm116H5, utm117H5, utm118H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5  
**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

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### Course #105 utm112H5 utmONE: Power of Expression

**Before:** Course Exclusion: utm111H5, utm113H5, utm114H5, utm115H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5  
**After:** Course Exclusion: utm111H5, utm113H5, utm114H5, utm115H5, **utm116H5, utm117H5, utm118H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5  
**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

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### Course #106 utm113H5 utmONE: Humans in Nature: Interactions and Impacts

**Before:** Course Exclusion: utm111H5, utm112H5, utm114H5, utm115H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5  
**After:** Course Exclusion: utm111H5, utm112H5, utm114H5, utm115H5, **utm116H5, utm117H5, utm118H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5  
**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

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### Course #107 utm114H5 utmONE: Technology and Innovation: Historical, Social and Economic Perspectives

**Before:** Course Exclusion: utm111H5, utm112H5, utm113H5, utm115H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5  
**After:** Course Exclusion: utm111H5, utm112H5, utm113H5, utm115H5, **utm116H5, utm117H5, utm118H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5  
**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

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### Course #108 utm115H5 utmONE: Communication Among Cultures

**Before:** Course Exclusion: utm111H5, utm112H5, utm113H5, utm114H5, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5

**After:** Course Exclusion: utm111H5, utm112H5, utm113H5, utm114H5, **utm116H5, utm117H5, utm118H5**, utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5

**Rationale:** A sentence was added to include a unique tutorial experience offered through all utmONE courses.

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### Course #109 utm290H5 Launching your Research

**Before:** Prerequisite: **utm190H5, utm191H5, utm192H5, utm193H5, utm194H5, utm195H5, utm196H5**

**After:** Prerequisite:

**Rationale:** As this is a UTM Abroad offering, the required sentence capturing the international experience has been added to the course description.  
Prerequisites have been removed in favour for a "preference will be given to" statement in the course description.

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