



FOR APPROVAL

PUBLIC

OPEN SESSION

TO: UTM Academic Affairs Committee

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PRESENTER: See above
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DATE: January 6, 2022 for January 13, 2022

AGENDA ITEM: 4

ITEM IDENTIFICATION:

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

JURISDICTIONAL INFORMATION:

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

GOVERNANCE PATH:

- **UTM Academic Affairs Committee [for approval] (January 13, 2022)**

PREVIOUS ACTION TAKEN:

Minor undergraduate curriculum changes in the Humanities, Sciences and Social Sciences for the 2022-23 academic year were approved by the Academic Affairs Committee in September of 2021.

HIGHLIGHTS:

The Curriculum Reports are comprised of Minor Modifications to existing undergraduate programs. These curricular changes are intended to have significant positive effects on a cumulative basis but are considered to be minor changes in the context of the UTQAP. It is important to note that the changes brought forward at these meetings will come into effect during the 2022-2023 Academic Year.

The enclosed reports represent the proposed changes from the October and November 2021 meetings of the Decanal Divisional Undergraduate Curriculum Committees for Humanities,

Social Sciences, and Sciences. These curriculum committees consist of the Chairs, Associate Chairs, or Chair's designates of each UTM Department and Institute. Each of the attached curriculum reports are organized by academic unit and then sub-divided based on the type of change(s) being proposed. For this round of review, an addendum accompanies each report to summarize the course experience tags that were reviewed (see below for more details). Though listed in a separate section of the reports, these course experience tags are considered to be course modifications.

In this review cycle, many academic units at UTM reviewed their current offerings to identify courses that qualified for the new university-standard course experience types/ tags. In place of the previous experiential learning tag (EXP), which was UTM-specific and removed from course calendar entries beginning in 2020-2021, courses with an appropriate experience can now identify as offering a "University-Based Experience" (all students engage solely with the course instructor(s) to achieve course learning outcomes), a "Partnership-Based Experience" (all students complete a course requirement through supervision or engagement with an organization or individual external to the University or the course), or a "Professional Work Term" (all students complete a full-time work experience, on or off-campus, for a minimum of one term as a component of an academic program). Courses with these experience types will be identified in the academic calendar beginning 2022-2023, becoming canonical to the offering (i.e. must be offered with the identified experience every time). University-based and partnership-based experience types can further specify sub-types to signal additional information as to the nature of the experience the student can expect in a particular offering of that course. Course experience sub-types will not be identified in the academic calendar, rather they will appear in course syllabi and may change between offerings. This fall (2021), UTM academic units identified 108 courses with a course experience tag.

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

Humanities Divisional Undergraduate Curriculum Committee

The Humanities Divisional Undergraduate Curriculum Committee report summarizes changes made to 15 programs and 145 courses. Of these course changes, academic units in the Humanities are looking forward to introducing an additional 21 new courses in 2022-2023 along with 110 course modifications and 14 course retirements. 31 of the course modification proposals were to introduce either university-based or partnership-based tags. From the new course offerings, highlights include a new course in *Writing about the Visual Arts* (ENG217H5), which will emphasize the connection between English & Drama and Visual Studies. It also capitalizes on opportunities for collaboration through the Blackwood Gallery and opens the door for other community-based collaborations in the future. Two additional new offerings from the Department of English & Drama showcase the exciting interdisciplinary work being done at UTM in literature and game studies – *Interactive Storytelling & Worldmaking* (ENG218H5) and *Play and Games* (ENG263H5). The Department of Language Studies undertook a review of their French offerings, resulting in a number of course modifications in this area. Of particular note

are a number of full-credit 200-level French course offerings (FRE225Y5, FRE272Y5, FRE280Y5) that will be replaced with half-credit courses (FRE227H5, FRE272H5, FRE282H5 respectively) to reduce the credit requirement at the second year in French programs. 100- and 200-level French courses will now be concentrated in building foundational skills to prepare students for deeper disciplinary study at the senior levels.

Sciences Divisional Undergraduate Curriculum Committee

Changes proposed in the Sciences Divisional Undergraduate Curriculum Committee and reflected in the corresponding report include 33 program changes along with 165 course changes, of which 16 are new courses, 144 are modifications to existing courses (including 49 course experience tags), and 5 are course retirements/ deletions. Highlights from the Sciences include a suite of new computational biology courses from the Department of Biology (BIO259H5 *Introduction to Biological Data*; BIO427H5 *Data Science in Biology*; and BIO429H5 *Data Analysis in Neurobiology*). These courses form part of the Department's long-term plan to develop in the computational biology field and comes as a direct response to recommendations and goals set from their 2018 external review process. BIO259H5 will become the Department's standard foundational quantitative analysis course for all their programs and courses. The other program and course modifications from Department reflect this change. Additionally, the Department of Anthropology and the Institute for Management & Innovation (IMI) is introducing a number of Research Opportunity Program (ROP) courses to expand the experiential learning opportunities available to students in the sciences. All but one of these ROP courses will be senior level 300- and 400-level offerings.

Social Sciences Divisional Undergraduate Curriculum Committee

In the Social Sciences, 14 program changes were proposed along with 145 course changes (14 new courses; 117 course modifications, of which 28 are course experience tags; and 11 course retirements). Noteworthy changes include the introduction of an in-house quantitative analysis course in the Department of Management (MGT218H5 *Quantitative Analysis in Management*), which will support their three Management programs (Human Resource Management Specialist, Management Specialist, and Management Major). This new offering will allow the Department to customize content (in-course examples and case studies as well as software tools) and make quick adjustments to the course to support the needs of their students. Many of the proposed program and course changes from the Management Department are to align with this new course. Additionally, the Department of Sociology has proposed two new courses in Asia and Asian diaspora, SOC305H5 *Asian Canada and Asian Diaspora* and SOC308H5 *Law and Crime in Asia and Asian Diaspora*. These two new courses will introduce Asian diaspora (an area that currently does not have any dedicated courses in their Department) to both their Sociology and Crime and Legal Studies programs. And finally, similar to in the Sciences, the Department of Anthropology and the Institute for Management & Innovation (IMI) has introduced new ROP course offerings in their respective units. These are welcome additions that will increase the experiential learning opportunities, especially at the senior level, for students in the social sciences.

RECOMMENDATION:

Be It Resolved,

THAT the proposed Humanities, Sciences and Social Sciences undergraduate curriculum changes for the 2022-23 academic year, as detailed in the respective curriculum reports, be approved.

DOCUMENTATION PROVIDED:

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



UNIVERSITY OF TORONTO

University of Toronto Mississauga

HUMANITIES Curriculum Proposals Report

Report Generated: November 26, 2021.

Table of Contents

English and Drama (UTM), Department of	3
2 Minor Program Modifications:	3
6 New Courses:	5
2 Course Modifications:	11
1 Retired Course:	12
Geography, Geomatics and Environment (UTM), Department of	13
1 Retired Course:	13
Historical Studies (UTM), Department of	14
4 Minor Program Modifications:	14
Language Studies (UTM), Department of	20
8 Minor Program Modifications:	20
15 New Courses:	28
69 Course Modifications:	43
12 Retired Courses:	73
Philosophy (UTM), Department of	75
1 Course Modification:	75
Visual Studies (UTM), Department of	76
1 Minor Program Modification:	76
7 Course Modifications:	77
Addendum: Humanities Course Experience Tags (Fall 2021)	79

TOTAL HUMANITIES MINOR PROGRAM MODIFICATIONS: 15
TOTAL HUMANITIES NEW COURSES: 21
TOTAL HUMANITIES RETIRED COURSES: 14
TOTAL HUMANITIES COURSE MODIFICATIONS: 110 (including 31 Course Experience Tags)

2 Minor Program Modifications:

English - Major (Arts)

Completion Requirements:

At least 7.0 ENG credits, including at least 2.0 credits at the 300 or 400 level. Only 1.0 ENG course at the 100 level may be counted towards program requirements, and no more than 1.0 credit may be counted towards program requirements from the following courses: ENG234H5, ENG235H5, ENG236H5, ENG237H5, ENG238H5, ENG239H5, ENG261H5, ENG276H5, ENG277H5, ENG279H5, ENG289H5, ENG291H5, ENG344H5, ENG373H5, ENG374H5. ENG100H5 may not be counted towards program requirements. No course may be counted towards the program requirements of more than one of the 6 areas below. The major also requires the following courses:

- ENG280H5 Critical Approaches to Literature

- ENG202H5 and ENG203H5, British Literature survey parts I and II

- 3.0 credits distributed among the following areas, as follows:

- At least 0.5 credits in Literary Theory/Methods: ENG101H5, ENG201Y5, ENG204H5, ENG205H5, ENG206H5, ENG259H5, ENG269H5, ENG275H5, ENG344H5, ENG372H5, ENG380H5, ENG382Y5, ENG384H5, ENG396H5, ENG400H5, ENG414H5, ENG415H5, ENG416H5.

- At least 0.5 credits in Race, Ethnicity, Diaspora, Indigeneity: ENG271H5, ENG272H5, ENG273H5, ENG274H5, ENG309H5, ENG310H5, ENG317H5, ENG326H5, ENG334H5, ENG343H5, ENG346H5, ENG351H5, ENG355H5, ENG356H5, ENG358H5, ENG359H5, ENG367H5, ENG368H5, ENG369H5, ENG370H5, ENG371H5, ENG426H5, ENG434H5.

- At least 0.5 credits in Literature pre-1700: ENG220Y5, ENG223H5, ENG300Y5, ENG301H5, ENG303H5, ENG304H5, ENG307H5, ENG311H5, ENG312H5, ENG313H5, ENG320H5, ENG321H5, ENG326H5, ENG327H5, ENG330H5, ENG331H5, ENG335H5, ENG336H5, ENG339H5, ENG460H5, ENG461H5, ENG462H5.

- At least 0.5 credits in Literature 1700-1900: ENG305H5, ENG306Y5, ENG308Y5, ENG314H5, ENG315H5, ENG318H5, ENG322Y5, ENG323H5, ENG324Y5, ENG325H5, ENG332H5, ENG337H5, ENG338H5, ENG345H5, ENG383H5, ENG385H5, ENG386H5, ENG387H5, ENG395H5, ENG463H5, ENG470H5, ENG471H5.

- At least 0.5 credits in Canadian Literature: ENG215H5, ENG252Y5, ENG255H5, ENG271H5, ENG346H5, ENG352H5, ENG353Y5, ENG354Y5, ENG357H5, ENG358H5, ENG361H5, ENG362H5, ENG392H5, ENG393H5, ENG424H5, ENG425H5.

- At least 0.5 credits in American Literature: ENG250Y5, ENG251H5, **ENG347H5**, ENG351H5, ENG360H5, ENG363Y5, ENG364Y5, ENG365H5, ENG366H5, ENG367H5, ENG368H5, **ENG379H5**, ENG394H5, ENG395H5, ENG435H5, ENG436H5.

Rationale:

Adding two new course offerings to the American Literature course list to increase course options for students in this program.

Resource Implications:

English - Specialist (Arts)

Completion Requirements:

At least 10.0 ENG credits, including at least 3.0 credits at the 300 level and 1.0 credit at the 400 level. Only 1.0 credit at the 100 level may be counted towards program requirements, and no more than 1.0 credit may be counted towards program requirements from the following courses: ENG234H5, ENG235H5, ENG236H5, ENG237H5, ENG238H5, ENG239H5, ENG261H5, ENG276H5, ENG277H5, ENG279H5, ENG289H5, ENG291H5, ENG344H5, ENG373H5, ENG374H5. ENG100H5 may not be counted towards program requirements. No course may be counted towards the program requirements of more than one of the 6 areas below. The specialist also requires the following courses:

- ENG280H5 Critical Approaches to Literature

- ENG202H5 and ENG203H5, British Literature survey parts I and II

- 6.0 credits distributed among the following areas, as follows:

- At least 1.0 credit in Literary Theory/Methods: ENG101H5, ENG201Y5, ENG204H5, ENG205H5, ENG206H5, ENG259H5, ENG269H5, ENG275H5, ENG344H5, ENG372H5, ENG380H5, ENG382Y5, ENG384H5, ENG396H5, ENG400H5, ENG414H5, ENG415H5, ENG416H5.

- At least 1.0 credit in Race, Ethnicity, Diaspora, Indigeneity: ENG271H5, ENG272H5, ENG273H5, ENG274H5, ENG309H5, ENG310H5, ENG317H5, ENG326H5, ENG334H5, ENG343H5, ENG346H5, ENG351H5, ENG355H5, ENG356H5, ENG358H5, ENG359H5, ENG367H5, ENG368H5, ENG369H5, ENG370H5, ENG371H5, ENG426H5, ENG434H5.

- At least 1.5 credits in Literature pre-1700: ENG220Y5, ENG223H5, ENG300Y5, ENG301H5, ENG303H5, ENG304H5, ENG307H5, ENG311H5, ENG312H5, ENG313H5, ENG320H5, ENG321H5, ENG322H5, ENG326H5, ENG327H5, ENG330H5, ENG331H5, ENG335H5, ENG336H5, ENG339H5, ENG460H5, ENG461H5, ENG462H5.

- At least 1.5 credits in Literature 1700-1900: ENG305H5, ENG306Y5, ENG308Y5, ENG314H5, ENG315H5, ENG318H5, ENG322Y5, ENG323H5, ENG324Y5, ENG325H5, ENG332H5, ENG337H5, ENG338H5, ENG345H5, ENG383H5, ENG385H5, ENG386H5, ENG387H5, ENG395H5, ENG463H5, ENG470H5, ENG471H5.

- At least 0.5 credits in Canadian Literature: ENG215H5, ENG252Y5, ENG255H5, ENG271H5, ENG346H5, ENG352H5, ENG353Y5, ENG354Y5, ENG357H5, ENG358H5, ENG361H5, ENG362H5, ENG392H5, ENG393H5, ENG424H5, ENG425H5.

- At least 0.5 credits in American Literature: ENG250Y5, ENG251H5, **ENG347H5**, ENG351H5, ENG360H5, ENG363Y5, ENG364Y5, ENG365H5, ENG366H5, ENG367H5, ENG368H5, **ENG379H5**, ENG394H5, ENG395H5, ENG435H5, ENG436H5.

Rationale:

Adding two new course offerings to the American Literature course list to increase course options for students in this program.

Resource Implications:

6 New Courses:

DRE363H5: Workshop in Playwriting

Contact Hours:

Lecture: 36

Description:

This course is a continued exploration in writing for the stage for students who have already written one act or solo plays. Participant playwrights will complete a full-length play, incorporate complex structures and anti-structure, and advance their voices and skills as playwrights. The class will workshop scenes and prepare staged readings of participant work. A major focus of this course will be processes of development and revision while working with directors, actors, dramaturgs, and other collaborators.

Prerequisites:

DRE362H5

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

A sequel to a popular introductory course in playwriting that allows for lengthier and more advanced script development as well as practice collaborating with other stakeholders in a theatrical production.

Consultation:

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

Resources:

Instructor; Classroom with A/V Technology/Rehearsal Room

ENG217H5: Writing about the Visual Arts

Contact Hours:

Lecture: 36

Description:

This course introduces students to various literary traditions of writing about the visual arts, from the close analysis of images in novels, poems, and essays to verbal forms (such as ekphrasis and calligrammes) that make poetry and fiction out of paintings, photographs, and sculptures. While the puzzle of translating between space-based and time-based arts will be at the centre of our inquiry, the course will also consider texts and books as visual objects; how writers create visual experiences and mental images; and how literary writing is inspired by museums and exhibitions. Students will have opportunities to practice writing about the arts in collaboration with the Blackwood Gallery at UTM and its featured artists, and, when possible, with other Peel Region and Greater Toronto Area artists and galleries.

Prerequisites:

4.0 credits

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

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

This course complements current courses on the relationship between texts and images (e.g., in graphic novels) and music and literature. It offers a historical and theoretical survey of the conversation between the verbal and the visual arts and allows students to practice writing and thinking in concert with curators and artists at UTM's Blackwood Gallery.

Consultation:

Consultation taken with the English and Drama Curriculum Committee.

Resources:

Classroom; TA support

ENG218H5: Interactive Storytelling and Worldmaking

Contact Hours:

Lecture: 36

Description:

This course examines the deep history and extraordinary diversity of interactive storytelling, with a focus on narrative art in digital games, transmedia/cross-platform projects, alternate reality and pervasive games, theme parks, and immersive performances, as well as literary texts and films. We will consider forms (e.g., riddles, parables, metafiction, branching narratives) that require participatory agency, choice-based and emergent storytelling, as well as genres (e.g., creation myths, planetary romances, travelogues, adventure fiction, Expressionist cinema) that discover or assemble a narrative by traversing a world. We will also explore the contexts and theoretical grounds of reader- and player-centric approaches.

Prerequisites:

ENG105H5 or ENG110H5

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

Establishes literature and digital games within a spectrum of interactive media and provides historical and theoretical coordinates for more advanced study. Foundational course for a potential interdisciplinary Minor in Game Studies. This course could qualify for the Literary Theory/Methods stream of the Major and Specialist in English. The department will review this course for inclusion in that stream in 2022.

Consultation:

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

Resources:

Classroom, TA support

ENG263H5: Play and Games

Contact Hours:

Lecture: 24 / Tutorial: 12

Description:

Despite its reputation as a diversion from the serious activities of life, play has been understood by philosophers and social theorists as essential to human development and as the foundation of freedom, self-understanding, civic identity, social justice, and artistic contemplation. This course surveys the ways and reasons we play in relationship to the objects we play with, including things that are more normally thought of as games—card and board games, sports, toys, video games—as well as other sites of playful thought and action, like paintings, novels, dramatic texts, fashion, and conflict management. Students in this course will encounter major scholars of play (Schiller, Huizinga, Caillois, Winnicott, Geertz, Flanagan, McGonigal, among others) and designers of rules (Emperor Yao, Magie and Darrow, Will Wright, Sid Meier, among others), key terms and concepts in the analysis of play and games, as well as games and ludic enterprises across a variety of cultures and media. Students will also consider problems in play and games like cheating, addiction, and gamification.

Prerequisites:

ENG105H5 or ENG110H5

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

Gives students a cross-cultural literary, historical, sociological, and philosophical survey of play and the analysis of play and games. Foundational course for a potential interdisciplinary Minor in Game Studies. This course could qualify for the Literary Theory/Methods stream of the Major and Specialist in English. The department will review this course for inclusion in that stream in 2022.

Consultation:

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

Resources:

Classroom; TA support

ENG347H5: The Nineteenth-Century American Novel

Contact Hours:

Lecture: 36

Description:

This course will introduce students to historical and cultural concerns of nineteenth-century America through major subgenres of the novel, including the gothic, the sentimental, realism, and naturalism. Emphasis will be on shifts in the novel across the century as well as the relationship of the nineteenth-century novel to print culture, including serial publication in literary magazines and newspapers. We may also think about how non-fiction texts from this period draw on the conventions of fiction. Authors studied may include Charles Brockden Brown, Fanny Fern, George Lippard, Harriet Beecher Stowe, Charles Chesnut, Mark Twain, Edith Wharton, and Pauline Hopkins.

Prerequisites:

1.0 credit in ENG and 3.0 additional credits

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

The Nineteenth-Century American Novel is a standard and important generic approach to engaging nineteenth-century American literature, but we don't currently have anything like this in our course offerings. Currently, our American literature courses are either general introductory surveys at the 200-level or 300-level courses organized by period (i.e. Early American Literature or Nineteenth-Century American Literature). There aren't any course shells that focus on genre, and while one can certainly give a generic focus to the existing Nineteenth-Century American Literature course, this seems important enough for its own shell. Adding more options for teaching American literature courses will bring these offerings slightly more in line with the range of courses offered in British literary traditions. For example, this course is a kind of complement to the course we offer on the Victorian Novel.

Melissa Gniadek (Associate Professor) taught this particular course as a topics course (ENG366H) in Fall 2019 and Winter 2021. It enrolled well both times and was well-received. Giving this course its own course code would free up the ENG366H course for more specific topics.

Consultation:

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

Resources:

This course has been taught twice as ENG366H capped at 45 in an appropriately sized classroom. No additional space or resources required.

ENG379H5: American Literature in Global Contexts

Contact Hours:

Lecture: 36

Description:

We often categorize literature by its nation of origin when we study and teach, though we also recognize the limitations involved in doing so. Over the past several decades, the study of U.S. literature, in particular, has been shaped by transnational and global approaches that emphasize the porous nature of any “national” literature. In this course, students will study approaches to American Literature in global contexts. These may include hemispheric approaches to U.S. literatures that emphasize U.S. interactions with Central America and the Caribbean, engagements with Africa in U.S. literatures, or U.S. literatures and the Pacific from the eighteenth century through the present.

Prerequisites:

1.0 credit in ENG and 3.0 additional credits

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

Those of us who teach American literature in the department right now often do so with an awareness of the relationship of U.S. literatures to other geographies, literatures, and histories, in one way or another. But we do not have a course on the books that specifically foregrounds transnational or global approaches to the study of U.S. literatures, and there isn't always time to emphasize this in a survey course that needs to do other work. This course would provide an opportunity for different faculty to tailor the approach taken in any given semester, focusing on transnational approaches in general, or more specifically on hemispheric approaches to U.S. literatures that emphasize Latin America and the Caribbean, engagements with Africa in U.S. literatures, or U.S. literatures and the Pacific. I have not mentioned particular authors or texts in the course description because the description is meant to be capacious enough to allow for a range of approaches to the topic, depending on who is teaching the course, but examples could be added if necessary.

Consultation:

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

Resources:

Instructor; Classroom with A/V Technology

2 Course Modifications:

ENG234H5: Children's Literature

Description:

A critical and historical introduction to works ~~study of poetry and fiction~~ written and created for or appropriated by children, from early didactic forms through the “Golden Era” to 20th-century fiction and contemporary works that centre non-white identities and experiences. ~~The~~ ~~this~~ course may ~~also~~ include fiction, poetry, drama, ~~or~~ non-fiction, and visual media, and will cover works by: ~~The~~ authors such as John ~~studied may include~~ Bunyan, Robert Louis Stevenson, Lewis Carroll, Mark Twain, ~~Aleott, Nesbit~~, Lucy Maud Montgomery, A.A. Milne, ~~Norton~~, Louise Fitzhugh, Salman Rushdie, Cherie Dimaline, Aviaq Johnston, Katherina Vermette, Audrey Thomas, Jason Reynolds, Hanna Alkaf, Namina Forna ~~and Rowling~~. [36L]

Prerequisites:

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

New: 4.0 credits

Note:

Previous:

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

Rationale:

Course texts listed were lacking in diverse representation, and the revised description now reflects how the course is presently taught.

Resources:

ENG308Y5: Romantic Poetry and Prose

Description:

This course provides a general survey of the poetry ~~Poetry~~ and ~~critical~~ prose of the British Romantic period (roughly from 1770 to 1830) ~~Blake, W.~~ Subjects to be explored may include political revolution ~~Wordsworth~~, slavery and abolition ~~Coleridge~~, the expansion of the British empire ~~Byron~~, the flourishing of women writers and feminist thought ~~P.B. Shelley~~, and experimentation with literary forms. Authors to be considered ~~Keats~~; may include Anna Barbauld ~~brief selections from other writers such as Crabbe~~, William Cowper, William Blake, Olaudah Equiano, William ~~Dorothy~~ Wordsworth, Samuel Taylor Coleridge ~~Scott~~, Hannah More, Mary Wollstonecraft, Lord Byron, Percy Shelley ~~Lander~~, Mary Shelley, Jane Austen, Walter Scott, John Clare, Henry Louis Vivian Derozio, and John Keats ~~De Quincey~~. [72L]

Prerequisites:

1.0 credit of ~~in~~ ENG and 3.0 additional credits.

Rationale:

New descriptions provides greater clarity for students in terms of the topics that the course covers, and the author list is not more inclusive.

Resources:

N/A

1 Retired Course:

ENG307H5: Women Writers before Austen

Rationale:

This course is being split into two new courses - ENG318H5 and ENG339H5 - and will no longer be offered. Students who already have credit for this course will still be able to apply this toward program completion.

1 Retired Course:

HHS200H5: Methodological Perspectives on the Biological and Social Determinants of Health

Rationale:

This course was supposed to be part of a collaborative program in health but we could not get all of the departments to agree/come on board.

4 Minor Program Modifications:

History and Political Science - Specialist (Arts)

Enrolment Requirements:

Limited Enrolment — Enrolment ~~in the Specialist Program~~ in this program ~~History and Political Science~~ is limited.

For students applying in 2021-2022 for program entry in the 2022-2023 Academic Year, 4.0 credits are required, including the following:

- 1.0 credit of POL (with a minimum grade of at least 70% in each course)
- 1.0 credit of HIS (with a minimum grade of at least 70% in each course)
- 1. A CGPA of at least 2.00

Students enrolling at the end of ~~second first~~ year (8.0 ~~4.0~~ credits) must obtain the following:

- 2.0 credits of POL (with a minimum grade of at least 70% in each course)
- 2.0 credits of HIS (with a minimum grade ~~mark~~ of at least 70% in each course)
- A CGPA of 2.30.

For students applying in 2022-2023 (and beyond) for program entry in the 2023-2024 Academic Year (and beyond), 4.0 credits are required, including the following:

- 1.0 ~~POL~~ credit of POL (with ~~and~~ a minimum grade ~~mark~~ of at least 70% in each course)
- 1.0 ~~HIS~~ credit of HIS (with ~~and have~~ a minimum grade ~~Cumulative Grade Point Average~~ of at least 70% in each course)
- ~~ISP100H5 2.00.~~
- A CGPA of at least 2.00

Students enrolling at the end of second year (8.0 credits) must obtain the following:

- 2.0 credits of POL (with a minimum grade ~~mark~~ of at least 70% in each course)
- ~~of 2.0 POL~~ credits of HIS (with ~~and~~ a minimum grade ~~mark~~ of at least 70% in each course)
-

ISP100H5

- A CGPA of 2.0 HIS credits and a have Cumulative Grade Point Average of 2.30.

Completion Requirements:

14.0-14.5 ~~14.0~~ credits are required.

For students entering the program in 2023-2024 (and beyond): ISP100H5 (0.5 credit)

History :

7.0 credits ~~are required:~~

First Year:

1. 0.5 credit from [HIS101H5](#) or [HIS102H5](#) or [HIS103H5](#) or [HIS104H5](#) or [HIS105H5](#) or [HIS106H5](#) or [HIS107H5](#) or [HIS108H5](#) .
- 2.

0.5 credit of HIS ~~credits~~ at the 200-level.

Higher Years:

1. ~~At least~~ 1.0 credit ~~credits~~ at the 200-level or above ~~200+level~~ from two different geographical regions ~~areas~~:
 - a. ~~1.~~ Africa, Latin America, & the Caribbean: [HIS203H5](#) or [HIS290H5](#) or [HIS295H5](#) or [HIS301H5](#) or [HIS323H5](#) or [HIS325H5](#) or [HIS330H5](#) or [HIS390H5](#) or [HIS391H5](#) or [HIS403H5](#) or [HIS425H5](#) or [HIS454H5](#) or [HIS463H5](#) or [HIS464H5](#) or [HIS490H5](#) or [HIS494H5](#)
 - b. ~~2.~~ Asia and the Middle East: [HIS201H5](#) or [HIS204H5](#) or [HIS250H5](#) or [HIS282H5](#) or [HIS284H5](#) or [HIS285H5](#) or [HIS378H5](#) or [HIS382H5](#) or [HIS384H5](#) or [HIS385H5](#) or [HIS386H5](#) or [HIS387H5](#) or [HIS388H5](#) or [HIS389H5](#) or [HIS394H5](#) or [HIS397H5](#) or [HIS398H5](#) or [HIS425H5](#) or [HIS431H5](#) or [HIS448H5](#) or [HIS480H5](#) or [HIS483H5](#) or [HIS484H5](#)
 - c. ~~3.~~ Canada & U.S.A.: [HIS203H5](#) or [HIS255H5](#) or [HIS261H5](#) or [HIS263Y5](#) or [HIS271H5](#) or [HIS272H5](#) or [HIS311H5](#) or [HIS312H5](#) or [HIS313H5](#) or [HIS314H5](#) or [HIS315H5](#) or [HIS318H5](#) or [HIS319H5](#) or [HIS326Y5](#) or [HIS342H5](#) or [HIS355H5](#) or [HIS358H5](#) or [HIS367H5](#) or [HIS368H5](#) or [HIS369H5](#) or [HIS370H5](#) or [HIS371H5](#) or [HIS372H5](#) or [HIS373H5](#) or [HIS374H5](#) or [HIS393H5](#) or [HIS402H5](#) or [HIS403H5](#) or [HIS416H5](#) or [HIS438H5](#) or [HIS440H5](#) or [HIS452H5](#) or [HIS453H5](#) or [HIS461H5](#) or [HIS462H5](#) or [HIS479H5](#) or [HIS487H5](#) or [HIS494H5](#)
 - d. ~~U.S.A.~~
 4. Europe: [HIS203H5](#) or [HIS204H5](#) or [HIS221H5](#) or [HIS222H5](#) or [HIS230H5](#) or [HIS236H5](#) or [HIS241H5](#) or [HIS242H5](#) or [HIS300H5](#) or [HIS306H5](#) or [HIS308H5](#) or [HIS309H5](#) or [HIS310H5](#) or [HIS321H5](#) or [HIS327Y5](#) or [HIS336H5](#) or [HIS338H5](#) or [HIS339H5](#) or [HIS340H5](#) or [HIS357H5](#) or [HIS401H5](#) or [HIS403H5](#) or [HIS407H5](#) or [HIS409H5](#) or [HIS420H5](#) or [HIS435H5](#) or [HIS438H5](#) or [HIS475H5](#) or [HIS486H5](#) or [HIS495H5](#)
2. 2.0 credits at the 300-level or above
3. ~~300+level credits:~~
 - 1.0 ~~HIS~~ credit of HIS at the 400-level
- 4.

2.0 additional **HIS** credits of **HIS** at the 200-level or above (which ~~200+level.~~

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

Notes:

1. Specialists may substitute acceptable non-HIS courses taught elsewhere at U of T Mississauga for up to 1.0 of the HIS credits.
2. The Department of Historical Studies Handbook identifies substitutions, courses satisfying division requirements. It is available online at:

www.utm.utoronto.ca/historicalstudies

Political Science: 7.0 credits

7.0 credits in POL are required, including at least 1.0 credit at the 300 level and 1.0 credit at the 400 level and no more than 1.0 credit at the 100 level.

1. ~~1.~~ [POL200Y5](#) and [POL215H5](#) and [POL216H5](#)

2. ~~2.~~ 1.0 credit from two of the following three fields:

1. Comparative Politics - [POL203Y5](#) or [POL218Y5](#) or [POL354Y5](#) or [POL300Y5](#) or [POL302Y5](#) or [POL303Y5](#) or [POL304Y5](#) or [POL309Y5](#) or [POL332Y5](#) or [POL440Y5](#) or [POL443H5](#) or [POL443Y5](#) or [POL438H5](#) or [POL438Y5](#)

2. ~~2.~~ International Relations - [POL209H5](#) and [POL210H5](#) or [POL310Y5](#) or [POL327Y5](#) or [POL340Y5](#) or [POL343Y5](#) or [POL486Y5](#) or [POL487H5](#)

3. ~~3.~~ Public Policy and Public Administration - [POL316Y5](#) or [POL317Y5](#) or [POL317H5](#) or [POL318H5](#) or [POL336Y5](#) or [POL346Y5](#) or [POL353Y5](#) or [POL355Y5](#) or [POL368H5](#) or [POL368Y5](#) or [POL369Y5](#) or [JEP351H5](#) or [JEP356H5](#) or [JEP452H5](#) or [JPE250Y5](#) or [JPE251H5](#) or [JPE252H5](#)

3. ~~3.~~ 4.0 additional **Additional POL** credits of **POL**

Rationale:

Enrolment Requirements and Completion Requirements have been updated to reflect the implementation of ISP100H5.

Resource Implications:

South Asian Humanities - Minor (Arts)

Completion Requirements:

4.0 credits, including at least 1.0 credits at the 300/400 level. Students wishing to complete a South Asian Humanities Minor Program must successfully complete 4.0 credits from the courses listed below. These must include courses from two of the following disciplines: History (HIS), History of Religions (RLG) or Women, Gender and Sexuality Studies (WGS) within the Department of Historical Studies, Philosophy (PHL), Political Science (POL), Language Studies (LAN), Visual Studies (VCC, FAH), and Anthropology (ANT).

• SAH200H5

• 1.0 credit from the following list of courses: CIN215H5 or HIS282H5 or RLG205H5 or RLG207H5 or RLG210H5 or RLG303H5 or POL304Y5 or HIN211H5 or HIN212H5 or URD212Y5 or PUN212Y5 or SAN291Y5

- 2.5 credits from the list of electives below

ELECTIVES:

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

Anthropology: ANT316H5

Fine Art History: FAH383H5, FAH385H5

Language Studies: HIN311H5, HIN312H5, HIN313H5, HIN411H5, HIN412Y5, PRS210H5, PRS211H5, PRS310H5, PRS311H5, SAN392Y5, URD312Y5

History: HIS382H5, HIS386H5, HIS388H5, HIS389H5, HIS394H5, HIS448H5, HIS484H5

History of Religions: RLG307H5, RLG308H5, RLG310H5, RLG360H5, RLG361H5, RLG362H5, RLG365H5, RLG366H5, RLG421H5, RLG422H5, RLG460H5, RLG463H5, RLG464H5, RLG465H5

Philosophy: PHL235H5, **PHL311H5**

Political Science: POL305H5, POL305Y5, POL446H5

Visual Culture and Communication: VCC406H5

Women, Gender and Sexuality Studies: WGS345H5

Rationale:

Updating list of electives to reflect the addition of new courses in the Philosophy Department.

Resource Implications:

Women, Gender and Sexuality Studies - Major (Arts)

Completion Requirements:

7.0 credits are required.

First Year: WGS101H5

Higher Years:

- WGS200Y5

- 2.0 WGS credits at the 300+level

- 1.0 WGS credits at the 400-level

- 2.5 credits in WGS or from the list of electives below

ELECTIVES:

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

Anthropology: ANT211H5, ANT331H5, ANT335H5

Classical Civilization: CLA319H5

Communication, Culture, Information & Technology: CCT340H5

Drama: DRE366H5

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

Fine Art History: FAH435H5

French: FRE391H5

Geography: GGR313H5

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

History of Religions: RLG314H5, RLG449H5, RLG462H5

Italian: ITA392H5

Linguistics: JAL355H5

Philosophy: PHL243H5, PHL267H5, PHL367H5

Political Science: POL368Y5

Psychology: PSY317H5, PSY354H5

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

Rationale:

Updating list of electives to reflect the addition of new courses in the English Department.

Resource Implications:

Women, Gender and Sexuality Studies - Minor (Arts)

Completion Requirements:

4.0 credits are required.

First Year: WGS101H5

Higher Years:

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

ELECTIVES:

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

Anthropology: ANT211H5, ANT331H5, ANT335H5

Classical Civilization: CLA319H5

Communication, Culture, Information & Technology: CCT340H5

Drama: DRE366H5

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

Fine Art History: FAH435H5

French: FRE391H5

Geography: GGR313H5

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

History of Religions: RLG314H5, RLG449H5, RLG462H5

Italian: ITA392H5

Linguistics: JAL355H5

Philosophy: PHL243H5, PHL267H5, PHL367H5

Political Science: POL368Y5

Psychology: PSY317H5, PSY354H5

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

Rationale:

Updating list of electives to reflect the addition of new courses in the English Department.

Resource Implications:

8 Minor Program Modifications:

Education Studies - Minor (Arts)

Enrolment Requirements:

Limited Enrolment — Enrolment into the Education Studies Minor is limited. To be considered for enrolment, students are required to have completed 4.0 credits with a minimum cumulative grade point average (CGPA) of at least 2.30. Meeting the minimum requirements does not guarantee enrolment into the program.

Completion Requirements:

4.0 credits are required.

First Year: 0.5 credit from EDS100H5 or EDS101H5 (Note these courses are open ~~Open~~ to all students. Highly recommended but not required for those applying to the EDS minor.)

Second Year: EDS200H5, EDS210H5 and EDS220H5

Third and Fourth Years:

1.

EDS300H5 and EDS310H5

2.

0.5 or 1.0 credits in experiential learning (for example, EDS325H5, EDS388H5, EDS377H5) or internship courses in other subject areas as approved by the Education Studies Program Coordinator.

3.

0.5 or 1.0 remaining credits from the following: EDS250H5, EDS275H5, EDS285H5, EDS291H5, EDS345H5; EDS399H5 ; FAS453H5, FAS455H5; FRE225Y5, FRE325H5, FRE345H5, FRE352H5, FRE353H5, FRE355H5, FRE382H5, FRE383H5; LIN388H5, LIN487H5, LIN456H5; LTL227H5, LTL380H5, LTL487H5, LTL456H5, LTL486H5, LTL488H5; MAT382H5, MAT392H5; PHL272H5; PSY310H5, PSY311H5, PSY312H5, PSY313H5, PSY315H5, PSY341H5, PSY345H5, PSY410H5, PSY422Y5; SOC224H5, SOC480Y5; or additional appropriate courses as approved by the Education Studies Minor Coordinator.

NOTE: Students must check prerequisites and exclusions for courses listed above to ensure they meet the requirements for entry.

Rationale:

Updated #3 to include previously approved EDS courses as well as FAS453H5 and FAS455H5 which are teaching-centric and fit well into EDS offerings as acceptable electives.

Impact:

FAS453H5 and FAS455H5 are upper-level offerings which are restricted to program students in Art History programs. These students are also EDS Minor students. This addition will allow students to expand the range of listed electives that are closely aligned with their Major.

Resource Implications:

English Language Linguistics - Minor (Arts)

Enrolment Requirements:

Limited Enrolment — Enrolment in the Minor program is limited to students who have achieved at least 63% in both [LIN101H5](#) and [LIN102H5](#). Students who do not meet the enrolment requirements in their first year can apply for the Minor with a grade **CGPA** of 70% in at least two (2) of the following courses: [JAL253H5](#), [LIN208H5](#), [LIN228H5](#), [LIN229H5](#), [LIN231H5](#), [LIN233H5](#), [LIN232H5](#), [LIN237H5](#), [LIN256H5](#), [LIN288H5](#) ~~2-0~~.

Students cannot be enrolled simultaneously in the Linguistic Studies Major program and either the Linguistic Studies or the English Language and Linguistics Minor programs

Rationale:

We find that a CGPA requirement is too limiting and excludes students who may be particularly good in linguistics and thus well suited for the minor program, but who are not as strong in other areas. The limitation is therefore best applied to their performance in certain LIN courses. This also aligns entry requirement with the LIN Minor and Major programs.

Resource Implications:

No impact in existing resources.

French Studies - Major (Arts)

Completion Requirements:

8.0 credits are required, of which 0.5 credit must be a 400-level FRE linguistics **including at least 2.0 300/literature course 400 level courses**.

First Year: FRE180H5, FRE181H5 (or equivalent). Students exempted from these courses **must may** replace them with a higher level 1.0 credit in FRE.

Second Year: ~~FRE240Y5~~/(FRE240H5 **and** ~~FRE241H5~~), ~~FRE272H5~~ ~~FRE272Y5~~, FRE282H5, FRE283H5 ~~FRE280Y5~~

Third and Fourth Years Year:

1.
FRE382H5 and FRE380H5/FRE383H5/FRE442H5

2.
4.0 ~~3.0~~ credits to be completed in **ONE** area of concentration (French Linguistics or French & Francophone Literary and Cultural Studies)

Course Categories, **including 0.5 credit at the 400-level:**

a.

French Linguistics : FRE325H5, FRE355H5, ~~FRE372H5, FRE373H5~~, FRE376H5, FRE377H5, FRE378H5, FRE385H5, FRE387H5, FRE389H5 ~~FRE386H5~~, FRE399Y5 ~~FRE388H5~~, JFL388H5, JFL389H5, JFL454H5, FRE474H5 ~~FRE454H5~~, FRE487H5, FRE488H5, FRE489H5 ; ~~JFL389H5~~.

b.

French & Francophone Literary and Cultural Studies : ~~FFRE312H5~~ ~~FRE312H5~~, ~~FRE315Y5~~, FRE316H5, FRE340H5, FRE342H5, FRE343H5, FRE356H5, ~~FRE357H5~~, FRE363H5, FRE364H5, ~~FRE367H5~~, FRE368H5, FRE370H5, ~~FRE372H5~~, ~~FRE373H5~~, FRE391H5, FRE393H5, ~~FRE395H5~~, FRE397H5, ~~FRE399Y5~~, ~~FRE398H5~~, FRE440H5, FRE445H5, FRE446H5, FRE467H5, ~~FRE468H5~~, FRE482H5.

NOTE : No more than 1.0 credit in FRE credits taught in English (such as FRE342H5, JFL388H5 ~~FRE388H5~~, JFL389H5, JFL454H5 ~~FRE454H5~~) can be counted towards a Major program in French.

Rationale:

- Addition of 0.5FCE 400-level requirement: with the goal of increasing students' research skills and the redesign of 400-level offerings as advanced research courses, students will be required to take a half-course at this level;
- Reweighted & Renumbered required courses: 1) FRE272Y5>FRE272H5, FRE280Y5>FRE282H5: As part of the revision of all our French Major & Specialist programs, all 200-level courses are being revised from Y to H-courses for two reasons, both related to students' current level of preparation at the end of Year 1: 1) Due to changes in high school French program outcomes, students are arriving with weaker French language skills than even 5 years ago. At the beginning of and, often, throughout Year 2, many students struggle with both their French language skills and, as a consequence, their ability to engage with disciplinary materials taught in French; 2) The Major in French Studies has a very heavy second year – 3.0 of the total 8.0FCE required involve 200-level courses. By revising all 200-level Y-courses to H-courses, some of the disciplinary content will be taught rather in Year 3, which should allow students to be more successful in realizing the program learning objectives;
- Deleted required course: For the same reasons given for the 'Reweighted and Renumbered courses' immediately above, the requirement of FRE240Y5 or FRE240H5 + FRE241H5 (1.0FCE introduction to our French literature concentration) have been reduced to a single half-course (FRE240H5) via the elimination of FRE241H5
- Required third- and fourth-year courses for linguistics or literature concentration: due to the changes mentioned immediately above, the requirement for upper-level courses has been increased from 3.0 to 4.0FCE
- Revision of the Course Categories list: 1) Several new courses are being proposed (FRE354H5, FRE377H5, FRE385H5, FRE389H5, FRE398H5); 2) Courses are being retired (FRE315Y5, FRE345H5, FRE468H5, FRE372H5, FRE373H5) due to recent retirements; 3) two FRE courses (FRE388H5, FRE454H5) with parallel LIN courses (LIN388H5, LIN454H5) in the department will now be offered under the JFL (Joint French Linguistics) designator (JFL388H5, JFL454H5); 4) FRE353H5 is being redesigned as a fourth-year research course (FRE453H5); 5) The French faculty recently decided that ROP399Y can be counted towards the third- and fourth-year French linguistics or literature concentration in order to offer more research-related courses to our students; 6) The course label for 'French Literary and Cultural Studies' will be expanded to 'French & Francophone Literary and Cultural Studies' to reflect the broader focus of this area

Resource Implications:

French Studies - Minor (Arts)

Completion Requirements:

4.0 FRE credits of FRE are required, which must include:

1. A minimum with at least 2.0 credits of FRE language from the following: credits (~~FRE180Y5~~/FRE180H5/& FRE181H5/~~FRE282H5~~/~~FRE283H5~~ ~~FRE280Y5~~/FRE382H5/FRE383H5/~~FRE442H5~~/~~FRE482H5~~)
2. ~~)- Must include~~ 1.0 FRE credit of FRE at the 300/400 level.
3. Additional FRE credits to fulfill 4.0 credits.

Note: Courses offered in English are excluded (~~FRE FRC~~ and LTL).

Rationale:

- Removed retired courses (FRE180Y5, FRE280Y5)
- Addition of FRE283H5, FRE442H5, FRE482H5: These courses were previously inadvertently omitted from the list of courses in our FRE language series

Resource Implications:

No impact on existing resources.

French Studies - Specialist (Arts)

Completion Requirements:

10.0 credits are required, including at least 5.0 300/400 level credits in literature/linguistics, 1.0 of which must be a 400 level credit.

First Year: FRE180H5, FRE181H5 (or equivalent). Students ~~exempted~~ ~~exempt~~ from these courses ~~must~~ ~~may~~ replace them with a higher level 1.0 credit in FRE.

Second Year: ~~FRE240Y5~~/(FRE240H5, FRE227H5 ~~FRE241H5~~), FRE272H5 ~~FRE272Y5~~, FRE282H5, FRE283H5 ~~FRE280Y5~~

Third and ~~Fourth~~ Years:

1.
FRE382H5, FRE380H5/FRE383H5, ~~FRE442H5~~/FRE482H5

2.
4.5 ~~5.0 credits in~~ FRE credits to be completed within ONE area of concentration, ~~including 1.0 credit at the 400-level:~~
- French Linguistics
- French & Francophone Literary and Cultural Studies

3.
a.
FRE491H5/FRE492H5

Course Categories:

French Linguistics : FRE325H5, FRE355H5; ~~FRE372H5, FRE373H5~~, FRE376H5, ~~FRE377H5~~, FRE378H5, ~~FRE385H5~~, FRE387H5, ~~FRE389H5~~ ~~FRE386H5~~, FRE399Y5 ~~FRE388H5~~, JFL388H5, JFL389H5, JFL454H5 ~~FRE454H5~~, FRE487H5, FRE488H5, FRE489H5 ; ~~JFL389H5~~.

4.
French & Francophone Literary and Cultural Studies : FRE312H5; ~~FRE315Y5~~, FRE316H5, FRE340H5, FRE342H5, FRE343H5, FRE356H5; ~~FRE357H5~~, FRE363H5, FRE364H5, ~~FRE367H5~~, FRE368H5, FRE370H5; ~~FRE372H5, FRE373H5~~, FRE391H5, FRE393H5, ~~FRE395H5~~, FRE397H5, ~~FRE399Y5~~, ~~FRE398H5~~, FRE440H5, FRE445H5, FRE446H5, FRE467H5; ~~FRE468H5~~, FRE482H5.

NOTE : No more than 1.0 FRE credits taught in English (such as FRE342H5, FRE388H5, JFL389H5, FRE454H5) can be counted towards a Specialist program in French.

Rationale:

- Addition of FRE227H5 Teaching and Learning a Second/Foreign Language: in order that students in our French Studies specialist program be familiar with the three main areas of our programs, our introductory course to French language teaching and learning has been added;

- Reweighted & Renumbered required courses: 1) FRE272Y5>FRE272H5, FRE280Y5>FRE282H5: As part of the revision of all our French Major & Specialist programs, all 200-level courses are being revised from Y to H-courses for two reasons, both related to students' current level of preparation at the end of Year 1: 1) Due to changes in high school French program outcomes, students are arriving with weaker French language skills than even 5 years ago. At the beginning of and, often, throughout Year 2, many students struggle with both their French language skills and, as a consequence, their ability to engage with disciplinary materials taught in French; 2) The Specialist in French Studies has a somewhat heavy second year – 3.0 of the total 10.0FCE required involve 200-level courses. By revising all 200-level Y-courses to H-courses, some of the disciplinary content will be taught rather in Year 3, which should allow students to be more successful in realizing the program learning objectives;

- Deleted required courses: 1) For the same reasons given for the 'Reweighted and Renumbered courses' immediately above, the requirement of FRE240Y5 or FRE240H5 + FRE241H5 (two half-course introductions to our French literature concentration) have been reduced to a single half-course (FRE240H5) via the elimination of FRE241H5; 2) FRE372H5 and FRE383H5, which focus on the diachronic linguistics of French, have been removed because i) among the programs learning objectives, there is no reference to historical linguistics and literature; ii) the two courses were too different from the other French linguistics (which have a synchronic focus) or literature courses (which focus primarily on 20th- and 21st-century literature) required for this specialist program; and iii) the only faculty member with the relevant expertise retired July 1, 2020 and there are no plans to hire in this area in the future;

- New 400-level course requirements: in order to increase the level of advanced French language and disciplinary research skills among students choosing this program, an advanced writing course (FRE442H5) as well as a final-year independent study (FRE491H5/492H5) are now required

- Increase in the number of disciplinary concentration courses: the change from 4.0 to 5.0 is a consequence of the reduction of the number of 200-level courses discussed above as well as the new requirement for a final-year independent study course (FRE491H5/492H5)

Resource Implications:

Language Teaching and Learning: French - Major (Arts)

Completion Requirements:

8.0 credits are required, of which 0.5 credit must be a 400-level FRE language teaching and learning course.

First Year: FRE180H5, FRE181H5 (or equivalent). Students exempted from these courses ~~must~~ **may** replace them with a higher level 1.0 credit in FRE.

Second Year: FRE227H5 ~~FRE280Y5~~ (or equivalent), ~~FRE225Y5~~, ~~FRE240Y5~~/(FRE240H5, ~~FRE272H5~~ ~~FRE241H5~~), ~~FRE282H5~~, ~~FRE283H5~~ ~~FRE272Y5~~.

Note: ~~FRE227H5~~ ~~FRE225Y5~~ **MUST** be completed in the second year **OR** prior to enrolling in 300/400 level courses in Language Teaching and Learning.

Third & Fourth Year:

•
FRE382H5, FRE380H5/FRE383H5/FRE442H5

•
2.0 credits ~~1.0 credit~~ to be chosen among the FRE Language Teaching and Learning courses: FRE325H5, FRE345H5, FRE352H5, ~~FRE 354H5~~ ~~FRE353H5~~, FRE355H5, ~~FRE389H5~~ ~~FRE380H5~~, ~~FRE453H5~~, ~~JFL454H5~~ ~~FRE454H5~~; ~~JFL388H5~~, ~~JFL389H5~~

•
1.5 credits ~~1.0 credit~~ to be chosen among the LTL Language Teaching and Learning courses: LTL380H5, ~~LTL382H5~~, ~~LTL382H5~~ ~~LTL487H5~~, LTL456H5, ~~LTL 486H5~~, ~~LTL487H5~~ ~~LTL486H5~~, LTL488H5, ~~LTL495Y5~~, ~~LTL496H5~~

Rationale:

- Addition of 0.5FCE 400-level requirement: with the goal of increasing students' research skills and the redesign of 400-level offerings as advanced research courses, students will be required to take a half-course at this level

- Reweighted & Renumbered courses: 1) FRE225Y5>FRE227H5, FRE272Y5>FRE272H5, FRE280Y5>FRE282H5: As part of the revision of all our French Major & Specialist programs, all 200-level courses are being revised from Y to H-courses for two reasons, both related to students' current level of preparation at the end of Year 1: 1) Due to changes in high school French program outcomes, students are arriving with weaker French language skills than even 5 years ago. At the beginning of and, often, throughout Year 2, many students struggle with both their French language skills and, as a consequence, their ability to engage with disciplinary materials taught in French; 2) The Major in Language Learning: French has a very heavy second year – 4.0 of the total 8.0FCE required program credits involve 200-level courses. By revising all 200-level Y-courses to H-courses, some of the disciplinary content will be taught rather in Years 3 & 4, which should allow students to be more successful in realizing the program learning objectives

- Added courses: 1) FRE283H5: Given the need to ensure that students have the opportunity to work on both their oral and written French proficiency in Year 2, FRE280Y5, which focuses exclusively on written French, has been replaced with FRE282H5 (a half-course on written French) plus the addition of FRE283H5 that focuses on spoken French; 2) In order to have a complete list of FRE & LTL 300- and 400-level courses, both new (FRE354H5, FRE389H5, JFL385H5), renumbered (FRE353H5>453H5, FRE388H5>JFL388H5, FRE3454H5>JFL454H5), and previously inadvertently omitted courses (JFL389H5) have been added
- Deleted courses: For the same reasons given for the 'Reweighted and Renumbered courses' immediately above, the requirement of FRE240Y5 or FRE240H5 + FRE241H5 (1.0FCE introduction to our French literature concentration) have been reduced to a single half-course (FRE240H5) via the elimination of FRE241H5
- Changes to Third and Fourth-Year credit requirements: As outlined above, with the goal of lightening second-year requirements in order to assist students with better realizing the program learning objectives, 1.5 credits have been moved from Year 2 to Years 3 and 4, hence the change from 1.0>2.0 upper-year FRE Language Teaching and Learning courses and 1.0>1.5 English Language Teaching and Learning courses

Resource Implications:

No impact on existing resources.

Language Teaching and Learning: French and Italian - Specialist (Arts)

Completion Requirements:

14.0 credits are required. The program must include a minimum of 4.0 300/400 level credits (2.0 in French and 2.0 in Italian), 1.0 credit at the 400 level (either in French or Italian).

French

7.0 credits are required.

First Year: FRE180H5, FRE181H5 (or equivalent). Students exempt from these courses ~~must~~ ~~may~~ replace them with a higher level 1.0 credit in FRE.

Higher Years:

1. ~~FRE227H5~~ ~~+~~ ~~FRE280Y5 (or equivalent)~~, ~~FRE225Y5~~, ~~FRE240Y5~~/(FRE240H5, ~~FRE272H5~~ ~~FRE241H5~~), ~~FRE282H5~~, ~~FRE283H5~~ ~~FRE272Y5~~.

Note: ~~FRE227H5~~ ~~FRE225Y5~~ MUST be completed in the second year OR prior to enrolling in 300/400-level courses in Language Teaching and Learning ~~course category~~.

2. ~~FRE382H5~~ ~~and~~ ~~FRE383H5~~.
3. 1.0 credit to be chosen among the ~~FRE~~ courses in Teaching and Learning: ~~FRE325H5~~, ~~FRE345H5~~, ~~FRE352H5~~, ~~FRE354H5~~ ~~FRE353H5~~, ~~FRE355H5~~, ~~FRE389H5~~ ~~FRE380H5~~, ~~FRE453H5~~ ~~FRE454H5~~; ~~JFL454H5~~ ; ~~JFL389H~~, ~~JFL388H5~~ ~~JFL389H5~~

Italian

7.0 credits are required. ~~Some~~ ~~All~~ written work will be done in Italian in all courses.

1. ~~+~~ ITA200Y5/ITA201Y5
2. ~~and~~ ITA350H5
3. 0.5 credit from ~~ITA351H5~~, ~~ITA352H5~~, ~~ITA450H5~~

4.
ITA388H5

5.

~~3.~~ ITA437Y5

6.

~~4.~~ 2.0 additional credits in Italian Language; Linguistics; Teaching and Learning;

~~5.~~

7.

1.5 ~~2.0~~ additional credits in any of the other Italian course categories (excluding those listed above).

Rationale:

The proposed change - the addition of ITA388H5 Italian Education Internship Studies, provides a practical layer to the Teaching and Learning program. Students have the opportunity to apply theoretical knowledge gained, throughout their course experiences, outside of the traditional lecture and to connect their academic and personal interests to the relevant real-work environment. The practical component that ITA388H5 offers is aligned with program goals as well as with UTM's Academic Plan.

Rewighted & Renumbered courses: 1) FRE225Y5>FRE227H5, FRE272Y5>FRE272H5, FRE280Y5>FRE282H5: As part of the revision of all our French Major & Specialist programs, all 200-level courses are being revised from Y to H-courses for two reasons, both related to students' current level of preparation at the end of Year 1: 1) Due to changes in high school French program outcomes, students are arriving with weaker French language skills than even 5 years ago. At the beginning of and, often, throughout Year 2, many students struggle with both their French language skills and, as a consequence, their ability to engage with disciplinary materials taught in French; 2) The Specialist in Language Learning: French & Italian has a very heavy second year – 4.0 of the total 7.0FCE required French credits involve 200-level courses. By revising all 200-level Y-courses to H-courses, some of the disciplinary content will be taught rather in Years 3 & 4, which should allow students to be more successful in realizing the program learning objectives

- Added courses: 1) FRE283H5: Given the need to ensure that students have the opportunity to work on both their oral and written French proficiency in Year 2, FRE280Y5, which focuses exclusively on written French, has been replaced with FRE282H5 (a half-course on written French) plus the addition of FRE283H5 that focuses on spoken French; 2) In order to have a complete list of FRE 300- and 400-level courses, both new (FRE354H5, FRE389H5, JFL385H5), renumbered (FRE353H5>453H5, FRE388H5>JFL388H5, FRE454H5>JFL455H5), and previously inadvertently omitted courses (JFL389H5) have been added

- Deleted courses: For the same reasons given for the 'Rewighted and Renumbered courses' immediately above, the requirement of FRE240Y5 or FRE240H5 + FRE241H5 (1.0FCE introduction to our French literature concentration) have been reduced to a single half-course (FRE240H5) via the elimination of FRE241H5

- Changes to Third and Fourth-Year credit requirements: As outlined above, with the goal of lightening second-year requirements in order to assist students with better realizing the program learning objectives, 1.5 credits have been moved from Year 2 to Years 3 &4, hence the change from 1.0>2.5 300- and 400-level FRE Language

Resource Implications:

Language Teaching and Learning: Italian - Major (Arts)

Completion Requirements:

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

1.

ITA100Y5 / ITA101Y5

2.

~~;~~ ITA200Y5 / ITA201Y5

3.

~~;~~ ITA350H5 ~~;~~ and ~~ITA437Y5Y~~

4.

0.5 credit from ITA351H5 , ~~or~~ ITA352H5 , ~~or~~ ITA450H5

5.

ITA388H5

6.

ITA437Y5

7.

0.5 credit from LTL380H5 , LTL456H5 , LTL487H5 , LTL488H5

8.

1.5 additional credits in Italian Language; Linguistics; Language Teaching.

9.

1.5 ~~2.0~~ additional credits in any of the other Italian course categories (excluding those listed above).

10.

~~0.5 credit from LTL380H5, LTL456H5, LTL487H5, LTL488H5~~

Rationale:

The proposed change - the addition of ITA388H5 Italian Education Internship Studies, provides a practical layer to the Teaching and Learning program. Students have the opportunity to apply theoretical knowledge gained, throughout their course experiences, outside of the traditional lecture and to connect their academic and personal interests to the relevant real-work environment. The practical component that ITA388H5 offers is aligned with program goals as well as with UTM's Academic Plan.

Resource Implications:

15 New Courses:

EDS101H5: Health and Education

Contact Hours:

Lecture: 24

Description:

This course serves as an introduction to theory and research in the related fields of health and education. Students will learn to identify, address, and manage health-related risk in school environments by deepening their knowledge of holistic and brain-based theory. The course will explore health and wellness as a fundamental human right by addressing proactive approaches through the *Determinants of Health* and *Developmental Assets Framework*. Active research will include investigation of school-based policies and practices (e.g, the critique of a new fitness technology, examination of a school food and nutrition program, assessment of a school health campaign).

Prerequisites:**Corequisites:****Exclusions:****Recommended Preparation:****Rationale:**

Students pursuing work in education on the UTM campus come from a cross section of academic interests with many entering our program from the health sciences. As a special interest course in the Education Minor program, the course will allow students with combined interests in education and health science to explore interdisciplinary research and scholarship. This course acts as a stair step into EDS 220 Equity and Diversity as students learn about the roles and responsibilities of education stakeholders in reinforcing health and well-being as a human right. As a result of this course, students will better understand determinants of their own health and well-being and know how to identify, evaluate, and assess foundational responsibilities and policies in our systems of education. Given the alarming rise in mental health issues affecting school aged children and young adults, we need a course to equip future leaders with the theoretical background, research experience, critical thinking and assessment approaches needed to make sound decisions on health education related programming. Education studies prepares students for pathways into areas like teaching, HR and international work with non-profits and NGOs. This course sets students up for success in program development and evaluation.

Resources:

Resource Implications Form has been submitted to Dean's Office for review and approval.

FRE227H5: Teaching and Learning a Second/Foreign Language

Contact Hours:

Lecture: 24 / Tutorial: 12

Description:

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

Prerequisites:

FRE181H5

Corequisites:

Exclusions:

FRE225Y5

Recommended Preparation:

Rationale:

This H course replaces the previous Y course, FRE225Y. As part of the revision of our French Major & Specialist programs (ERMAJ1056, ERMAJ1295; ERSPE1092, ERSPE1295), all 200-level courses are being changed from Y to H-courses for two reasons, both related to students' current level of preparation at the end of Year 1: 1) Due to changes in high school French program outcomes, students are arriving with weaker French language skills than even 5 years ago. At the beginning of and, often, throughout Year 2, many students struggle with both their French language skills and, as a consequence, their ability to engage with disciplinary materials taught in French; 2) our French Major & Specialist programs currently have a very heavy second year – 3/4FCE of the total 8/10/11 required program credits involve 200-level courses. By revising all 200-level Y-courses to H-courses, some of the disciplinary content will be taught rather in Year 3, which should allow students to be more successful in realizing the program learning objectives. The new course code (FRE227) parallels those for the new Major in Language Teaching & Learning currently under review in the Dean's Office in which all second-year courses regarding the foundations of second language pedagogy are coded FRE227.

Resources:

FRE272H5: A Linguistic Introduction to the French Language

Contact Hours:

Lecture: 24 / Tutorial: 12

Description:

This course provides a linguistic introduction to the French language and French-language phenomena. Students will learn to analyze meaning, word, sound, and sentence structure; describe linguistic phenomena including first and second language acquisition, bilingualism, and creoles; and identify the linguistic variation observed among French speakers and speech communities.

Prerequisites:

FRE181H5

Corequisites:

Exclusions:

FRE272Y5

Recommended Preparation:

Rationale:

This course is being introduced to replace FRE272Y5. As part of the revision of our French Major & Specialist programs (ERMAJ1056, ERMAJ1295; ERSPE1092, ERSPE1295), all 200-level courses are being changed from Y to H-courses for two reasons, both related to students' current level of preparation at the end of Year 1: 1) Due to changes in high school French program outcomes, students are arriving with weaker French language skills than even 5 years ago. At the beginning of and, often, throughout Year 2, many students struggle with both their French language skills and, as a consequence, their ability to engage with disciplinary materials taught in French; 2) our French Major & Specialist programs currently have a very heavy second year – 3/4FCE of the total 8/10/11 required program credits involve 200-level courses. By revising all 200-level Y-courses to H-courses, some of the disciplinary content will be taught rather in Year 3, which should allow students to be more successful in realizing the program learning objectives

Resources:

FRE282H5: Intermediate Language Practice: Written French

Contact Hours:

Lecture: 24 / Tutorial: 12

Description:

This course develops writing skills at an intermediate level in the areas of vocabulary, grammar, and style. Students will acquire practical tools for understanding and producing French written texts for their university studies and beyond. Emphasis will be placed on developing descriptive, narrative, and argumentative writing skills. All students are **REQUIRED** to complete the French Placement Test (<https://frenchpt.utm.utoronto.ca/>) before enrolling in ANY FSL or FRE language course for the **FIRST** time.

Prerequisites:

FRE181H5 or FSL305Y5 or equivalent as determined by the department's French Placement Test. All students are **REQUIRED** to complete the French Placement Test (<https://frenchpt.utm.utoronto.ca/>) before enrolling in ANY FSL or FRE language course for the **FIRST** time.

Corequisites:

Exclusions:

FRE282Y5 or FSL321Y1

Recommended Preparation:

Rationale:

This will be a half-credit version of the previous FRE280Y5 course. As part of the revision of our French Major & Specialist programs (ERMAJ1056, ERMAJ1295; ERSPE1092, ERSPE1295), all 200-level courses are being changed from Y to H-courses for two reasons, both related to students' current level of preparation at the end of Year 1: 1) Due to changes in high school French program outcomes, students are arriving with weaker French language skills than even 5 years ago. At the beginning of and, often, throughout Year 2, many students struggle with both their French language skills and, as a consequence, their ability to engage with disciplinary materials taught in French; 2) our French Major & Specialist programs currently have a very heavy second year – 3/4 FCE of the total 8/10/11 required program credits involve 200-level courses. By revising all 200-level Y-courses to H-courses, some of the disciplinary content will be taught rather in Year 3, which should allow students to be more successful in realizing the program learning objectives

Resources:

FRE354H5: Teaching French in a Plurilingual Context

Contact Hours:

Lecture: 24

Description:

This course allows students to explore innovative pedagogical approaches such as the Action Oriented and Plurilingual & Pluricultural Approaches, building on knowledge and skills acquired in FRE227H5 Teaching and Learning a Second/Foreign Language. This is accomplished through the examination of the linguistic and cultural diversity observed in French Language classes today, and the discovery of innovative and current teaching approaches followed by the creation of pedagogical materials. Particular emphasis is placed on students' abilities to transfer knowledge into practice.

Prerequisites:

FRE227H5 or FRE272Y5

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

- In order to better match the interests of our current students, to better integrate the course into the Language Teaching & Learning and French program under proposal, and to benefit maximally from the research expertise of our French pedagogy faculty, a new course needs to be offered that integrates more current pedagogical approaches such as those of action oriented and plurilingual pedagogies.
- As part of the revision of our Major & Specialist programs in French Language Teaching and Learning (ERMAJ1056, ERSPE1092), all 200-level courses are being changed from Y to H-courses. As a consequence, and in order to complement at a higher-level pedagogical knowledge initiated during the second year of students' program, a new course needs to be developed and, in accordance with the programs' curriculum mapping, will give students the opportunity work further on the following learning objectives
- K6: Employ the core professional tools & resources in second language pedagogy
- K7: Evaluate the efficacy of different methodologies in addressing questions that arise in the teaching and learning of French as a second language
- K8: Critically evaluate information, arguments, assumptions, abstract concepts, and hypotheses in second language pedagogy

Resources:

Resource implication form submitted to the Office of the Dean.

FRE377H5: Phonetics & Phonology of French Foreign Accent

Contact Hours:

Lecture: 24 / Tutorial: 12

Description:

This course explores the phonetic and phonological properties of second language French learners' speech. Particular emphasis is placed on students' ability to summarize typical characteristics and phenomena of second language speech learning, identify segmental and prosodic features of non-native French including inter-learner variability, and conduct acoustic analyses of real learner speech.

Prerequisites:

((FRE272H5 or FRE272Y5) and [FRE280Y5 or (FRE282H5 and FRE283H5)]) or a minimum grade of 77% in FSL406H5

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

This course is being proposed for two reasons: 1) In keeping with the decision to reorient all current theoretical linguistics courses within our French program towards courses with a more applied focus to better meet students' interests and future professional needs, this course will be one of two to replace our current FRE376H5 French Phonology & Phonetics; 2) Prof. Steele joined the Department in 2019 and the course proposed here falls within his main areas of expertise.

Resources:

Resource Implications Form submitted.

FRE389H5: Individual Differences in Second Language Acquisition

Contact Hours:

Lecture: 24 / Tutorial: 12

Description:

This course examines the effects of cognitive (e.g., aptitude, working memory) and affective differences (e.g., motivation, L2 anxiety) on second language acquisition. Students will come to understand the nature of these differences via empirical studies on learners of French and the use of assessment instruments including questionnaires and on-line tests. Particular emphasis is placed on students' ability to discuss between-learner differences in comprehension and production, identify relevant individual differences capable of explaining such variability, and conduct their own individual differences research.

Prerequisites:

((FRE225Y or FRE227H or FRE272H5 or FRE272Y5) and [FRE280Y5 or (FRE282H5 and FRE283H5)]) or a minimum grade of 77% in FSL406H5

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

The faculty instructor who will normally offer the course, Prof. Steele, joined the Department of Language Studies in 2019. This course falls in one of his areas of expertise. Moreover, it relates to several of the main areas of focus of the French linguistics concentration within the revised Major & Specialist programs in French Studies (ERMAJ1295, ERSPE1925) submitted in Fall 2021.

Resources:

FRE395H5: Francophone Media and Global Culture

Contact Hours:

Lecture: 24

Description:

This course explores media and culture in the Francophone world through textual, graphic, musical and cinematographic content. Students will apply previously acquired knowledge in cultural studies, and their oral and written competences in French to the study of multiple cultural and mediatic forms including movies, graphic novels and songs. Particular emphasis will be placed on extending attentive reading skills as ways of thinking about texts, images and music, and on deploying these skills to better understand the relationship between different Francophone cultures within our contemporary world.

Prerequisites:

(FRE240H5 and [FRE280Y5 or (FRE282H5 and FRE283H5)]) or a minimum grade of 77% in FSL406H5

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

Prof. Pascal Michelucci and Prof. Adrien Rannaud are both developing new research projects in the course area. This new course will expand the current offerings to students in the department's Major & Specialist programs in French Studies.

Resources:

Resource Implications Form submitted

FRE398H5: The Culture of Paris

Contact Hours:

Lecture: 24

Description:

This course explores the city of Paris as it developed into a cultural beacon of excellence in French culture throughout the 19th and 20th centuries. Students will expand and apply previous knowledge in cultural studies, and their oral and written competences in French, to the study of the events that have shaped the Paris of today. Particular emphasis will be placed on extending attentive interpretive skills to the impact of historical events, city planning and promotion, and artistic celebration, and on deploying these skills to think critically about heritage in the French context. As part of this course, students have the option of participating in an international learning experience that will have an additional cost and application process.

Prerequisites:

(FRE240H5 and [FRE280Y5 or (FRE282H5 and FRE283H5)]) or a minimum grade of 77% in FSL406H5

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

This course is proposed with a view to offering it in 2022-2023 with a UTM Abroad Academic Experience in Paris. This new course will expand the current offerings to students in the department's Major & Specialist programs in French Studies, and will be offered in rotation as part of the regular teaching complement of an existing permanent prof. Consultation with International Education has taken place to offer this course (hopefully Fall 2022).

Resources:

Resource Implications Form Submitted.

LIN387H5: Theoretical Issues in Teaching and Learning Second Language Vocabulary

Contact Hours:

Lecture: 24

Description:

This course provides an overview of second language vocabulary acquisition research and the resultant implications for second language teaching. Topics include dimensions of vocabulary knowledge, incidental and intentional vocabulary learning, textbook analysis, learning strategies, and teacher beliefs about vocabulary teaching and learning. Implications are drawn for pedagogical practices, including best vocabulary teaching practices, materials selection, and measuring vocabulary knowledge.

Prerequisites:

1.0 credit from LIN228H5 or LIN229H5 or LIN231H5 or LIN232H5 or LIN237H5 or (LIN256H5 or JAL253H5) or LIN288H5.

Corequisites:

Exclusions:

LTL387H5

Recommended Preparation:

Rationale:

This course is closely related to several LTL/LIN required courses (i.e., LTL/LIN380, LTL/LIN487, LTL381) but delves into a field of language learning that has often been neglected in our language studies programs: vocabulary teaching and learning. Thus, by offering this course, students will be able to complement currently offered LTL/LIN courses with essential information about vocabulary teaching and learning. Furthermore, this course accommodates a new Tenure-Stream hire (Dr. Pablo Robles-García) who will be teaching this course and who has research expertise in the area of second language vocabulary acquisition. It will be offered jointly/simultaneously with LTL390H5 (same classroom, same instructor).

Resources:

Resource Implication Form submitted.

LTL387H5: Theoretical Issues in Teaching and Learning Second Language Vocabulary

Contact Hours:

Lecture: 24

Description:

This course provides an overview of second language vocabulary acquisition research and the resultant implications for second language teaching. Topics include dimensions of vocabulary knowledge, incidental and intentional vocabulary learning, textbook analysis, learning strategies, and teacher beliefs about vocabulary teaching and learning. Implications are drawn for pedagogical practices, including best vocabulary teaching practices, materials selection, and measuring vocabulary knowledge. This course is taught in English and is open to students from other disciplines. Written work to be completed in French/Italian for credit towards a Specialist (French or French & Italian) or Major (French/Italian).

Prerequisites:

FRE272H5 or FRE272Y5

Corequisites:

Exclusions:

LIN387H5

Recommended Preparation:

Rationale:

This course will be offered simultaneously with LIN390H5 is closely related to several LTL/LIN required courses (i.e., LTL/LIN380, LTL/LIN487, LTL381) but delves into a field of language learning that has often been neglected in our language studies programs: vocabulary teaching and learning. Thus, by offering this course, students will be able to complement currently offered LTL/LIN courses with essential information about vocabulary teaching and learning. Furthermore, this course accommodates a new Tenure-Stream hire (Dr. Pablo Robles-García) who will be teaching this course and who has research expertise in the area of second language vocabulary acquisition.

Resources:

Resource Implication Form submitted.

SPA219H5: Spanish for Heritage and Native Speakers I

Contact Hours:

Lecture: 24 / Tutorial: 12

Description:

This course is designed for heritage and native speakers with little to no knowledge of written Spanish who have basic to fluent speaking and comprehension abilities. The course provides foundations in understanding the Spanish grammatical system, opportunities to increase vocabulary and to develop writing skills and the ability to use the language across different contexts including in more formal situations. Students **MUST** complete the Spanish Language Assessment Questionnaire before enrolling in this course. Please visit <https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires>

Prerequisites:

As determined by the Spanish Language Assessment (<https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires>).

Corequisites:

Exclusions:

SPA100Y5 or SPA219Y5 or SPA219Y1 or SPA220Y5 or SPA220Y1 or SPA319H5 or SPA320Y5

Recommended Preparation:

Rationale:

The existing SPA219Y5Y course targets a wide spectrum of heritage speakers. However, in reality, this Y course is not able to adequately accommodate the disparate levels of both heritage speakers with no written and limited oral fluency and heritage/native speakers who are highly proficient in speaking and writing. Currently, the majority of students in SPA219Y5 are either advanced heritage or native speakers due to the fact that most heritage speakers who do not have sufficient written skills are placed in SPA 100Y. Splitting the Y course into two H courses will allow us to accommodate the heritage speakers with little or no exposure to written Spanish and basic oral fluency in SPA219H5, and the native/heritage speakers with written and oral fluency in SPA319H5. The reason for placing the second part of the course at the 300-level (SPA319H5) is that the vast majority of the students that finish SPA 219Y5 are far more proficient than their second language learner counterparts finishing SPA 320Y. Therefore, with SPA 219Y split into two different courses, the more advanced course should be a 300-level course rather than a 200-level course. Furthermore, students taking SPA 319H will not need to take SPA 320Y, since the level of 319H5 will be even higher than the one offered in SPA 320Y.

Resources:

SPA319H5: Spanish for Heritage and Native Speakers II

Contact Hours:

Lecture: 24 / Practical: 12

Description:

This course is designed for heritage and native speakers with solid reading and writing abilities in Spanish as well as fluent speaking and listening skills. The course provides opportunities to develop a complex Spanish grammatical system as well as opportunities to increase vocabulary, and develop writing skills and the ability to use the language across different contexts including in more formal situations.

Prerequisites:

As determined by the Spanish Language Assessment (<https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires>).

Corequisites:

Exclusions:

SPA100Y5 or SPA219Y5 or SPA219Y1 or SPA219H5 or SPA220Y5 or SPA220Y1 or SPA319H5 or SPA320Y5 or higher

Recommended Preparation:

Rationale:

The existing SPA219Y5Y course targets a wide spectrum of heritage speakers. However, in reality, this Y course is not able to adequately accommodate the disparate levels of both heritage speakers with no written and limited oral fluency and heritage/native speakers who are highly proficient in speaking and writing. Currently, the majority of students in SPA219Y5 are either advanced heritage or native speakers due to the fact that most heritage speakers who do not have sufficient written skills are placed in SPA 100Y. Splitting the Y course into two H courses will allow us to accommodate the heritage speakers with little or no exposure to written Spanish and basic oral fluency in SPA219H5, and the native/heritage speakers with written and oral fluency in SPA319H5. The reason for placing the second part of the course at the 300-level (SPA319H5) is that the vast majority of the students that finish SPA 219Y5 are far more proficient than their second language learner counterparts finishing SPA 320Y. Therefore, with SPA 219Y split into two different courses, the more advanced course should be a 300-level course rather than a 200-level course. Furthermore, students taking SPA 319H will not need to take SPA 320Y, since the level of 319H5 will be even higher than the one offered in SPA 320Y.

Resources:

Resource Implications Form submitted to Office of the Dean.

SPA390H5: Crosscultural Communication and Pragmatics in the Spanish-speaking World

Contact Hours:

Lecture: 24

Description:

The course introduces students to the different ways in which speakers communicate across the diverse Spanish-speaking world. Students will analyze how culturally defined politeness, social norms, and speaker identities impact how language is used in diverse Spanish-speaking countries. Students will also explore, identify, and solve problems resulting from cultural differences between Spanish and other languages. Furthermore, students will develop pragmatic competence in Spanish and will compare variation in pragmatic norms among different Spanish-speaking communities.

Prerequisites:

Corequisites:

SPA219Y5 or SPA319H5 or SPA320Y5

Exclusions:

Recommended Preparation:

Rationale:

Effective communication in a foreign or heritage language requires both intercultural competence and pragmatic awareness of the target culture (in the case of heritage speakers, any Hispanic culture that differs from their heritage country). Indeed, linguistic competence alone is not enough for L2 language users and heritage speakers to understand, interpret the meaning, and interact with their native counterparts unless they understand their cultural, linguistic, and social norms. Therefore, this course aims at bridging this gap by providing students with the linguistic and intercultural tools needed to become competent language users, since a course with such essential content has been missing from UTM Spanish section's curriculum. Furthermore, SPA 390 will touch base on issues related to culture, communication, and applied linguistics, aspects that will be further strengthened in future 400 level courses. This course will be one of the 300-level (along with 320Y for L2 speakers and 319H for Heritage and Native speakers of Spanish (if approved by the committee)) mandatory courses required to fulfill the future Minor in Spanish. In addition to this, the Spanish section at UTM will in the future be collaborating with the "UTM Abroad Academic Experiences" to offer Spanish students the possibility of studying in a Hispanic country. Therefore, SPA 390 will be an essential (with the potential of being mandatory) course for students who are considering studying abroad.

Resources:

Resource Implication Form has been submitted to the Office of the Dean.

SPA443H5: Studies in Spanish Linguistics: Pragmatics

Contact Hours:

Lecture: 36

Description:

This course introduces students to the discipline of linguistics through a focus on Spanish-speaking communities and the linguistic diversity amongst them. This advanced task-based course focuses on developing students' pragmatic competence in Spanish, or the ability to use the language appropriately in different social contexts. To do so, students will analyze how culturally confined politeness norms, contextual elements, and speakers' identities impact how language is used to carry out different speech acts such as requests, invitations, and apologies, among others, and will compare variation in pragmatic norms among different Spanish-speaking communities.

Prerequisites:

SPA320Y5 or (SPA219Y5 and permission of the instructor)

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

This course will be fundamental for the development of future Spanish minor program at UTM. This will be an obligatory course that students will have to take to complete the Spanish Minor program.

Resources:

Resource Implication Form has been submitted to the Office of the Dean. This course will be taught by a recent hire in DLS.

69 Course Modifications:

ARA212Y5: Introductory Arabic

Description:

This introductory course is designed for beginners, i.e., students with NO prior knowledge of the Arabic language. The course provides a basic proficiency in Modern Standard Arabic. The students will have ample practice of reading and writing the Arabic alphabet and will master the Arabic sounds and their phono-syntactic features. A foundation of grammar will familiarize the students with word formation, word order, and sentence structures. By the end of the course, the students should be able to fully read Arabic, comprehend simple reading, produce complete sentences to express basic information orally and in writing, and to conduct basic conversations in Modern Standard Arabic. All students are REQUIRED to complete the Arabic Language Assessment Questionnaire before enrolling in this course. Please visit [https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires) and complete the Arabic Language Assessment Questionnaire by no later than August 29th. Late assessment submissions will not be accepted.

Prerequisites:

All students who are enrolling in an ARA language course for the FIRST time are required to complete a language a language assessment questionnaire. ~~Students who have not completed an assessment cannot be approved for course enrolment.~~ Please visit [https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires) ~~ara languagecourse assessment questionnaire.~~

Rationale:

Clarify the requirement that a language assessment must be completed.

Resources:

ARA300Y5: Intermediate Arabic for Heritage Learners

Description:

This is an Arabic language course for heritage students, i.e. of Arab origins, who may have had passive exposure to Arabic but have never formally studied the reading and writing of Arabic. This course is also designed to help students with interest in Islamic studies who may have been exposed to elementary Qur'anic teaching but were never taught the alphabet, and who cannot communicate in spoken or written Arabic. In this course, students will begin by learning how to sound, read and write the Arabic alphabet. They will study Arabic grammar, develop reading comprehension, and practice writing skills that advance gradually throughout the course. Each unit of the course is fully supported by a range of comprehension, vocabulary-building, grammar reinforcement activities, and reading & writing exercises. Language analysis will be based on the reading of excerpts of authentic Arabic texts from contemporary literature, magazines and newspapers. By the end of this course, students will have completed the prerequisites to take Arabic reading, literature, and advanced language courses. Please visit [https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires) and complete the Arabic Language Assessment Questionnaire by no later than August 29th. Late assessment submissions will not be accepted.

Prerequisites:

As determined by assessment questionnaire([https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires) ~~ara language course assessment questionnaire~~).

Rationale:

Included requirement of completing and submitting a language assessment.

Resources:

CHI103H5: Introductory Chinese I

Description:

Intended for students with none or minimal background in Mandarin or any Chinese dialects, this course provides a comprehensive introduction to phonetics and written form of Modern Standard Chinese(Mandarin)and covers the topics of functional Chinese at beginner level. All students are REQUIRED to complete the Chinese Language Assessment Questionnaire before enrolling in this course. Please visit [https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires) and complete the Chinese Language Assessment Questionnaire by no later than August 29th. Late assessment submissions will not be accepted.

Prerequisites:

Previous:

New: All students are REQUIRED to complete the Chinese Language Assessment Questionnaire before enrolling in this course. Please visit and complete the Chinese Language Assessment Questionnaire by no later than August 29th.

Exclusions:

CHI100Y5 or(EAS100Y1 or EAS101Y1)or LGGA60H3 or ~~LGGA61H3~~ ~~LGGA61H3~~.

Rationale:

Updated description - CHI103H5 to the CHI404H5 are courses intended for second language learners of Chinese. Inclusion of a required assessment before enrolling in any one of these courses will assist in eliminating confusion and prompt students to complete the required assessment.

Resources:

CHI104H5: Introductory Chinese II

Description:

As the second half of Introductory Chinese, this course continues to expand students' knowledge and develop their language skills of Mandarin. More topics of functional Chinese are covered in this course. Students who have not completed the listed prerequisite of CHI103H5 are REQUIRED to complete the Chinese Language Assessment Questionnaire ([https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires)).

Prerequisites:

CHI103H5 or appropriate language level as indicated by the Chinese Language Assessment Questionnaire ~~language assessment questionnaire~~([https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires) ~~chinese-language-course-questionnaire~~).

Rationale:

Updated link and wording in prerequisites. Also updated description - CHI103H5 to the CHI404H5 are courses intended for second language learners of Chinese. Inclusion of mention of a required assessment before enrolling in any one of these courses will assist in eliminating confusion and prompt students to complete the required assessment.

Resources:

CHI203H5: Intermediate Low Chinese I

Description:

As a continuation of Introductory Chinese, this course aims at developing students'language comprehension, expanding their vocabulary and grammar, and improving their skills in listening, speaking, reading, writing and translation in Modern Standard Chinese(Mandarin)at intermediate level. The course content is focused on functional topics. Students who have not completed the

listed prerequisite are REQUIRED to complete the Chinese Language Assessment Questionnaire (<https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires>) by August 29th. Late assessment submissions will not be accepted.

Prerequisites:

CHI104H5 or ~~appropriate language level~~ as indicated by ~~in~~ the Chinese Language Assessment Questionnaire ~~language assessment questionnaire~~(<https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires> ~~chinese-language-course-questionnaire~~).

Rationale:

Updated description - CHI103H5 to the CHI404H5 are courses intended for second language learners of Chinese. Inclusion of a required assessment before enrolling in any one of these courses will assist in eliminating confusion and prompt students to complete the required assessment especially when they have not completed the listed prerequisite.

Resources:

CHI204H5: Intermediate Low Chinese II

Description:

As the second half of Intermediate Chinese, this course continues to develop students' language comprehension, expand their vocabulary and grammar, and improve their skills in listening, speaking, reading, writing and translation in Modern Standard Chinese(Mandarin)at the intermediate level. The course content is focused on functional topics. ~~Students who have not completed the listed prerequisite for this course are REQUIRED to complete the Chinese Language Assessment Questionnaire before enrolling in this course . Please visit <https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires> and complete the assessment questionnaire by no later than August 29th. Late assessment submissions will not be accepted.~~

Prerequisites:

CHI203H5 or ~~appropriate language level~~ as indicated by the Chinese Language Assessment Questionnaire ~~language assessment questionnaire~~(<https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires> ~~chinese-language-course-questionnaire~~).

Rationale:

Updated description - CHI103H5 to the CHI404H5 are courses intended for second language learners of Chinese. Inclusion of a required assessment before enrolling in any one of these courses will assist in eliminating confusion and prompt students to complete the required assessment especially when they have not completed the listed prerequisite.

Resources:

CHI303H5: Intermediate High Chinese I

Description:

This course, designed for second-language learners of Mandarin Chinese, aims to:1)develop listening and speaking skills in handling daily routines and social situations related to personal lives; 2) improve reading and writing skills in narration and description on everyday topics; and 3) cultivate cultural knowledge that facilitates effective intercultural communication. ~~Students who have not completed the listed prerequisite are REQUIRED to complete the Chinese Language Assessment Questionnaire (<https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires>) by August 29th. Late assessment submissions will not be accepted.~~

Prerequisites:

CHI204H5 or ~~appropriate language level~~ as indicated by ~~in~~ the Chinese Language Assessment Questionnaire ~~language assessment questionnaire~~(<https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires> ~~chinese-language-course-questionnaire~~). ~~or interview:~~

Rationale:

Updated description - CHI103H5 to the CHI404H5 are courses intended for second language learners of Chinese. Inclusion of a required assessment before enrolling in any one of these courses will assist in eliminating confusion and prompt students to complete the required assessment.

Resources:

CHI304H5: Intermediate High Chinese II

Description:

This course, designed for second-language learners of Mandarin Chinese, is the second half of Intermediate High Chinese. It continues to: 1) develop listening and speaking skills in handling daily routines and social situations related to personal lives; 2) improve reading and writing skills in narration and description on everyday topics; and 3) cultivate cultural knowledge that facilitates effective intercultural communication. **Students who have not completed the listed prerequisite are REQUIRED to complete the Chinese Language Assessment Questionnaire ([https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires)) by August 29th. Late assessment submissions will not be accepted.**

Prerequisites:

CHI303H5 or **appropriate language level** as indicated by **in** the Chinese Language Assessment Questionnaire **language assessment questionnaire**([https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires) **chinese-language-course-questionnaire**). **or interview.**

Exclusions:

CHI201H5 **or and** CHI202H5 **or and** EAS300Y1 **or and** LGGC60H3 **or and** LGGC61H3

Rationale:

Updated description - CHI103H5 to the CHI404H5 are courses intended for second language learners of Chinese. Inclusion of a required assessment before enrolling in any one of these courses will assist in eliminating confusion and prompt students to complete the required assessment.

Resources:

CHI403H5: Advanced Chinese I

Description:

This course, designed for second-language learners of Mandarin Chinese, aims to: 1) develop listening and speaking skills in handling most informal and some formal communicative tasks; 2) strengthen reading and writing skills in expository and persuasive essays on familiar cultural and social topics; 3) cultivate cultural knowledge that facilitates effective intercultural communication. **Students who have not completed the listed prerequisite are REQUIRED to complete the Chinese Language Assessment Questionnaire ([https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires)) by August 29th. Late assessment submissions will not be accepted.**

Prerequisites:

CHI304H5 or **appropriate language level** as indicated by **in** the Chinese Language Assessment Questionnaire ([https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires)) . **language assessment questionnaire.**

Rationale:

Updated description - CHI103H5 to the CHI404H5 are courses intended for second language learners of Chinese. Inclusion of a required assessment before enrolling in any one of these courses will assist in eliminating confusion and prompt students to complete the required assessment.

Resources:

CHI404H5: Advanced Chinese II

Description:

This course, designed for second-language learners of Mandarin Chinese, is the second half of Advanced Chinese. It continues to: 1) develop listening and speaking skills in handling most informal and some formal communicative tasks; 2) strengthen reading and writing skills in expository and persuasive essays on familiar cultural and social topics; and 3) cultivate cultural knowledge that facilitates effective intercultural communication. **Students who have not completed the listed prerequisite are REQUIRED to complete the Chinese Language Assessment Questionnaire ([https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires)) by August 29th. Late assessment submissions will not be accepted.**

Prerequisites:

CHI403H5 or **appropriate language level** as indicated by **in** the Chinese Language Assessment Questionnaire ([https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires)) . **language assessment questionnaire.**

Rationale:

Updated description - CHI103H5 to the CHI404H5 are courses intended for second language learners of Chinese. Inclusion of a required assessment before enrolling in any one of these courses will assist in eliminating confusion and prompt students to complete the required assessment.

Resources:

CHI410H5: Modern Chinese Literature Studies

Exclusions:

Previous: EAS358Y1

New: EAS284H1 or EAS309H1 or EAS334H1

Rationale:

Updated exclusions.

Resources:

CHI411H5: Theory and Practice in English/Chinese Translation

Description:

This course is an introduction to the major theories, methods and techniques involved in translating from English into Chinese. The course focuses on practical training for novice translators. Through practice, students will familiarize themselves with the translation process and develop a variety of translation skills and strategies. Students will discuss and reflect upon issues encountered during translation and develop decision-making ability to deal with translation challenges. This course provides a solid foundation for students to continue their studies in translation at the advanced level. **All students who have not completed the listed prerequisite are REQUIRED to complete the Chinese Language Assessment Questionnaire ([https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires)) by no later than August 29th.**

Prerequisites:

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

Rationale:

For students who have not completed the listed prerequisite it is necessary to ascertain their Chinese language fluency for this advanced course.

Resources:

EDS200H5: Child, Adolescent and Adult Development in Education

Title:

Previous: Child , Adolescent and Adult Development in Education

New: Learning Through the Lifespan

Rationale:

New title captures what is discussed in the subject matter more accurately; the focus is on learning versus teaching.

Resources:

EDS310H5: Education in a Global Context

Description:

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

New:

This course invites students to explore, analyze and compare educational themes and topics within a global context . Using leading frameworks of transformative change, students develop knowledge, apply critical thinking, practice cultural proficiency and empathy as they conduct a comparative analysis of teaching and learning models in both an international and local setting . < / span>

Recommended Preparation:

Previous: EDS300H5 (minimum 70%)

New: EDS300H5

Rationale:

This new description better captures the format and content of the course.

Resources:

EDS325H5: Supplemental Instruction in Higher Education: The Impact of Peer-Facilitated Study Groups (FSG)

Title:

Supplemental Instruction in Higher Education:~~The Impact of~~ Peer-Facilitated Study Groups (~~FSG~~)

Exclusions:

Previous Peer Facilitated Study Group experience in courses like FRE491H5 or FRE492H5 or ~~LIN495Y5~~ ~~LIN495Y5~~.

Rationale:

Added Course Experience Tag. Academic Internship: In-class component + on-site internship with university students. Partnership with RGASC for training and internship placement as Facilitated Study Group Leaders.

Resources:

FRE180H5: Introduction to French Studies I

Title:

Previous: Introduction to French Studies I

New: French Language Skills and Learning Strategies for University Study

Description:

This course provides students with **A broad introduction to French studies combining** a solid grounding in the French language skills **variety of exercises to improve discussion** and language learning strategies required for successful completion of a French Major or Specialist program **clear expression**. Students **We** will discover vocabulary and grammatical structures in **be using** a variety **selection** of authentic written **linguistic, artistic** and spoken texts **cultural sources chosen among novels, plays, films, conferences, songs**, connect form to meaning **comic strips**, participate in spoken and written interactions, and complete tasks on topics centered on student life in Montreal **audio-visual material such as interviews**. **All students are REQUIRED to complete the French Placement Test([https :// frenchpt.utm.utoronto.ca/](https://frenchpt.utm.utoronto.ca/))before enrolling in ANY FSL or FRE language course for the FIRST time.**

Rationale:

Course Title & Description: Due to changes in high school French program outcomes, students are arriving with weaker French language skills than even 5 years ago. In this introductory course for our French Major & Specialist programs, many students have struggled with both their French language skills and, as a consequence, their ability to engage with disciplinary materials taught in French. Therefore, in order to better match the French language abilities of our current students, the content of this course is being redesigned using a task-based pedagogical approach so as to focus on the preparation of a trip and a study abroad experience in Montreal. This includes a primary focus on strengthening language skills including via the introduction of second language learning strategies so that students will be better prepared to engage with the disciplinary content encountered in subsequent courses. Disciplinary-related knowledge will now be taught in our second first-year FRE course, FRE181H5

- Prerequisite: Given the large variability in high school French program outcomes, completion of Grade 12 Core French can no longer be used as a reliable measure of university-entry French proficiency. Student placement will furthermore be based on students having taken one of our one courses (FSL205Y) or our French Placement Test

Resources:

No impact on existing resources

FRE181H5: Introduction to French Studies II

Title:

Introduction to French Studies **H**

Description:

This course provides an **Consolidates the development of written expression through a broad** introduction to French studies with a focus on expanding students' French language proficiency **Studies. Varied exercises are used to improve argumentation and clear expression**. It also introduces basic notions in French linguistics **Course materials include linguistic, literary & artistic and cultural studies sources chosen among novels, plays, films, conferences, songs, comic strips**, and language teaching & learning . Students will practise processing authentic texts in a variety of written and spoken formats through the guided discovery of new vocabulary and through the consolidation of grammatical structures. They will learn to connect form to meaning and to develop their spoken and written skills via an investigation of global French-speaking cultures **audio-visual materials such as interviews**. **All students are REQUIRED to complete the French Placement Test([https :// frenchpt.utm.utoronto.ca/](https://frenchpt.utm.utoronto.ca/))before enrolling in ANY FSL or FRE language course for the FIRST time.**

Rationale:

Course title: As FRE180H5 will no longer be called 'Introduction to French Studies I', FRE181H5 will simply be labelled 'Introduction to French Studies'

Course description: As part of the renewal of our French MAJ and SPEC programs (ERMAJ1056, ERMAJ1295; ERSPE1092, ERSPE1295), this core introductory course is being redesigned to better align with program learning outcomes

Resources:

No impact on existing resources

FRE240H5: Reading Classical French Masterworks**Title:**

Previous: Reading Classical French Masterworks

New: Interpreting French Narratives

Description:**Previous:**

This course focuses on a variety of texts from the Renaissance (16th Century) to the Enlightenment (18th Century) in order to explain the evolution of French imaginary forms . This survey offers an examination of literary movements, social meanings, and genres like poetry, novel, short story, drama and essay .

New:

This course provides an introduction to French & Francophone literary and cultural studies, providing students with a set of interpretive tools that they can use to analyze narrative texts and movies in French classes and beyond . Particular emphasis will be placed on developing attentive and critical reading skills about and through narrative texts and movies, and on deploying these skills accurately in written and oral productions and discussions .

Rationale:

The course has been redesigned to better meet i) the learning objectives of the Literary & Cultural concentration of our MAJ and SPEC programs in French Studies, and ii) the interests, needs, and start-of-program abilities of our current students.

Resources:

FRE283H5: Language Practice: Oral**Title:**

Intermediate Language Practice:Spoken French ~~Oral~~

Description:

This ~~Intensive practice of oral production and aural comprehension of French for students who seek to enhance their oral skills.~~ The course provides students with intensive practice in listening and spoken French at the intermediate level. Students will acquire the skills and vocabulary necessary for ~~in~~ daily conversations and ~~for an~~ understanding o f ~~of~~ Francophone culture through exposure to various media and authentic documents such as songs, storytelling ~~radio~~, videos ~~interviews~~, games ~~storytelling~~, and interviews and other media ~~ete~~. Particular attention is paid to ~~Focus on~~ spontaneous speech, formal and informal interactions, as well as presentation skills. **All students are REQUIRED to complete the French Placement Test (<https://frenchpt.utm.utoronto.ca/>) before enrolling in ANY FSL or FRE language course for the FIRST time .**

Prerequisites:

FRE181H5 or FSL305Y5 or or the equivalent as determined by the department ' s French Placement Test (<https://frenchpt.utm.utoronto.ca/>).

Exclusions:

Not ~~FRE383H5~~ and ~~not~~ open to native or near native speakers of French.

Rationale:

- Course Title & Description: The title has been modified to indicate the learner level, the description to better reflect the current content of the course

- Course format: The change from 'T' to 'PRA' reflects the use of the active learning classroom for this course

- Changes to exclusion, corequisite, and recommended preparation: All changes are related to the course now being required in our revised MAJ and SPEC programs in French Studies

Resources:

FRE312H5: From the Gothic and Fantastic Novels to Realism in Quebec

Title:

Modernity , Tradition, ~~From the Gothic~~ and Resistance ~~Fantastic Novels to Realism~~ in Quebec Literature

Description:

This course explores ~~A study of~~ the tension between modernity and tradition in a range ~~first wave~~ of fiction and non-fiction written in Quebec from the 19 th century to ~~1830 with~~ the present day. Students will apply previous knowledge in literature ~~Gothic Novel~~, and their oral ~~its evolution through fantasy, folklore~~ and written competences in French to the study ~~Novel~~ of multiple literary genres including the novel, short story, essay and journalistic texts. Particular emphasis will be placed on extending attentive reading skills as ways of reflecting on texts and their relationship ~~Land which spread from 1846~~ to gender, freedom, identity, space and history ~~1945. [24L]~~

Prerequisites:

(~~FRE240H5 and [FRE280Y5 or (FRE282H5 and FRE283H5)]~~) or a minimum grade of 77% in ~~FSL406H5) and (FRE240H5 and FRE241H5 or FRE240Y5) or permission of the department.~~

Rationale:

- Course title & description: The course has been redesigned to better meet i) the learning objectives of the Literary & Cultural concentration of our MAJ and SPEC programs in French Studies and ii) the specific learning outcomes of all 300-level French & Francophone Literary & Cultural courses including greater opportunities to improve students' oral and written French
- Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

Resources:

FRE316H5: Urban Attraction and the Quebec Contemporary Novel

Title:

Previous: Urban Attraction and the Quebec Contemporary Novel

New: Comedy and Tragedy in Quebec Theatre

Description:

Previous: A Study of the new forms of literary expression that took place in Quebec after the Second World War to today . [24L]

New:

This course explores topics in Quebec theatre, from the 19 < / span> th century to the present day . Students will apply previous knowledge in literature, and their oral and written competences in French to the study of a variety of plays. Particular emphasis will be placed on extending attentive reading skills as ways of reflecting on dramatic texts and their relationship to space, language , and society .

Prerequisites:

(~~FRE240H5 and [FRE280Y5 or (FRE282H5 and FRE283H5)]~~) or a minimum grade of 77% in ~~FSL406H5. FSL406H5) and (FRE240H5 and FRE241H5 or FRE240Y5) or permission of the department.~~

Rationale:

- Course title & description: The content of FRE417H5 Comedy and Tragedy in Quebec Theatre has been transferred to this 300-level course, as 400-level courses in our revised MAJ & SPEC French Studies programs will now have a primary research focus. The revised FRE316H5 also replaces FRE315Y5 French Theatre and Performance (retired) and gives students in our MAJ and

SPE programs an opportunity to delve into drama and theatre.

- Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

Resources:

FRE325H5: Language Acquisition of French

Title:

Talking like a child : language acquisition ~~Language Acquisition~~ of French

Description:

We might not remember how we learned our ~~An introduction to the field of~~ first language (s) but we know it/ them so well ... Or do we? ~~acquisition from a theoretical perspective.~~ We take ~~will study various aspects:~~ the child 's perspective in language learning ~~acquisition of phonology, vocabulary,~~ focusing on the ~~morphology and syntax.~~ The following topics ~~will be dealt with:~~the acquisition of grammar, ~~relationship between~~ the development of communicative skills, ~~language and~~ the development of a language in a multilingual environment (as a majority language v er s us a heritage language) , ~~other cognitive aspects;~~ ~~bilingualism;~~ the differences and ~~the~~ similarities between simultaneous ~~first~~ and successive ~~second~~ language acquisition.

Prerequisites:

((FRE272H5 ~~FRE225Y5~~ or FRE272Y5)and [FRE280Y5 or(FRE282H5 ~~FRE240H5~~ and FRE283H5 ~~FRE241H5~~)) ~~or (FRE240Y5 or FRE280Y5~~ or a minimum grade of 77% in FSL406H5)

Rationale:

- Course title & Description: The revisions are part of an initiative to make our French linguistics course descriptions more accessible and inviting for students

- Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

Resources:

FRE342H5: History of Quebec and French Canada

Prerequisites:

FRE280Y5 or (FRE282H5 and FRE283H5) or a minimum grade of 77% in FSL406H5

Rationale:

Prerequisite change: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies.

Resources:

FRE352H5: Teaching French Grammar

Prerequisites:

~~{(FRE227H5 and (FRE272H5 ~~FRE225Y5~~ or FRE272Y5)and [FRE280Y ~~or (FRE240Y5~~ or (FRE282H5 ~~FRE240H5~~ and FRE283H5 ~~FRE241H5~~))]} and (FRE280Y5 or a minimum grade of 77% in FSL406H5).~~

Rationale:

Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

Resources:

FRE355H5: Psycholinguistics and Teaching and Learning French as a Second Language

Title:

Previous: Psycholinguistics and Teaching and Learning French as a Second Language

New: Psycholinguistics : multilingual learners in action

Description:

Previous: An introduction to the study of the main psychological factors that influence the acquisition and use of French as a second language . To better understand the communication needs of the language learner, we will examine the learner ' s style (attitude, motivations, learning patterns) in relation to cognitive processes such as perception, production and memory. Emphasis on various teaching strategies. [24L, 12T]

New:

This course provides an introduction to real-time language interaction in multilingual comprehension and production . A primary focus will be on language development, spoken and written language processing, the organisation of multilingual memory, and the main experimental methods in psycholinguistics .

Prerequisites:

((FRE272H5 ~~FRE225Y5~~ or FRE272Y5)and [FRE280Y5 or(FRE282H5 ~~FRE240H5~~ and FRE283H5 ~~FRE241H5~~)] and ~~(FRE280Y5~~ or a minimum grade of 77% in FSL406H5 ~~or equivalent~~).

Rationale:

- Course title & description: These have been revised to reflect more accurately changes in the syllabus content over the past 10 years and to make them more accessible and inviting for students

- Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

Resources:

FRE356H5: Versailles and the Classical Age

Contact Hours:

Previous: Lecture: 12 / **Tutorial:** 12

New: Lecture: 24

Description:

Previous:

A close survey of selected literary texts from 17th century France in their political, social and artistic context . A selection from French drama, poetry and prose of the French classical age will be presented and analyzed. A study of Versailles palace and gardens and of life at court during the reign of King Louis XIV, the 'Sun King', will be included. Recommended companion course for FRE373H5 The French Language through Space and Time II .

New:

This course explores topics in 17th century French culture and Versailles as the expression of the major cultural achievements of this period . Students will apply their oral and written competences in French to the study of a variety of texts, art forms, and media. Particular emphasis will be placed on extending attentive interpretive skills as ways to reflect on the development of 17th century classical taste and its relationship to its political, social, and artistic context .

Prerequisites:

(FRE240H5 and [FRE280Y5 or (FRE282H5 and FRE283H5)]) or a minimum grade of 77% in FSL406H5

Mode of Delivery:

Previous:

New: In Class

Rationale:

- Course description: The course has been redesigned to better meet i) the learning objectives of the Literary & Cultural concentration of our French MAJ and SPEC programs in French Studies and ii) the specific learning outcomes of all 300-level French & Francophone Literary & Cultural courses including greater opportunities to improve students' oral and written French
- Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies
- Contact hours: these have been changed to better align with content and learning outcomes of all FRE 300-level French Literary & Cultural studies courses.

Resources:

FRE363H5: Love and Pain in French Literature

Description:

This course explores the tension between love and pain in a range of French literary works from 1800 to the contemporary era. Students will apply their previous knowledge in literature **How are marriage, family life, adultery,** and oral and written competences **forbidden love represented in French literature? How do** French, to the study **authors handle various types** of multiple autobiographical and literary genres. Particular emphasis will be placed on extending attentive reading skills **love such** as ways of reflecting on first- and third-person writing and its relationship to **passion, unrequited love, and jealousy in light of the gendered** social context and expectations, and gender.

pressures of their times? </p>

Prerequisites:

(FRE240H5 and [FRE280Y5 or (FRE282H5 and FRE283H5)]) or a minimum grade of 77% in FSL406H5) and [FRE240Y5 or (FRE240H5 and FRE241H5)]

Rationale:

- Course description: The course has been redesigned to better meet i) the learning objectives of the Literary & Cultural concentration of our French MAJ and SPEC programs in French Studies and ii) the specific learning outcomes of all 300-level French & Francophone Literary & Cultural courses including greater opportunities to improve students' oral and written French
- Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

Resources:

FRE364H5: Society through the French Novel

Description:

This course explores the representation of **various responses to** social issues in **by the** French literature, **novel** from the 19 th century **Realism** to the contemporary era. Students will apply previous knowledge in literature, and their oral and written competences in French to the study **How are themes** of social exclusion and marginality, class consciousness, and social identities as literary themes . Particular emphasis will be on extending attentive reading skills as ways of thinking about **given prominence? What shifting approaches to** storytelling and its relationship **character do novelists develop** to character, **address** the interplay between documentary and fictional genres, and commitment through authorship.

social issues of their times? </p>

Prerequisites:

(FRE240H5 and [FRE280Y5 or (FRE282H5 and FRE283H5)]) or a minimum grade of 77% in FSL406H5) and [FRE240Y5 or (FRE240H5 and FRE241H5)]

Rationale:

- Course description: The course has been redesigned to better meet i) the learning objectives of the Literary & Cultural concentration of our French MAJ and SPEC programs in French Studies and ii) the specific learning outcomes of all 300-level French & Francophone Literary & Cultural courses including greater opportunities to improve students' oral and written French
- Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

Resources:

FRE467H5: Time, Faith, and Human Condition

New Course Code:
FRE367H5

Title:
Previous: Time , Faith, and Human Condition
New: French Fiction of the 20th Century

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

Description:
Previous: French writers in the first half of the 20th century use several techniques to discuss the passage of time and the impact of memory, religious beliefs and spirituality as well as social and political activism . These are examined in selected prose fiction by Proust, Gide, Malraux and Breton. [12L, 12T]
New:

This course allows students to explore < / span> French fiction of the 20 th Century . Students apply previous knowledge in literature and cultural studies, and their oral and written competences in French to the study of works. Particular emphasis will be placed on extending attentive reading skills as ways of reflecting on memory and the telling of war experiences , the lives of women , and crime and guilt in the French context .

Prerequisites:
FRE280Y5 (or equivalent) and(FRE240H5 and [FRE280Y5 FRE241H5 or (FRE282H5 and FRE283H5)] **FRE240Y5**)**or a minimum grade of 77% in FSL406H5**

Exclusions:
Previous: FRE426Y5
New: FRE467H5

Rationale:
Course level: in keeping with the decision to make all 400-level FRE courses research oriented and 300-level courses in-depth explorations of periods and themes, this course will be moved to the 300 level
- Course title & description: The course has been redesigned to better meet i) the learning objectives of the Literary & Cultural concentration of our MAJ and SPEC programs in French Studies and ii) the specific learning outcomes of all 300-level French Literary & Cultural courses including greater opportunities to improve students' oral and written French
- Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies
- Contact hours: The contact hours are being aligned with similar courses at the 300 level.

Resources:

FRE369H5: The French Novel Today

Description:

Previous: Contemporary novels are numerous and varied, ranging from scandalous writings about the self to unusual experiments in story-telling, from fictions dealing with deep social issues to works that express diffidence about literature 's power of influence . This course will focus on several extremely contemporary works by authors such as Houellebecq, Ernaux, Duras, or Le Clézio. [24L]

New:

This course explores contemporary French literature . Students will apply previous knowledge in literature, and their oral and written competences in French to the study of < / span> key trends in contemporary fiction and autobiography . Particular emphasis will be placed on extending attentive reading skills as ways of reflecting on storytelling and its relationship to critical social commentary, the creative power of language, and testimony .

Prerequisites:

(FRE240H5 and [FRE280Y5 or (FRE282H5 and FRE283H5)]) or a minimum grade of 77% in FSL406H5) and (FRE240H5 and FRE241H5 or FRE240Y5)

Rationale:

- Course description: The course has been redesigned to better meet i) the learning objectives of the Literary & Cultural concentration of our French MAJ and SPEC programs in French Studies and ii) the specific learning outcomes of all 300-level French & Francophone Literary & Cultural courses including greater opportunities to improve students' oral and written French
- Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

Resources:

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

Prerequisites:

(FRE240H5 and [FRE280Y5 FRE241H5 or FRE240Y5) and(FRE282H5 and FRE283H5)]) FRE280Y5 or a minimum grade of 77% in FSL406H5);

Rationale:

- Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

Resources:

FRE376H5: French Phonology and Phonetics

Prerequisites:

((FRE272H5 or FRE272Y5) and [(FRE280Y5 or (FRE282H5 and FRE283H5)]) or a minimum grade of 77% in FSL406H5)

Rationale:

- Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

Resources:

FRE378H5: French Syntax

Title:

French syntax and the multilingual speaker ~~Syntax~~

Description:

This course explores the sentential structure ~~A study~~ of French through the lens ~~distribution and relationships~~ of language learners. The focus is first and foremost on the learning ~~syntagmatic components~~ of ~~contemporary~~ French grammar; ~~the sentential structure~~ including relative clauses ~~the principle of coordination~~, negation, pronominals ~~subordination~~ and the agreement system ~~expansion~~. ~~Theoretical approaches~~.

Prerequisites:

~~((FRE272H5 or FRE272Y5) and [(FRE280Y5 or (FRE282H5 and FRE283H5))]) or a minimum grade of 77% in FSL406H5~~;

Rationale:

- Course title & description: The changes are in keeping with the decision to reorient all current theoretical linguistics courses within our French program towards courses with a more applied focus to better meet students' interests and future professional needs

- Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

Resources:

FRE380H5: Plurilingual Theatre : Developing Writing and Oral Skills in French

Prerequisites:

~~FRE240H5 and FRE241H5~~(~~FRE240H5 or FRE240Y5~~) and [FRE280Y5 or (FRE282H5 and FRE283H5)] or a minimum grade of 77% in FSL406H5 ~~or equivalent~~;

Rationale:

- Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

Resources:

FRE382H5: Advanced Language Practice: Written French

Prerequisites:

~~FRE282H5 or FRE280Y5~~ or a minimum grade of 77% in FSL406H5 or the equivalent as determined by the department 's French Language Placement Test. ~~in FSL406H5~~

Exclusions:

~~FSL442H1~~. Not normally open to francophones and/or holders of the French baccalaureat; but contingent on the results of the French Language Placement Test. ~~Test~~.

Rationale:

- Exclusion: The two courses specified have not been offered for many years now

- Pre-requisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

Resources:

FRE383H5: Advanced Language Practice: Oral

Title:

Advanced Language Practice:Spoken French ~~Oral~~

Description:

This course provides students with intensive practice in listening ~~offers a consolidation of oral production; aural comprehension~~ and spoken French at the advanced level. Students will acquire competences and ~~mastery of topic-specific~~ vocabulary necessary

for authentic ~~that enhance communication skills in various~~ academic ~~contexts~~ and professional settings ~~authentic situations~~. Formal ~~Projects~~ and informal interactions, projects and tasks ~~activities~~ are designed to ~~enable students~~ to ~~enhance develop~~ various types of oral communication skills ~~necessary in formal and academic settings such as professional interview and public speech~~. Students have the option of participating in local or out-of-the-province learning experience. When travel experience is offered, ~~additional costs and application processes apply~~. All students are **REQUIRED** to complete the French Placement Test (<https://frenchpt.utm.utoronto.ca/>) before enrolling in ANY FSL or FRE language course for the **FIRST** time .

Prerequisites:

Previous: FRE280Y5 or (FSL405H5 and FSL406H5) .

New: FRE283H5 or FSL406H5.

Exclusions:

~~FSL443H1~~. Not open to native speakers of French and ~~or~~ holders of the French ~~baccalaureat~~. ~~baccalaureat~~.

Rationale:

- Course description: This has been modified for clarity and to better reflect the current course content
- Exclusion and prerequisites: Retired courses have been removed (exclusion) and the 200-level prerequisite has been changed given that FRE283H5 is now a required course

Resources:

FRE386H5: French Semantics

Prerequisites:

[(FRE272H5 or FRE272Y5) and(FRE282H5 and FRE283H5)] ~~FRE280Y5~~ or a minimum grade of 77% in FSL406H5 or equivalent. ~~in FSL406H5)~~

Rationale:

- Pre-requisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

Resources:

FRE387H5: French Morphology

Prerequisites:

[(FRE272H5 or FRE272Y5) and(FRE282H5 and FRE283H5)] ~~FRE280Y5~~ or a minimum grade of 77% in FSL406H5 or equivalent. ~~in FSL406H5)~~

Rationale:

- Pre-requisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

Resources:

FRE391H5: Women of the Francophone World

Title:

Women and LGBTQ+ Writers and Filmmakers of the Francophone World

Description:

This course invites students to explore ~~An in-depth examination of the representation of women in a selection of novels and~~ LGBTQ+ writers and filmmakers ~~films~~ from France and the Francophone world. Students ~~countries, which will apply their~~ Page 58 of 85

previous knowledge in literature and cultural studies, and their oral and written competences in French to the study ~~include a combination~~ of works by French, Quebecois, Guadeloupean, Algerian, Caribbean and African Senegalese authors and directors. Particular emphasis ~~The course will be placed focus~~ on extending attentive reading skills as ways ~~historical and socio-cultural francophone contexts and will include a discussion~~ of thinking about gender representation, feminism, ~~Feminism~~ and identity in fiction, non-fiction, ~~of the impact of political systems and films ideologies on the lives of women.~~ [24L]

Prerequisites:

(FRE240H5 and [FRE280Y5 or(FRE282H5 and FRE283H5)]) or a minimum grade of 77% in FSL406H5) ~~or equivalent.~~

Exclusions:

Previous: FRE392H5 or FRE390H5 or FRC391H5

New:

Rationale:

- Course title: This has been rephrased in order to highlight the departmental focus on diversity and inclusion already present in the course.

- Course description: The course has been redesigned to better meet i) the learning objectives of the Literary & Cultural concentration of our MAJ and SPEC programs in French Studies and ii) the specific learning outcomes of all 300-level French & Francophone Literary & Cultural courses including greater opportunities to improve students' oral and written French

- Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

-Removed Exclusions as courses have nor been offered in 5 years.

Resources:

FRE393H5: French Society through Film

Description:

Previous:

A historical perspective on French films with a focus on the specificity of French cinema from the Poetic Realism of the 1930s to the New Wave of the 1950s and 1960s, the 'cinema du look' of the 1980s and the various genres of contemporary French cinema: heritage film, film noir and comedies in particular . Special attention will be paid to issues in French society as depicted in films. Recommended foundation course for FRE397H5 . < / p>

New:

This course explores the representation of social issues in French cinema, from the Sixties to the contemporary era . Students will develop knowledge in cultural studies, and their oral and written competences in French, through the study of < / span> social exclusion and marginality, class conflict, and social identities as cinematographic themes . Particular emphasis will be placed on extending attentive interpretive skills as ways of reflecting on storytelling and its relationship to the cinematic medium, the interplay between documentary and fictional genres, and authorship .

Prerequisites:

(FRE240H5 and [FRE280Y5 or (FRE282H5 and FRE283H5)]) or a minimum grade of 77% in FSL406H5 ~~FSL406H5.~~

Exclusions:

Previous: FRE394H5 or FRC393H5

New:

Rationale:

- Course description: The course has been redesigned to better meet i) the learning objectives of the Literary & Cultural concentration of our French MAJ and SPEC programs in French Studies and ii) the specific learning outcomes of all 300-level French Literary & Cultural courses including greater opportunities to improve students' oral and written French

- Pre-requisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

-Exclusions removed. Courses have not been offered in over 5 years

Resources:

FRE397H5: Colonialism and Post-colonialism in French Cinema

Title:

Francophone African Colonialism and Caribbean Post-colonialism in French Cinema

Contact Hours:

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

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

Description:

Previous:

A study of a selection of films from Francophone countries focusing on the history and ideological background of the French colonization of various regions - for instance North Africa, Sub-Saharan Africa, and the Far East - and of the consequences of colonialism for modern France .

New:

This course provides an introduction to Francophone African and Caribbean cinema studies, tracing its origins and emergence to the present day . Students will apply previous knowledge in cultural studies, and their oral and written competences in French to the study of works by North-African, Sub-Saharan African, and Caribbean male and female directors. Particular emphasis will be placed on extending attentive reading skills as ways of thinking about colonialism, gender, space , and identity in narrative movies and documentaries .

Prerequisites:

(FRE240H5 and [FRE280Y5 or (FRE282H5 and FRE283H5)]) or a minimum grade of 77% in FSL406H5 ~~FSL406H5~~.

Exclusions:

Previous: FRE396H5 or FRE395H5 or FRC397H5

New:

Rationale:

Course title & description: The course has been redesigned to better meet i) the learning objectives of the Literary & Cultural concentration of our MAJ and SPEC programs in French Studies and ii) the specific learning outcomes of all 300-level French Literary & Cultural courses including greater opportunities to improve students' oral and written French

- Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

- Contact hours: The decrease from 24T to 12T in the tutorial hours is a consequence of students now being able to watch course films on-line – screening is no longer necessary during dedicated tutorials

-Exclusions removed. Courses not offered in the last 5 years

Resources:

FRE399Y5: Research Opportunity Program

Prerequisites:

FRE227H5 ~~FRE240H5~~ and ~~FRE241H5~~(FRE240H5 or FRE272H5 or ~~FRE240Y5~~)or ~~FRE272Y5~~

Rationale:

- Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies

Resources:

FRE440H5: Francophone Periodical Studies

Contact Hours:

Previous: *Lecture*: 24

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

Description:

This advanced research course provides students a theoretical and practical background in periodical studies, exploring **A study of the interaction of literature and journalism**, from the beginning of the 19th century to the present day in France and Quebec. Students work under the supervision **The course will examine a variety of French and Quebecois periodicals, journalists' trajectories, and mediatic genres including** the instructor to prepare **chronicle**, collect **reportage**, and analyze data from periodicals **interview**, newspapers and magazines **leading article** ("Premier-Paris"), and to present findings in the form of a research report **anecdote**.

Prerequisites:

1.0 **FRE280Y5** and 0.5 credit from among any 300-level **course from the** French **Literary** and Francophone Literary & Cultural studies courses category. **Studies category group**.

Rationale:

- Course description: this has been revised to better reflect the research orientation of all 400-level courses in our MAJ & SPEC programs in French studies
- Prerequisites: This have been changed to match those of all other 400-level FRE literary & cultural studies courses
- Contact hours: the addition of weekly tutorial will allow students to be trained in research practices, ethics and methodology in periodical studies, so as to better align with the learning outcomes of all FRE 400-level courses (research course)

Resources:

FRE445H5: Special Topic in Literature I

Title:

Special Topics **Topie** in French & Francophone Literary and Cultural Studies **Literature** I

Description:

Previous:

A study of fiction, non-fiction or theoretical approaches in French literature . The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable . < / p >

New:

A study of fiction, non-fiction or theoretical approaches in French and Francophone literature and culture . < / span >

Prerequisites:

Previous: FRE280Y5 and [FRE240Y5 or (FRE240H5 and FRE241H5)]

New: (0.5 credit at the 300-level from the French & Francophone Literary and Cultural Studies category) and (0.5 credit of FRE at the 300-level, determined annually contingent on course content)

Rationale:

- Course title: The expanded title better reflects the breadth of topics to be taught within this course
- Course description: The change reflects the more inclusive perspective that we are seeking to integrate into our literary and cultural studies disciplines
- Prerequisites: 400-level French literature courses now have a research focus and build upon topics previously encountered in 300-level courses

Resources:

FRE446H5: Special Topics in Literature II

Description:

Previous:

A study of fiction, non-fiction or theoretical approaches in French . The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 conta hours in total. See the UTM Timetable . < / p>

New:

A study of fiction, non-fiction or theoretical approaches i n French & Francophone literature and culture .

Prerequisites:

(0.5 credit from the 300-level French and Francophone Literary & Cultural Studies category ~~FRE280Y5 or equivalent~~)and {(0.5 credit of FRE at the 300-level, determined annually contingent on course content ~~FRE240H5 and FRE241H5~~) or ~~FRE240Y5~~}

Rationale:

- Course title: The expanded title better reflects the breadth of topics to be taught within this course
- Course description: The change reflects the more inclusive perspective that we are seeking to integrate into our literary and cultural studies disciplines
- Prerequisites: 400-level French literature courses now have a research focus and build upon topics previously encountered in 300-level courses

Resources:

FRE353H5: Teaching French Culture

New Course Code:

FRE453H5

Description:

This advanced research course deepens students' ~~examines practical and~~ theoretical and practical background in language pedagogy, exploring research questions related to issues surrounding the integration of culture in the language curriculum including ~~such as~~ the relationship ~~interface~~ between authentic language and culture, and ~~culture~~; the role ~~definition~~ of linguistic ~~teaching objectives~~; ~~appropriate, established~~ and cultural diversity in education ~~emergent strategies~~; ~~online resources~~; ~~cross-cultural communication~~. Students will learn ~~be asked~~ to critique and create teaching materials and undertake an independent research project.

Prerequisites:

Previous: [(FRE225Y5 or FRE272Y5) or (FRE240Y5 or (FRE240H5 and FRE241H5))] and (FRE280Y5 or a minimum grade of 77% in FSL406H5)

New: FRE354H5 and 0.5 credit at the 300-level from among the FRE Language Teaching and Learning courses.

Exclusions:

Previous:

New: FRE353H5

Rationale:

- New course code: The new course code (FRE453H5) reflects the change to an advanced research-based course
- Course Description: In order to better match the interests of our current students, to better integrate the course into the Language Teaching & Learning and French program currently under proposal to the Dean's Office, and to benefit maximally from the research expertise of our French pedagogy faculty, the course will be redesigned as an advanced research course.

Resources:

FRE482H5: Creative Writing

Contact Hours:

Previous: *Lecture:* 24

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

Description:

Previous: This course will look at the creative process and techniques of fiction, poetry and drama (rhetoric, matters of literary genres) . Discussions centered on student writing will be developed during workshops. [24L]

New:

This course allows students to develop their French writing skills with a variety of short imaginative and first-person genres . Students will extend their knowledge of language creativity and written competences in French to the production of a range of creative texts based on examples and using generative techniques. Particular emphasis will be placed on developing precision and a diversity of expressive skills, especially varied vocabulary and standard idiomatic turns .

Rationale:

- Course description: The course has been redesigned to better meet i) the learning objectives of the Literary & Cultural concentration within our MAJ and SPEC programs in French Studies and ii) the specific learning outcomes of all 400-level French Literary & Cultural courses including greater opportunities to improve students' oral and written French
- Contact hours: As a creative writing course, this course will involve writing workshops (12T), not only instructor-driven presentations

Resources:

FRE489H5: The Structure of the Syllable in Romance Languages

Prerequisites:

FRE376H5 and FRE377H5 and (FRE385H5 or/LIN229H5) and any 0.5 credit of FRE Linguistics or LIN at the 300-level equivalent.

Rationale:

All 400-level FRE linguistics research-oriented courses now require 1.0 as opposed to 0.5 FCE of 300-level courses. The expansion of FRE376H5 to include FRE377H5 and FRE385H5 is due to the creation of these two new courses also in the area of French phonology & phonetics.

Resources:

FRE490Y5: Senior Essay

Description:

An independent research paper on either a literary or linguistic topic to be proposed by the student and supervised by an instructor, culminating in a major research paper. For Specialists who wish to fulfill the requirements for their fourth year Literature courses. A maximum of 1.0 credit FCE can be taken in both Senior Essay(FRE490Y5)and Independent Study (FRE491H5, FRE492H5)

Prerequisites:

Previous: [FRE280Y5 (or equivalent) or FRE382H5] and (FRE240H5 and FRE241H5 or FRE240Y5) or (FRE272Y5 or FRE225Y5)

New: 1.0 credit of FRE at the 300-level relevant to the topic of study

Rationale:

The change aligns this course with all other 400-level research-oriented courses

Resources:

FRE491H5: Independent Study

Prerequisites:

Previous: [FRE280Y5 (or equivalent) or FRE382H5] and (FRE240H5 and FRE241H5 or FRE240Y5) or (FRE272Y5 or FRE225Y5)

New: 1.0 credit of FRE at the 300-level relevant to the topic of study

Rationale:

The change aligns this course with all other 400-level research-oriented courses.

Resources:

FRE492H5: Independent Study

Prerequisites:

Previous: [FRE280Y5 (or equivalent) or FRE382H5] and (FRE240H5 and FRE241H5 or FRE240Y5) or (FRE272Y5 or FRE225Y5)

New: 1.0 credit of FRE at the 300-level relevant to the topic of study

Rationale:

- Prerequisite: The change aligns this course with all other 400-level research-oriented courses

Resources:

ITA299Y5: Research Opportunity Program

Description:

An ~~This courses~~ provides a richly rewarding opportunity for students in their second year to conduct in-depth original work in the research with project of a supervising professor in return for ~~299Y course credit~~. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge.

~~Students~~ Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to visit [Research Opportunity Program](#) apply in early March. See [Experiential and International Opportunities](#) for a list of participating faculty projects and for application ~~more~~ details.

Prerequisites:

Previous:

New: ITA100Y5

Rationale:

Updated and refreshed course description and updated prerequisite. Added Course Experience tagging (See Addendum). Research Intensive: Research Opportunity Program.

Resources:

No impact on existing resources.

ITA315Y5: Italian Theatre and Performance

Title:

Previous: Italian Theatre and Performance

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

Description:

(Offered in English)A study of 19th- to 21st-century Italian plays and playwrights ~~dramas (comedy, tragedy, culminating in opera) from the Nineteenth and Twentieth Centuries with a consideration of staging and acting techniques mainly through the production of a specific play from one of those eras or operatic piece.~~ Students may participate as actors [24L, stage managers 48P, marketers, fundraisers, costume and set designers, etc 48T].

Prerequisites:

~~None; ITA200Y5 or ITA201Y5 will be required for or permission of the department. Prerequisite only applicable to~~ students enrolled in an ~~ITA Italian Minor~~, Major or Specialist program only, as some of their written work will be submitted in Italian. ~~program.~~

Recommended Preparation:

Previous: A good knowledge of Italian.

New:

Rationale:

Provide clearer description and title. Course Experience tag added. Performance and Artistic Production.

Resources:

No impact on existing resources.

ITA351H5: Creative Writing in Italian Studies

Description:

Previous:

(Offered in English and Italian) A course designed to promote self-expression in Italian by involving students in writing shorter pieces in fiction and non-fiction and teaching the structure of the language in relation to the writing activity . Genres to be practised: the personal sketch, fable, apologue, short story, brief documentaries, and short plays. There will be an option of transforming the creative pieces into a screenplay which will be turned into a short film. Selected writings will be collected and published in a booklet . < / p>

New:

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

Prerequisites:

ITA200Y5 or ITA201Y5 or permission of program coordinator of Italian.

Rationale:

Updated description to align with other 300-level ITA language courses (ITA350H5) -> Intermediate -Advanced. Updated prerequisite.

Course Experience tag added. Simulated Work Experience: There will be an option of transforming student creative pieces into a screenplay which will be turned into a short film and/or publication.

Resources:

No impact on existing resources.

ITA352H5: Digital Italian: Writing, Editing, and Translation

Title:

Previous: Digital Italian : Writing , Editing, and Translation

New: Italian Media and Social Media Production

Contact Hours:

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

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

Description:

(Offered in English and Italian) An intermediate-advanced-level language. This course is designed to enhance students' students' Italian language skills through digital writing, editing, and translating. Projects include media production (subtitles, dubbing, etc.), digital analyses analysis of primary texts, and comparisons between human-generated and computer-generated translations. Students will collaborate with industry leaders in the fields of film, publishing and editing, and reference collection. [24L, 12P]

Prerequisites:

ITA200Y5 or ITA201Y5 or permission of program coordinator of Italian instructor

Rationale:

Updated description to align with other 300-level ITA language courses (ITA350H5 and 351H5) -> Intermediate -Advanced.
Updated prerequisite. Contact hours were updated to reflect how the course is delivered.

Resources:

No impact on existing resources.

ITA388H5: Italian Studies Education Internship

Title:

~~Italian Studies~~ Education Internship in Italian Studies

Description:

Previous: (Offered in English / Italian) This internship is a minimum 100-hour experiential learning opportunity . The internship connects the student ' s subject specialization to aspects of the teaching/training development profession. It will integrate, extend, and deepen the learning experience as students begin to identify particular academic or professional insights. Prior to enrolment, internship proposals must be approved by the program coordinator.

New:

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

Prerequisites:

Previous: ITA200Y5

New:**Corequisites:****Previous:**

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

Exclusions:

CTE388H5 or CTE388Y5 or EDS388H5 ~~or ITA400Y5~~

Rationale:

Clearer title, description, changed prerequisites to corequisites to reflect current trends in program enrolment.
Added Course Experience tag (See Addendum). Partnered Field Experience.

Resources:

No impact on existing resources.

ITA399Y5: Research Opportunity Program

Description:**Previous:**

This course provides senior undergraduate students who have developed some knowledge of research methods used in the discipline of Italian studies to work in the research project of a U of T Mississauga professor for course credit . Enrolled students have the opportunity to become involved in original research, develop their research skills, and share in the excitement and discovery of acquiring new knowledge. Project descriptions for participating faculty members for the following summer and fall / winter sessions are posted on the ROP website in mid-February and students are invited to apply at that time. See [Experiential and International Opportunities](#) for more details .

New:

An opportunity to conduct in-depth original research, with a supervising professor . Students learn research methods and share in the excitement and discovery of acquiring new knowledge. Students are invited to visit [Research Opportunity Program](#) for a list of participating faculty projects and for application details .

Prerequisites:

Previous: ITA200Y5 and ITA231H5 and ITA232H5.

New: ITA200Y5 or ITA201Y5

Rationale:

Updated with a more concise, clearer description. Updated prerequisites. Added Course Experience tagging (See Addendum).
Research Intensive: Research Opportunity Program.

Resources:

No impact on existing resources.

ITA400Y5: Italian Studies Internship

Title:

~~Italian Studies~~ Internship in Italian Studies (Private or Public Sector)

Description:

Previous: Students enrolled in an Italian Studies program of study will have the opportunity, through work placement, to apply the knowledge and expertise gained throughout their studies in Italian . The work placement will take place in corporations, local media or community organizations. Application deadline is February 28th. Students will be required to include a letter of interest highlighting their qualifications as suitable candidates for an internship opportunity. Applicants who meet minimum criteria (must be in 3rd or 4th year of studies, number of courses completed in ITA and CGPA) will be selected for an interview. Final decisions will be based on a combination of academic qualifications, experience, and the interview.

New:

An internship opportunity for students interested in gaining work-place experience, in private or public sectors . Placements, determined in consultation with the student, may include corporations, local media, non-profit community organizations. To request an internship placement, write to the undergraduate coordinator of Italian prior to course enrolment . < / p>

Prerequisites:

(~~ITA100Y5 and ITA200Y5 and~~ 1.0 credit from ~~ITA350H5 ITA350Y5~~ or ~~ITA351H5 or ITA352H5~~) or permission from the undergraduate coordinator of Italian. ~~ITA371Y5~~

Rationale:

Updated with a more concise and clearer title and description. Updated prerequisite to ensure that students possess the appropriate language proficiency required for placements.

Added Course Experience tag. Partnered Field Experience

Resources:

No impact on existing resources.

ITA413Y5: Italian Theatre: Text and Performance

New Course Code:

ITA415Y5

Title:

Previous: Italian Theatre : Text and Performance

New: Major Playwrights (15th to 18th Century Italy)

Description:

(Offered in English and Italian) A study of 15th- to 18th-century Italian representative plays and playwrights (comic, tragic, religious, culminating in melodrama) from the Middle Ages to Alfieri, with a consideration of staging and acting techniques mainly through the production of a specific play from one of those eras. Students may participate as actors [24L, stage managers 48P, marketers, fundraisers, costume and set designers, etc 48T].

Prerequisites:

Prerequisite only applicable to students enrolled in an Italian Minor, Major or Specialist program: ITA350H5, ~~ITA350Y5~~ or permission from ~~of the undergraduate coordinator of Italian. department.~~

Exclusions:

ITA413Y5 ~~ITA312Y5 or ITA313Y5~~ or ITA412Y5.

Rationale:

Provide a clearer and more concise description; course renumbered to align with similar courses at the 300-level (I.e., ITA315Y5). Added Course Experience tag. Performance and Artistic Production.

Resources:

No impact on existing resources.

ITA499H5: Research Opportunity Program

Description:

Previous:

This course provides senior undergraduate students with advanced language proficiency . Students who excel in research used in the discipline of Italian studies will work on the research project of a U of T Mississauga faculty for course credit. Enrolled students have the opportunity to become involved in original research, develop their research skills, and share in the excitement and discovery of acquiring new knowledge. Project descriptions for participating faculty members for the following summer and fall / winter sessions are posted on the ROP website in mid-February and students are invited to apply at that time. See [Experiential and International Opportunities](#) for more details .

New:

An opportunity to conduct in-depth original research, with a supervising professor . Students learn research methods and share in the excitement and discovery of acquiring new knowledge. Students are invited to visit [Research Opportunity Program](#) for a list of participating faculty projects and for application details .

Prerequisites:

Previous: ITA350Y5 or ITA350H5 or ITA351H5 plus 0.5 ITA credit at the 300- or 400-level, in any category.

New: 1.0 credit from ITA350H5 or ITA351H5 or ITA352H5 or ITA450H5

Rationale:

Provided concise, clearer description; updated prerequisites.

Resources:

No impact on existing resources.

JFL388H5: Bilingualism and Multiple Language Acquisition

Description:

This course examines simultaneous and successive second (and multiple) language acquisition by children. We will look at such topics such as the bilingual brain, the nature of the input, age constraints on language acquisition, language separation and cross-linguistic influences, the status of the heritage language, schooling in a second language (for example French immersion programs), and various methods used in the study of bilingualism in individuals. Bilingual/multilingual corpora containing French as one of the languages will be examined. The language of instruction will be English. Students will have the option to write assignments in either English or French. Suggested companion course: FRE325H5. Written work to be completed in French for credit towards a Specialist (French) or Major (French Formerly LIN358H5). [24L, 12T]

Prerequisites:

Previous: (LIN101H5 and LIN102H5) or LIN100Y5 and 0.5 credit at the 200-level (not including LIN204H5 and LIN205H5 and LIN233H5 and LIN203H5 and LIN200H5) or 0.5 credit equivalent at the 300-level in PSY.

New: [(LIN102H5 or FRE227H5 or FRE225Y5 or FRE272H5 or FRE272Y5) and 0.5 credit from LIN288H5 or LIN231H5 or LIN232H5 or LIN233H5] or 0.5 credit of FRE linguistic at the 300-level.

Exclusions:

LIN358H5 or LIN388H5 or FRE388H5

Recommended Preparation:

Previous: LIN288H5 or LIN258H5

New:

Rationale:

The description has been slightly modified to reflect more accurately changes in the syllabus content during the past 10 years. This course is currently being offered under two designators, FRE388H5 and LIN388H5. For administrative efficiency, a single JFL designator is preferable

Resources:

JFL389H5: Second Language Assessment

Prerequisites:

FRE272Y5 or (FRE272H5 LIN101H5 and (FRE282H5 or FRE283H5)) or (LIN101H5 and LIN102H5 LIN102H5)

Rationale:

Prerequisites: These have been changed to reflect the new structure of the second year of our MAJ & SPEC programs in French Studies.

Resources:

JFL454H5: Teaching and Learning Varieties of Canadian French

Prerequisites:

[(1.0 credit of FRE Linguistics at the 300-level ~~FRE280Y5~~ or LIN256H5) and 0.5 credit of LIN at the 300-level and reading ability in French] or permission of instructor. ~~FRE272Y5~~

Exclusions:

~~FRE454H5 LIN374H5 or FRE374H5~~ or FRE474H5 ~~or LIN474H5~~ or LIN454H5 or LIN474H5

Rationale:

- Course number: This course is currently being offered under two designators, FRE454H5 and LIN454H5. For administrative efficiency, a single designator is preferable
- Prerequisites: The new requirements for French program, students (1.0 FCE of 300-level French linguistics courses) are those for all 400-level FRE linguistics research-oriented courses. Those for LIN program students are the same as for LIN454H5

Resources:

LIN228H5: Phonetics

Prerequisites:

Previous:

New: LIN101H5

Corequisites:

Previous: LIN101H5

New:

Exclusions:

~~LIN208H5 or~~ LIN228H1 or LINB09H3

Rationale:

Corequisite of LIN101H5 is offered in the winter, while LIN228H5 is offered in the fall. It is not possible for students to take them concurrently. The change to a “prerequisite” will resolve this problem, and it makes more sense given the timing of the course offerings. The rationale for the exclusion change is that students should be permitted to take LIN228H5 after taking LIN208H5 (though not the reverse). The former covers more content and is for Linguistics majors/minors, while the latter is for ELL students. Students who wish to later switch to a LIN major/minor should be permitted to do so and enrol in LIN228H5 which is a requirement for these programs

Resources:

LIN318H5: Talking Numbers: Interpretation and Presentation of Quantitative Linguistic Data

Prerequisites:

(LIN256H5 or LIN288H5) ~~(or LIN258H5)~~ and (LIN229H5 or LIN232H5 or LIN231H5 or LIN237H5) ~~(or LIN247H5)~~.

Exclusions:

Previous: LIN368H5

New: LIN305H1

Rationale:

LIN368H5 hasn't existed for over 3 years. The content of LIN305H1 overlaps substantially with LIN318H5, although they differ in scope.

Resources:

No impact on existing resources.

LIN399Y5: Research Opportunity Program**Prerequisites:**

(LIN101H5 and LIN102H5) ~~or LIN100Y5~~ and (1.0 credit from JAL253H5 ~~or any of the following:~~ LIN228H5 or LIN229H5 or LIN231H5 or LIN232H5 or LIN237H5 ~~(formerly LIN247H5)~~ ~~or JAL253H5~~ or LIN256H5 or LIN288H5 ~~(formerly LIN258H5)~~).

Rationale:

Removed mention of courses that were renumbered/reweighted 5 years ago. Added Course Experience tagging (See Addendum).
Research Intensive: Research Opportunity Program.

Resources:

No impact on existing resources.

SPA100Y5: Spanish for Beginners**Exclusions:**

(Grade 12 ~~Spanish or equivalent knowledge of~~ Spanish) or SPA100Y1 or LGGA30H3 or LGGA31H3 ~~or equivalent beginner knowledge. Students are REQUIRED to complete the Spanish Language Assessment Questionnaire at if they have any prior experience with the language.~~

Rationale:

To ensure that students enrolling in the course are beginner level students.

Resources:**URD212Y5: Introduction to Urdu****Description:**

This course is for students who have no background knowledge in Urdu. The course provides students with basic information about the Urdu language paying particular attention to literacy skills, i.e. reading and writing in Urdu. Students start by learning how to write and pronounce the alphabet and how to connect letters to form new words. Then, they learn basic vocabulary in Urdu in order to express basic ideas orally and in writing. By the end of the course, students should be able to write simple sentences to express basic information, and they should be able to conduct basic conversations in Urdu. **All students MUST complete the Urdu Language Assessment Questionnaire ([https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires)) before enrolling in URD course for the FIRST time. ~~[72L, 24P]~~**

Prerequisites:

All students who are enrolling in an URD language course for the first time **MUST (do not have the prerequisite) are required to complete the Urdu Language Assessment Questionnaire (([https:// a language assessment questionnaire](https://www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires)). ~~Students who have not completed an assessment cannot be approved for course enrolment. Please visit www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires). ~~hindiurdulanguage-course-assessment-questionnaire.~~~~**

Rationale:

Inclusion of mention of a required assessment before enrolling in any URD courses will assist in eliminating confusion and prompt students to complete the required assessment.

Resources:

URD312Y5: Intermediate Urdu

Description:

In this course, students will continue developing skills in spoken and written Urdu with the study of more complex grammar. Students will continue to build vocabulary and advance their ability in literary and colloquial forms of the language. ~~Students [72L, 24P] NOTE: All students who are~~

~~enrolling in an URD language course for the first time (do not have not completed the listed prerequisite of URD212Y5) are REQUIRED required to complete the Urdu Language Assessment Questionnaire (https:// a language assessment questionnaire. Students who have not completed an assessment cannot be approved for course enrolment. Please visit www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires) by no later than August 29th. Late assessment submissions will not be accepted hindiurdulanguage-course-assessment-questionnaire.~~

Prerequisites:

URD212Y5 ~~URD212Y~~ or appropriate language level as indicated by the Urdu Language Assessment Questionnaire ((https:// www.utm.utoronto.ca/language-studies/language-course-assessment-questionnaires). ~~language assessment questionnaire.~~

Rationale:

Inclusion of mention of a required assessment before enrolling in any one of these courses will assist in eliminating confusion and prompt students to complete the required assessment.

Resources:

12 Retired Courses:

FRE225Y5: Teaching and Learning a Second/Foreign Language

Rationale:

This Y course is being retired as a new half-credit version is being introduced to replace it (see FRE227H5 proposal).

FRE241H5: Reading Modern French and Quebec Masterworks

Rationale:

As part of the revision of our French Major & Specialist programs (ERMAJ1056, ERMAJ1295; ERSPE1092, ERSPE1295), all 200-level courses are being changed from Y to H-courses for two reasons, both related to students' current level of preparation at the end of Year 1: 1) Due to changes in high school French program outcomes, students are arriving with weaker French language skills than even 5 years ago. At the beginning of and, often, throughout Year 2, many students struggle with both their French language skills and, as a consequence, their ability to engage with disciplinary materials taught in French; 2) our French Major & Specialist programs currently have a very heavy second year – 3/4FCE of the total 8/10/11 required program credits involve 200-level courses. The 200-level half course in our French Literary & Cultural studies concentration will be FRE240H5

FRE272Y5: The Structure of Modern French: An Introduction

Rationale:

This course is being retired as a new H course is to be introduced in its place (see FRE272H5 proposal).

FRE315Y5: French Theatre and Performance

Rationale:

The main course content will be included in the revised FRE316H5 Comedy and Tragedy in Quebec Theatre

FRE340H5: Reading and Interpreting French Literature: An Introduction to Literary Criticism

Rationale:

Course content will be redistributed to the new version of our MAJ & SPEC required 200-level introductory course FRE240H5 Interpreting French Narratives .

FRE345H5: Teaching and Learning French Since the 1970s

Rationale:

The regular course instructor recently retired and the course content no longer reflects the approaches adopted by our newly hired faculty in the area

FRE357H5: Heroism and Love in the Middle Ages

Rationale:

With the retirement of a FT faculty, there is no longer a specialist in Medieval French within the Department.

FRE388H5: Bilingualism and Multiple Language Acquisition

Rationale:

FRE388H5 and LIN388H5 will be offered as one designator, JFL

FRE417H5: Comedy & Tragedy in Quebec Theatre

Rationale:

The course content will be moved to the 300-level in FRE316H5 Comedy and Tragedy in Quebec Theatre

FRE468H5: Stress and Disorder and the Birth of the New Novel

Rationale:

The course content will be redistributed in the new version of FRE467H5 (renumbered for a 3rd year course).

LIN454H5: Teaching and Learning Varieties of Canadian French

Rationale:

- Course number: This course is currently being offered under two designators, FRE454H5 and LIN454H5. For administrative efficiency, a single designator is preferable - JFL454H5

SPA219Y5: Spanish for Heritage and Native Speakers

Rationale:

Course is deleted and replaced with 2 H courses, SPA219H5 and SPA319H5. SPA219Y5Y course targets a wide spectrum of heritage speakers. However, in reality, this Y course is not able to adequately accommodate the disparate levels of both heritage speakers with no written and limited oral fluency and heritage/native speakers who are highly proficient in speaking and writing.

1 Course Modification:

PHL499H5: Individual Studies

New Course Code:

PHL499Y5

Rationale:

On a few occasions, the Department has needed to enroll a student into a full year independent study course. Because we do not offer one here, we have to request permission from our St. George Philosophy department to add our students into their course.

Resources:

N/A

1 Minor Program Modification:

Visual Culture and Communication - Specialist (Arts)

Completion Requirements:

13.0 credits are required, including at least 1.0 credit of VCC at the 400 level.

Specialists in VCC are strongly urged to structure their studies as follows:

First Year: CCT109H5 and CCT110H5 and FAH101H5 and VCC101H5 and CIN101H5 and ISP100H5

Second Year:

- 1.0 credit from CCT204H5 or CCT250H5 or CCT270H5
- 1.0 credit from CCT200H5 or CCT206H5 or CCT210H5
- 1.0 credit from VCC205H5 or VCC236H5 or VCC290H5

Third Year:

- 2.0 credit from CCT310H5 or CCT311H5 or CCT336H5 and CCT351H5 and CCT352H5 and CCT353H5
- 1.5 credits of VCC at the 300/400 level
- 1.0 credit from VST410H5 or any CIN or FAH course at the 300/400 level

Fourth Year:

- VCC400H5 and 0.5 additional credit of VCC at the 400 level
- CCT357H5 and CCT417H5 ~~CCT452H5~~ and CCT434H5 (with permission and the appropriate prerequisites, up to 1.0 credit can be replaced with FAS246H5 or FAS346Y5 or FAS347Y5)

Description of Proposed Changes:

Amending the program requirements to accommodate the migration of CCT Sheridan courses to UTM.

Rationale:

Providing students with options to complete CCT courses at UTM at the 300 and 400 level. This is in line with the migration of CCT Sheridan courses to UTM in ICCIT.

Impact:

The Sheridan Certificate in Digital Communication will no longer be available.

Resource Implications:

VCC Specialists should be considered for priority enrolment in related courses.

7 Course Modifications:

CIN309H5: Colour and the Moving image

Exclusions:

Previous: CIN301H5 topics course "Colour".

New: CIN401H5 (Winter 2021)

Rationale:

Correction

Resources:

FAH101H5: Introduction to Art History

Description:

~~(Formerly FAH202H5)~~ An overview of ~~western art from~~ the art and architecture of ~~ancient world through~~ the past and present ~~20th century~~, as well as an introduction to the discipline of art history and its methodologies. Emphasis on representative monuments and key approaches to interpretation.

Rationale:

Generalizing the course content to accommodate future possibilities.

Resources:

There are no resource implications.

FAH483H5: Studies in Medieval Art

Prerequisites:

Previous: Six FAH courses including a 300+ level half course and P.I.

New: 3.0 credits in FAH including 0.5 at the 300 or 400-level and permission of instructor

Rationale:

Updating prerequisite language.

Resources:

FAS359Y5: Video and Sound

Description:

(Offered at Sheridan College) Students explore the use of sound and video to investigate contemporary approaches to the production of time-based artwork. Students work with analogue and digital editing processes, live sound performance, site-specific soundworks, single-channel video, video installation, and will develop a professional portfolio website. ~~[144P]~~

Prerequisites:

FAS143H5 and FAS145H5 and FAS147H5 and FAS232H5 and FAS236H5 and FAS248H5, and an additional 0.5 credit in FAS at the 200-level and 1.5 credits in FAH/VCC/VST and permission of instructor

Rationale:

Currently with the minimum prerequisites and a limited enrolment cap, the course can not accommodate students wishing to take this course each year. Therefore students are now encouraged to take an additional 200-level credit in FAS for this course which will provide them with more options in FAS courses at the 300/400 level.

Resources:

FAS369Y5: Performance-Based Art

Prerequisites:

FAS143H5 and FAS145H5 and FAS147H5 and FAS232H5 and FAS236H5 and FAS248H5, and an additional 0.5 credit in FAS at the 200-level, and 1.5 credits in FAH/VCC/VST and permission of instructor

Rationale:

Currently with the minimum prerequisites and a limited enrolment cap, the course can not accommodate students wishing to take this course each year. Therefore students are now encouraged to take an additional 200-level credit in FAS for this course which will provide them with more options in FAS courses at the 300/400 level.

Resources:

VCC309H5: Society and Spectacle

Contact Hours:

Previous: Lecture: 24

New: Lecture: 24 / **Practical:** 36

Rationale:

The screenings for this course was removed in 2017 because they were not required at that time. It is being added at the request of the faculty member who will be teaching the course with screenings in the future.

Consultation:

Consultation with DVS Library Liaison has been made.

Resources:

Room for screening of films. DVDs of films.

VCC405H5: Individual Project

Prerequisites:

Completion of 13.0 credits including VCC400H5 and CCT400H5

Rationale:

Updating prerequisite to reflect the advanced project offered in VCC.

Resources:

Addendum: Humanities Course Experience Tags (Fall 2021)

Unit	Course Experience	Code	Calendar Title & Description
English and Drama (UTM), Department of			
Partnership-Based Experience			
		DRE360H5	<p>Developmental Dramaturgy</p> <p>A theoretical, historical, and practical study of the process of developmental dramaturgy. The course will include a survey and analysis of historical and contemporary interpretations of the role of dramaturgy in the creation of new work. Students will also participate in the practical application of dramaturgical strategies and techniques.</p>
Historical Studies (UTM), Department of			
Partnership-Based Experience			
		HIS498Y5	<p>Internship in History</p> <p>Through a part-time, unpaid work placement, a limited number of advanced history students may enrol for field experience relating to expertise they have gained in the program. Placements are made at local libraries, historic sites and foundations, media outlets, public and private institutions. Five previous history courses and a cumulative GPA of 3.0 are required. For application to admission contact the Department of Historical Studies before June 1.</p>
		WGS435Y5	<p>Women and Gender Studies Practicum</p> <p>The practicum allows advanced WGS students to combine theory and practice through part-time unpaid placement with a community agency, government body, educational or social change organization.</p>
University-Based Experience			
		RLG453H5	<p>Researching Islam: Entering the World of Scholarly Investigation</p> <p>How do academics research Islam? Students in this course learn about and gain hands-on experience with essential scholarly tools for discovering and disseminating new knowledge in this field. Both individually and collaboratively, students will work on original projects concerning academic literature, scholarly communication, or primary sources.</p>
Language Studies (UTM), Department of			
Partnership-Based Experience			
		EDS325H5	<p>Supplemental Instruction in Higher Education: Peer-Facilitated Study Groups</p> <p>Looking for an opportunity to become a facilitator of small group learning in a subject discipline in which you have expertise? This course will introduce students to the theory and practice of Supplemental Instruction (SI) in higher education. Particular focus will be on the history and evolution of SI and the rationale for its use in different university contexts. EDS325H5 course participants will complete a mandatory internship that involves developing and delivering 8-10 peer led study sessions through the Facilitated Study Group (FSG) Program run by the Robert Gillespie Academic Skills Centre. Class work will embed relevant pedagogical tools, resources and research to support the development, delivery and success of FSG sessions. Current research investigating the impact of Supplemental Instruction on student success will also be explored. This is a closed course open only to those students who have successfully secured an FSG leader position with the Robert Gillespie Academic Skills Centre.</p>

Unit	Course Experience	Code	Calendar Title & Description
		EDS377H5	<p>Why the First Year of University Matters: The Impact of Peer Mentoring</p> <p>This course explores contemporary issues in higher education with a focus on experiences, issues and challenges commonly encountered by undergraduate students during their first year of university. Interdisciplinary in its focus, topics of exploration include an examination of adult and student development theories, models of student engagement and an investigation into mindset, levels of persistence, habits of mind and personality characteristics that impact student success. An internship component is required. Students taking the course will assume a peer-mentoring role to apply and contextualize theories and skills learned in the course. This is a closed course open only to those students who have successfully secured a peer-mentoring position with the First Year Peer Mentoring program.</p>
		EDS388H5	<p>Experiential Learning Opportunity within the Community</p> <p>This internship is a minimum 100-hour experiential learning opportunity. The internship connects the student's subject specialization to aspects of the teaching/training development profession. It will integrate, extend, and deepen the learning experience as students begin to identify particular academic or professional insights. Prior to enrollment, internship proposals must be approved by the program coordinator. 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.</p>
		FRE400H5	<p>French Studies Internship</p> <p>Students enrolled in a French Studies program of study will have the opportunity, through work placement, to apply the knowledge and expertise gained throughout their studies in French. The work placement will take place in corporations, local media or community organizations. Application deadline is February 28th. Students will be required to include a letter of interest highlighting their qualifications as suitable candidates for an internship opportunity. Applicants who meet minimum criteria (must be in 4th year of studies, number of courses completed in FRE and CGPA) will be selected for an interview. Final decisions will be based on a combination of academic qualifications, experience, and the interview.</p>
		ITA388H5	<p>Education Internship</p> <p>(Offered in English and Italian) An internship opportunity (minimum 100-hours) for students interested in gaining experience in a branch of Education such as teaching, curriculum, administration, etc. Placements, determined in consultation with the student, may include elementary, secondary, or college/university classes, units, departments. To request an internship placement, write to the program coordinator of Italian prior to course enrolment.</p>
		ITA400Y5	<p>Internship (Private or Public Sector)</p> <p>An internship opportunity for students interested in gaining work-place experience, in private or public sectors. Placements, determined in consultation with the student, may include corporations, local media, non-profit community organizations. To request an internship placement, write to the undergraduate coordinator of Italian prior to course enrolment.</p>

Unit	Course Experience	Code	Calendar Title & Description
	University-Based Experience		
	EDS345H5	Design Thinking Incubator: From Problem to Prototype	This course is open to all students on campus and provides an intellectual toolset for finding innovative solutions to complex problems. Students will learn to apply education theory to design thinking models in order to identify and solve real-world challenges facing their chosen discipline, whether in business, education, healthcare, etc. An iterative approach for testing, refining, and improving their idea will be used to create a working prototype of their proposed solution. This will demonstrate the idea's sustainability, scalability and viability, while taking into account ethical and legal implications.
	EDS399H5	Research Opportunity Program	This ROP provides the opportunity for students to join a research team and assist on projects currently underway in Education Studies. The work will include preparing an impact study, conducting interviews and using a data-informed approach to investigate the impact of a range of programs and educational interventions. The work will involve conducting pre and post surveys, leading qualitative observational data collection, and producing an analysis. Project descriptions for participating faculty members for the following summer and fall/winter sessions are posted on the ROP website in mid-February and students are invited to apply at that time. See Experiential and International Opportunities for more details.
	ITA299Y5	Research Opportunity Program	An opportunity to conduct in-depth original research with a supervising professor. Students learn research methods and share in the excitement and discovery of acquiring new knowledge. Students are invited to visit Research Opportunity Program for a list of participating faculty projects and for application details.
	ITA315Y5	Major Italian Playwrights (19th to 21st Century)	(Offered in English) A study of 19th- to 21st-century Italian plays and playwrights, culminating in the staging of a play from one of those eras. Students may participate as actors, stage managers, marketers, fundraisers, costume and set designers, etc.
	ITA399Y5	Research Opportunity Program	An opportunity to conduct in-depth original research, with a supervising professor. Students learn research methods and share in the excitement and discovery of acquiring new knowledge. Students are invited to visit Research Opportunity Program for a list of participating faculty projects and for application details.
	ITA415Y5	Major Playwrights (15th to 18th Century Italy)	(Offered in English and Italian) A study of 15th- to 18th-century Italian plays and playwrights, culminating in the staging of a play from one of those eras. Students may participate as actors, stage managers, marketers, fundraisers, costume and set designers, etc.
	ITA499H5	Research Opportunity Program	An opportunity to conduct in-depth original research, with a supervising professor. Students learn research methods and share in the excitement and discovery of acquiring new knowledge. Students are invited to visit Research Opportunity Program for a list of participating faculty projects and for application details.

Unit	Course Experience	Code	Calendar Title & Description
		LIN299Y5	<p>Research Opportunity Program</p> <p>This courses provides a richly rewarding opportunity for students in their second year to work in the research project of a professor in return for 299Y course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.</p>
		LIN399Y5	<p>Research Opportunity Program</p> <p>This course provides senior undergraduate students who have developed some knowledge of research methods used in the discipline of Linguistics to work in the research project of a U of T Mississauga professor for course credit. Enrolled students have the opportunity to become involved in original research, develop their research skills, and share in the excitement and discovery of acquiring new knowledge. Project descriptions for participating faculty members for the following summer and fall/winter sessions are posted on the ROP website in mid-February; students are invited to apply at that time. See Experiential and International Opportunities for more details.</p>
Visual Studies (UTM), Department of			
Partnership-Based Experience			
		VST410H5	<p>Internship in Visual Studies</p> <p>This internship course provides an opportunity for students to gain practical experience at an institution or business closely related to the arts and to visual studies. This is especially tailored for mature and self-disciplined students in their final year of study, who are ready to apply knowledge acquired in previous courses and are planning a career in the arts and cultural sector. Students registered in any DVS program are eligible to apply. Students work closely with the DVS internship coordinator to establish suitability. Regular updates and a final report and presentation will be required. The final grade for the course will be based on these, along with the assessment of the employer.</p>
University-Based Experience			
		FAH375H5	<p>All Our Relations: Indigenous Land Stewardship and Art</p> <p>This class embraces land- and earth-based skills as tools in the production and maintenance of revitalization efforts in Indigenous culture and knowledge. Throughout the course students will lead the development, production and maintenance of a Community Medicine Garden initiative to be located in the heart of the UTM campus. Topics include environmental liberation, food sovereignty, kinship, gardening as resistance, matriarchy, land stewardship, landscaping with regional indigenous plants, Indigenous feminisms, place-based knowledge and knowledge sharing. Activities will include: film screenings, community feasts, public readings, drumming circles, and guests speakers with Traditional Indigenous knowledge carriers, artists, environmental activists, and local grassroots community-based partners.</p>
		FAH451H5	<p>Curating Now: Turning Concepts into Curatorial Projects</p> <p>Students will research and develop a curatorial project proposal in the form of an exhibition, a public installation, a public event, a performance, a website, etc., as the culminating assignment for the course. The emphasis of the course will be on the application of knowledge gained in FAH310H5 and consideration of the multi-level preparatory stages entailed in the mounting of a curatorial project, placing particular emphasis on conceptualization and methodology, and on the premise that curatorial practice is an intellectual endeavour that manifests its ideas in form. Students will learn how to turn a concept into a project proposal and become equipped to develop innovative solutions to future challenges in curatorial practice.</p>

HUM Course Experience Tags (Fall 2021)

Unit	Course Experience	Code	Calendar Title & Description
		FAS434Y5	<p>Individual Investigations in Print Media</p> <p>(Offered at Sheridan College) Students conduct independent research and develop a body of work using print medium(s) of their choice. Students present information on their educational and professional goals after graduation, write an artist's statement about their work, review and discuss articles and videos, and mount a group exhibition of their work.</p>
		FAS443Y5	<p>Individual Investigations in Drawing</p> <p>(Offered at Sheridan College) Students explore the use of drawing to investigate contemporary approaches to the production of artwork. Students work with a variety of traditional and unconventional drawing materials and processes to develop a professional website portfolio. Students participate in peer critiques, and write reflective essays and artist statements.</p>
		FAS445Y5	<p>Individual Investigations in Painting</p> <p>(Offered at Sheridan College) 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.</p>
		FAS446Y5	<p>Individual Investigations in Design</p> <p>(Offered at Sheridan College) Students learn to integrate professional art and design strategies, and to research, coordinate and fully realize their own long-term projects. Students work collaboratively on large projects as well as work on mandatory and optional assignments from a range of possible assignments.</p>
		FAS447Y5	<p>Individual Investigations in Photography</p> <p>(Offered at Sheridan College) Students develop a critically informed photography practice by integrating the history and theory of photography with their production of original work in either an analogue or digital format. Students prepare a presentation comparing two Canadian and/or international MFA programs, in addition to preparing responses to readings and technical assignments.</p>
		FAS448Y5	<p>Individual Investigations in Sculpture</p> <p>(Offered at Sheridan College) Students produce a coherent body of self-directed artwork based on independent research and written proposals. In-progress and completed artworks 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.</p>
		FAS450Y5	<p>Advanced Project</p> <p>(Offered at Sheridan College) In this directed study, students undertake two semesters of independent research under the mentorship of a full-time Art and Art History studio faculty member. Students develop and present a body of artwork and a written and illustrated thesis for discussion, evaluation and critique. Advanced Project students must have a B+ standing in a completed fourth-year studio. A written proposal must be submitted to, and approved by, the department before registration.</p>
		FAS451H5	<p>Advanced Project</p> <p>(Offered at Sheridan College) In this directed study, students undertake a semester-long period of independent research under the mentorship of a full-time Art and Art History studio faculty member. Students develop and present a body of artwork and a written and illustrated thesis for discussion, evaluation and critique. Advanced Project students must have a B+ standing in a completed fourth-year studio. A written proposal must be submitted to, and approved by, the department before registration.</p>

HUM Course Experience Tags (Fall 2021)

Unit	Course Experience	Code	Calendar Title & Description
		FAS452H5	Advanced Project (Offered at Sheridan College) In this directed study, students undertake a semester-long period of independent research under the mentorship of a full-time Art and Art History studio faculty member. Students develop and present a body of artwork and a written and illustrated thesis for discussion, evaluation and critique. Advanced Project students must have a B+ standing in a completed fourth-year studio. A written proposal must be submitted to, and approved by, the department before registration.



UNIVERSITY OF TORONTO

University of Toronto Mississauga

SCIENCES Curriculum Proposals Report

Report Generated: November 29th, 2021.

Table of Contents

Anthropology (UTM), Department of	3
2 Minor Program Modifications:.....	3
3 New Courses:.....	4
10 Course Modifications:.....	7
Biology (UTM), Department of	12
6 Minor Program Modifications:.....	12
3 New Courses:.....	19
19 Course Modifications:.....	22
Chemical and Physical Sciences (UTM), Department of	30
8 Minor Program Modifications:.....	30
8 Course Modifications:.....	38
Forensic Science, Programs in	41
2 Minor Program Modifications:.....	41
1 New Course:.....	43
6 Course Modifications:.....	44
Geography, Geomatics and Environment (UTM), Department of	46
2 Minor Program Modifications:.....	46
1 New Course.....	49
1 Course Modifications:.....	50
2 Retired Courses:.....	51
Management and Innovation (UTM), Institute for	52
3 New Courses:.....	52
Mathematical and Computational Sciences (UTM), Department of	55
10 Minor Program Modifications:.....	55
2 New Courses:.....	69
46 Course Modifications:.....	71
3 Retired Courses:.....	84
Psychology (UTM), Department of	85
3 Minor Program Modifications:.....	85
3 New Courses:.....	89
5 Course Modifications:.....	92
Addendum: Sciences Course Experience Tags (Fall 2021)	94

TOTAL SCIENCES MINOR PROGRAM MODIFICATIONS: 33
TOTAL SCIENCES NEW COURSES: 16
TOTAL SCIENCES RETIRED COURSES: 5
TOTAL SCIENCES COURSE MODIFICATIONS: 144 (including 49 Course Experience Tags)

Anthropology (UTM), Department of

2 Minor Program Modifications:

Anthropology - Major (Science)

Completion Requirements:

7.5 credits are required.

First Year: ANT101H5 and ANT102H5 and ISP100H5

Second Year:

1. ANT200H5 and ANT201H5 and ANT202H5 and ANT203H5 and ANT220H5
2. ANT204H5
3. ANT206H5 or ANT207H5

Higher Years:

2.5 additional ANT credits, of which at least 2.0 must be ANT science courses. At least 1.0 of the 2.5 credits must be at the 300 level, including 0.5 credit at the 400 level.

NOTE: HSC403H5 and HSC404H5 are science credits and can be used to fulfill ANT program requirements.

Rationale:

HSC course options removed as these courses are currently open to BIO program students only.

Consultation:

Consultation with the Biology department, Anthropology Curriculum Committee members and Chair.

Anthropology - Specialist (Science)

Completion Requirements:

10.5 credits are required.

First Year: ANT101H5, ANT102H5, ISP100H5

Second Year:

1. ANT200H5, ANT201H5, ANT202H5, ANT203H5, ANT220H5
2. ANT204H5
3. ANT206H5 or ANT207H5

Higher Years:

5.5 additional ANT credits, of which at least 4.0 must be ANT science courses. At least 3.5 of the 5.5 credits must be at the 300/400 level, including 1.0 credit at the 400 level.

NOTE: HSC403H5 and HSC404H5 are science credits and can be used to fulfill ANT program requirements.

Rationale:

HSC course options removed as these courses are currently open to BIO program students only.

Consultation with the Biology department, Anthropology Curriculum Committee members and Chair.

3 New Courses:

ANT405H5: Behind Bars: Anthropology of Institutions and Confinement

Contact Hours:

Seminar: 24

Description:

This course explores confinement, institutions, and incarceration from a broad anthropological perspective. Bioarchaeological, archaeological, and ethnographic research on institutions (e.g., asylums, poorhouses, prisons) will be critically examined. The goal of the course is to provide students with a complex understanding of institutionalization through time and how health vulnerabilities are created and recreated.

Prerequisites:

ANT200H5 and ANT220H5

Corequisites:

Exclusions:

Recommended Preparation:

Breadth Requirements:

Rationale:

A newly hired Assistant Professor (Madeleine Mant) would like to propose this new course to teach since it is related to her research. As well, this course would increase the available course offerings under the Anthropology of Health focus.

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

ANT497H5: Advanced Independent Study

Contact Hours:

Description:

This independent study course is designed to offer students advanced supervised reading, research and planning for a publishable report on an anthropological topic not covered in other courses, or covered only briefly. Students who wish to pursue this option with a specific faculty member should approach the faculty member early - before the start of the academic term - to negotiate the research and study program.

Prerequisites:

Permission of Instructor and Permission of Department

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

Adding this course to match the numbering convention of the 300 level independent study & ROP courses. This will allow us to introduce a 400-level ROP option. Not necessary to include exclusions of previous course codes (was 498) since students are allowed to repeat an independent study course for credit. They are very individual so this will unlikely be an issue. As well, in checking who already took independent study courses in the past, we also check to see if they have already graduated (or will graduate before the fall 2022 term).

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

ANT497Y5: Advanced Independent Study

Contact Hours:

Description:

This independent study course is designed to offer students advanced supervised reading, research and planning for a publishable report on an anthropological topic not covered in other courses, or covered only briefly. Students who wish to pursue this option with a specific faculty member should approach the faculty member early - before the start of the academic term - to negotiate the research and study program.

Prerequisites:

Permission of Instructor and Permission of Department

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

Adding this course to match the numbering convention of the 300 level independent study & ROP courses. This will allow us to introduce a 400-level ROP option. Not necessary to include exclusions of previous course codes (was 498) since students are allowed to repeat an independent study course for credit. They are very individual so this will unlikely be an issue. As well, in checking who already took independent study courses in the past, we also check to see if they have already graduated (or will graduate before the fall 2022 term).

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

10 Course Modifications:

ANT214H5: Anthropology of Food and Nutrition

Description:

This course explores human food use and nutrition from a broad anthropological perspective. It examines archaeological ~~and osteological~~ evidence of dietary patterns of human ancestors and examines contemporary phenomena such as the preference for sweetness and lactase persistence that are the legacy of ancestral adaptations. It explores significant food revolutions 'revolutions', from the origins of agriculture to the relatively recent phenomenon of biotechnological food production. It uses a wide range of theoretical approaches from biological and looks at both socio-cultural anthropology to understand the positive and negative effects of these changes on patterns of human growth food production, distribution and health consumption observed today. The goal of the course is to provide students with a basic broad understanding of nutrition science that is contextualized in contemporary the many anthropological debates about approaches to the costs study of changing food systems and nutrition.

Rationale:

Updating the description for accuracy.

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

ANT220H5: Introduction to the Anthropology of Health

Description:

This course introduces students to the many strategies diverse approaches used by anthropologists use to understand patterns of examine human health and disease in human populations through time illness. It will serve as an entry point into the Anthropology of Health focus and will be a prerequisite for later courses in Growth and Development Archaeological, Infectious Disease biological, socio-cultural and medical anthropology examine health and the Advanced Seminar disease in the Anthropology past and present populations using a wide variety of Health theoretical and methodological tools. In this course, the The concept of health is examined will be explored using bioarchaeology, biomedicine, medical anthropology, these various and epidemiology often complementary approaches. The course examines evolutionary, epigenetic, and life history approaches goal is to understanding chronic disease risk in human populations, culminating provide students with a broad theoretical foundation for further study in an investigation of the role anthropology of poverty and social inequality on disease burden health. Although the course is designed as an introduction to the Health focus [24], it is suitable for students seeking training in pre-health disciplines and is open to all students possessing the necessary prerequisites.

Rationale:

Updating the description for accuracy.

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

ANT337H5: Anthropology of Growth and Development

Description:

This course examines growth and development from a variety of theoretical perspectives. It begins with an examination of the fundamental biological principles of growth and how these are expressed throughout evolution. It explores the evolution of growth

patterns among primates and hominins and compares patterns of growth among the living primates. The course examines human growth and development throughout infancy, childhood, and adolescence and explores the influence of genetic, epigenetic, and endocrine processes on the plasticity of human growth that ultimately produces the variability observed in our species. The goal of the course is to provide students with a complex understanding of how evolutionary and environmental processes interact in the production of growth and health in human populations.

Rationale:

Updating the description for accuracy.

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

ANT338H5: Laboratory Methods in Biological Anthropology

Description:

Previous: Recommended for those who may specialize in biological anthropology . Students will be introduced to the process of conducting research, including selected laboratory procedures and how they are used to generate and / or analyze data. Students conduct anthropometric assessment of growth and body size, nutrition assessment through 24-hour dietary recall, and assessment of physical activity and sleep using triaxial accelerometry. These biometric techniques have numerous applications in both research and clinical settings. Students in this course will develop applied skills in bioanthropological assessment that can be used in the fields of anthropology, population health, public health nutrition, and human development. [12L, 24P]

New:

This lab methods course focuses on laboratory techniques used by biological anthropologists to assess growth, health, and risk of chronic disease in human populations . In this course students will gain practical, hands-on experience in nutrition assessment, anthropometry, physical activity and sleep assessment, and human energy expenditure. State-of-the-art instruments and software are employed, ensuring students gain valuable knowledge of data management and analysis using applications suitable in both clinical and research settings . < / p>

Rationale:

Updating the description for accuracy.

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

ANT341H5: Anthropology of Infectious Disease

Description:

Infection **is a significant area of study for anthropologists because it** is situated at the intersection of social and biological experience. This course examines why infectious disease occupies such a central position in our contemporary understanding of health. It examines the many theoretical and methodological approaches currently used to understand how humans experience infectious illness. Perspectives from bioarchaeology, demography, environmental anthropology, **medical history**, biocultural anthropology, and medical anthropology are used to examine the way epidemics and infections have been understood throughout human history and how those understandings continue to shape human perceptions of risk, the body and identity. Social inequality is a major focus of inquiry; the course explores how colonialism, **globalization** and injustice lead to significant and persistent health inequalities for many populations.

Rationale:

Updating the description for accuracy.

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

ANT437H5: Advanced Seminar in the Anthropology of Health

Description:

This course is the culmination of the undergraduate Anthropology of Health focus and aims to prepare students for workplace application and graduate study in a wide range of clinical and research domains. The course brings together diverse branches of biological investigation (human biology, nutrition, growth and development, chronic and communicable disease) and undertakes a critical examination of theory and methods used in the study of human health. It traces the historical development of the powerful biomedical paradigm that dominates health research today and uses a critical lens to examine the systems used to measure and classify health and disease. It explores evolutionary and biological approaches to understanding human health by examining the concepts of adaptation and plasticity, genetic and epigenetic approaches, developmental origins and life history theories, social determinants of health, and critical medical anthropology. The course explores the profoundly influential role of social inequality on the production and reproduction of health in historical and contemporary populations.

Rationale:

Updating the description for accuracy.

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

ANT498H5: Advanced Independent Study

Title:

Advanced Independent Reading Study

Description:

This independent reading study course is designed to offer students advanced supervised reading; research and planning for a publishable report on an anthropological topic not covered in other courses, or covered only briefly. Students who wish to pursue this option with a specific faculty member should approach the faculty member early - before the start of the academic term - to negotiate the reading research and study program.

Rationale:

Renaming this course to match the numbering convention of the 300 level independent study courses. This will allow us to introduce a ANT499 ROP. Not necessary to include exclusions of previous course codes since students are allowed to repeat an independent study course for credit. They are very individual so this will unlikely be an issue. As well, in checking who already took independent study courses in the past, we also check to see if they have already graduated (or will graduate before the fall 2022 term).

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

ANT498Y5: Advanced Independent Study

Title:

Advanced Independent Reading Study

Description:

This independent reading study course is designed to offer students advanced supervised reading, research and planning for a publishable report on an anthropological topic not covered in other courses, or covered only briefly. Students who wish to pursue this option with a specific faculty member should approach the faculty member early - before the start of the academic term - to negotiate the reading research and study program.

Mode of Delivery:**Previous:**

New: In Class

Rationale:

Renaming this course to match the numbering convention of the 300 level independent study courses. This will allow us to introduce a ANT499 ROP. Not necessary to include exclusions of previous course codes since students are allowed to repeat an independent study course for credit. They are very individual so this will unlikely be an issue. As well, in checking who already took independent study courses in the past, we also check to see if they have already graduated (or will graduate before the fall 2022 term).

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

ANT499H5: Advanced Independent Research**Title:**

Advanced Independent Research Opportunity Program

Description:**Previous:**

This independent research course is designed to offer students advanced supervised research and writing of a publishable report on an anthropological topic not covered in other courses, or covered only briefly . Students who wish to pursue this option with a specific faculty member should approach the faculty member early - before the start of the academic term - to negotiate the research and writing program . < / p>

New:

This course provides senior undergraduate students who have developed some knowledge of a discipline and its research methods an opportunity to work in the research project of a professor in return for course credit . Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. Based on the nature of the project, projects may satisfy the Sciences or Social Sciences distribution requirement. Participating faculty members post their project descriptions for the following summer and fall / winter sessions in early March. See [Experiential and International Opportunities](#) for more details .

Distribution Requirements:

Previous: Science, Social Science

New:**Rationale:**

Changing the name and description to match the numbering conventions of the 300 level ROP courses. Not necessary to include exclusions of previous course codes since students are allowed to repeat an independent study course for credit. They are very individual so this will unlikely be an issue. As well, in checking who already took independent study courses in the past, we also check to see if they have already graduated (or will graduate before the fall 2022 term).

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

ANT499Y5: Advanced Independent Research**Title:**

~~Advanced Independent~~ Research Opportunity Program

Description:**Previous:**

This independent research course is designed to offer students advanced supervised research and writing of a publishable report on an anthropological topic not covered in other courses, or covered only briefly . Students who wish to pursue this option with a specific faculty member should approach the faculty member early - before the start of the academic term - to negotiate the research and writing program . < / p>

New:

This course provides senior undergraduate students who have developed some knowledge of a discipline and its research methods an opportunity to work in the research project of a professor in return for course credit . Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. Based on the nature of the project, projects may satisfy the Sciences or Social Sciences distribution requirement. Participating faculty members post their project descriptions for the following summer and fall / winter sessions in early March. See [Experiential and International Opportunities](#) for more details .

Mode of Delivery:**Previous:**

New: In Class

Distribution Requirements:

Previous: Science, Social Science

New:**Rationale:**

Introducing a 400-level ROP option. Not necessary to include exclusions of previous course codes since students are allowed to repeat an independent study course for credit. They are very individual so this will unlikely be an issue. As well, in checking who already took independent study courses in the past, we also check to see if they have already graduated (or will graduate before the fall 2022 term).

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

6 Minor Program Modifications:

Biology - Major (Science)

Completion Requirements:

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

1. BIO152H5, BIO153H5; CHM110H5, CHM120H5; (MAT132H5, MAT134H5)/MAT134Y5 *(MAT135H5, MAT136H5)/MAT135Y5/MAT137Y5 Note*(MAT132H5, MAT134H5) - for Life Sciences is highly recommended.
2. BIO202H5, BIO203H5, BIO205H5, BIO206H5, BIO207H5; ~~STA215H5~~** BIO259H5 or/PSY201H5
3. ~~2.0 in UTM Biology courses at the 300 or STA215H5 400 level.~~

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

1. 2.0 in UTM Biology courses at the 300 or 400 level ~~STA215H5~~.

NOTES

- Students should be aware of the distinct credit requirement for their degree (see section 8.6 - HBSc Degree Requirements for full details). Completion of this program with another Biology Major or Biology Minor will not satisfy the min. 12.0 distinct credit requirement for a degree. Please choose programs and courses accordingly.
- PSL201Y1, offered on the St. George campus, will not meet the Physiology requirements for the Biology Major program and cannot be used for this program.
- Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project/Thesis courses at the 300/400-level for credit toward their Biology program.
- Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.

Rationale:

Adding newly proposed BIO259H5 course to program completion requirements.

Resource Implications:

Biology - Specialist (Science)

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

First Year:

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

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

Second Year:

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

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

Third and Fourth Years:

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

It is recommended that students in the specialist program include at least 0.5 credit from each of four of the following groups:

- **Ecology and Field Biology** : BIO311H5 or BIO312H5 or BIO313H5 or BIO330H5 or BIO331H5 or BIO333H5 or BIO373H5 or BIO376H5 or BIO378H5 or BIO412H5 or BIO416H5 or BIO464H5
- **Biology of Whole Organisms** : BIO325H5 or BIO326H5 or BIO335H5 or BIO338H5 or BIO354H5 or BIO356H5 or BIO376H5 or BIO378H5
- **Genetics and Evolution**: BIO341H5 or BIO342H5 or BIO347H5 or BIO407H5 or BIO422H5 or BIO427H5 or BIO443H5 or BIO445H5 or BIO464H5
-

Cell, Molecular and Developmental Biology : BIO314H5 or BIO315H5 or BIO324H5 or BIO362H5 or (BIO370Y5 or BIO371H5) or BIO372H5 or BIO374H5 or BIO375H5 or BIO380H5 or BIO404H5 or BIO407H5 or BIO408H5 or BIO417H5 or BIO419H5 or BIO422H5 or BIO458H5 or BIO475H5 or BIO476H5 or BIO477H5

•
Physiology and Behaviour : (BIO208H5 or BIO209H5) or BIO304H5 or BIO310H5 or BIO312H5 or (BIO318Y5 or BIO328H5) or BIO320H5 or BIO368H5 or BIO405H5 or BIO408H5 or BIO409H5 or BIO410H5 or BIO411H5 or BIO414H5 or **BIO429H5** or BIO434H5

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

Additional courses: BIO361H5 or BIO400Y5 or BIO481Y5 or JCB487Y5

Rationale:

Adding newly proposed BIO259H5 course to program completion requirements.

Resource Implications:

Biology for Health Sciences - Major (Science)

Completion Requirements:

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

Program Requirements:

1.
BIO152H5, BIO153H5; CHM110H5, CHM120H5; (MAT132H5, MAT134H5)/MAT134Y5 */(MAT135H5, MAT136H5)/MAT135Y5/MAT137Y5 Note*(MAT132H5, MAT134H5) - for Life Sciences is highly recommended.

2.
BIO202H5, BIO206H5, BIO207H5, (BIO208H5, BIO209H5), BIO304H5, BIO310H5, BIO380H5; ~~STA215H5~~** **BIO259H5** or ~~PSY201H5~~ or **STA215**

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

•
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, BIO417H5, BIO419H5, BIO422H5, BIO475H5, BIO476H5, BIO477H5; JBC472H5

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

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

** Students who plan to take BIO360 or who plan to transfer to a Biology Specialist program should enrol in STA215H5. NOTES

- Students should be aware of the distinct credit requirement for their degree (see section 8.6 - HBS Sc Degree Requirements for full details). Completion of this program with another Biology Major or Biology Minor will not satisfy the min. 12.0 distinct credit requirement for a degree. Please choose programs and courses accordingly.

- As part of your degree requirement the 'Biology for Health Sciences' Major would be academically complemented by a Major in Psychology, Anthropology, Exceptionality in Human Learning, Forensic Science, and Chemistry, as well as other disciplines such as the Major in Management. This major program would also be complemented by a Minor in Biomedical Communications (Science).

Rationale:

Adding newly proposed BIO259H5 course to program completion requirements.

Resource Implications:

Comparative Physiology - Specialist (Science)

Completion Requirements:

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

First Year:

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

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

Second Year:

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

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

Third and Fourth Years:

1. BIO304H5 and BIO310H5 and BIO312H5 and BIO360H5 and BIO409H5;
- 2.

CHM242H5 and CHM243H5

3.

At least 2.0 credits from: BIO320H5 or BIO347H5 or BIO354H5 or BIO361H5 or BIO372H5 or BIO404H5 or BIO408H5 or BIO410H5 or BIO411H5 or BIO412H5 or BIO414H5 or BIO417H5 or BIO419H5 or BIO422H5 or **BIO429H5** or BIO481Y5 or CHM361H5 or CHM362H5 or JCB487Y5 or PHY332H5 or PHY333H5 or PSY290H5 or PSY395H5

4.

1.0 additional BIO credit taken at U of T Mississauga campus

No substitute statistics course will be allowed for BIO360H5. Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project/Thesis courses at the 300/400-level for credit toward their Biology program. Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.

Rationale:

Adding newly proposed BIO259H5 course to program completion requirements.

Resource Implications:

Ecology and Evolution - Specialist (Science)

Completion Requirements:

14.5 credits are required, including at least 6.0 credits at the 300/400 level, of which **1.0** ~~1.5~~ credits must be at the 400 level.

First Year:

1.

BIO152H5 and BIO153H5

2.

CHM110H5 and CHM120H5

3.

(MAT132H5 and MAT134H5) or MAT134Y5 or (MAT135H5 and MAT136H5) or MAT135Y5 or MAT137Y5

4.

1.0 credit from: CLA201H5 or ENV100Y5 or ERS101H5 or PHY136H5 or PHY137H5 or PSY100Y5 or WRI173H5 or WRI307H5

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

Second Year:

1.

BIO202H5 and BIO203H5 and BIO205H5 and BIO206H5 and BIO207H5 and **BIO259H5** or STA215H5

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

Third and Fourth Years:

1.

BIO313H5 and BIO342H5 and BIO360H5 and BIO443H5

2.

1.0 credit from courses in organismal biology: BIO325H5 or BIO326H5 or BIO335H5 or BIO338H5 or BIO339H5 or BIO354H5 or BIO356H5 or (BIO370Y5 or BIO371H5)

3.

0.5 credit from field courses: BIO416H5 or other 2-week Ontario Universities Program in Field Biology (OUPFB) Courses

4.

2.0 credits from core ecology/evolutionary biology courses: BIO311H5 or BIO330H5 or BIO331H5 or BIO333H5 or BIO341H5 or BIO361H5 or BIO373H5 or BIO376H5 or BIO378H5 or BIO406H5 or **BIO427H5** or BIO445H5 or BIO464H5 or GGR312H5 or JBH471H5

5.

1.0 credit from other UTM biology courses at the 300/400 level.

6.

1.0 credit from related courses from other departments: MAT212H5 or MAT222H5 or MAT232H5 or STA302H5 or STA322H5 or GGR227H5 or GGR278H5 or GGR305H5 or GGR307H5 or GGR309H5 or GGR311H5 or from courses listed in #4, #5 and #6

Rationale:

Currently the calendar mentions that of the 14.5 credits required to complete the program, 1.5 must credits be at the 400 level. The only 400 level courses that are mandatory for the program are BIO416H5 & BIO443H5. This should be changed to reflect that 1.0 credits must be at the 400 level (not 1.5 at the 400 level).

Consultation:

Biology Curriculum Committee

Resource Implications:

Molecular Biology - Specialist (Science)

Completion Requirements:

15.0 credits are required.

First Year:

1.

BIO152H5 and BIO153H5

2.

CHM110H5 and CHM120H5

3.

(MAT132H5 and MAT134H5) or MAT134Y5 or (MAT135H5 and MAT136H5) or MAT135Y5 or MAT137Y5

4.

1.0 credit from: CLA201H5 or ENV100Y5 or (ERS101H5 or ERS120H5) or PHY136H5 or PHY137H5 or PSY100Y5 or WRI173H5 or WRI307H5

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

Second Year:

1.

BIO206H5 and BIO207H5

2.

CHM242H5 and CHM243H5

3.

BIO259H5 or STA215H5

4.

1.0 credit from BIO202H5 or BIO203H5 or BIO205H5

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

Third Year:

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

Fourth Year:

1. BIO477H5 or BIO419H5**
2. 1.0 credit from BIO403H5 or BIO407H5 or BIO408H5 or BIO411H5 or BIO417H5 or BIO419H5 or BIO422H5 or BIO429H5 or BIO443H5 or BIO458H5 or BIO476H5 or BIO477H5 or BIO481Y5 or BCH441H1 or CHM444H5 or CHM462H5 or CHM489Y5 or JBC472H5 or JCB487Y5 or JCP463H5 or CSB435H1 or CSB450H1 or CSB459H1 or CSB472H1 or CSB473H1 or CSB474H1 or CSB475H1 or MGY425H1 or MGY428H1 or MGY440H1 or MGY445H1 or MGY451H1 or MGY452H1 or MGY470H1 or MIJ485H1

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

Rationale:

Adding newly proposed BIO259H5 course to program completion requirements.

Resource Implications:

3 New Courses:

BIO259H5: Introduction to Biological Data

Contact Hours:

Lecture: 24 / Practical: 24 / Tutorial: 12

Description:

This course introduces students to the exploration and analysis of biological data through computation. Students will learn to import biological datasets, parse and manipulate the data, and develop an intuition for basic statistical thinking through practical exercises and lectures.

Prerequisites:

BIO152H5 and BIO153H5

Corequisites:**Exclusions:**

BIOB20H3

Recommended Preparation:**Rationale:**

The scale and scope of biological data has escalated our reliance on computational tools for sharing and analyzing data. In line with our self-study, independent external evaluation emphasized the need to offer more computational biology programming in our curriculum. We began last year with building first-year numeracy modules in BIO152 & BIO153 to introduce students to computational biology. This course builds on these first-year numeracy modules by applying computational skills to advanced statistical techniques. We will provide practical guidance for students to learn computational programming and statistical testing with a strong emphasis on the analysis of biological datasets. Students who complete this course will also be prepared for the advanced statistics courses in the department (BIO360 and BIO361), and two new upper-level proposed machine learning courses BIO427H5 and BIO429H5. The course will significantly benefit students' undergraduate experiences and better prepare them for the growing scope of biological data.

Consultation:

Prof. Levine (Chair), working group consisting of: Prof. Marc Dryer, Prof. Richter, Prof. Dillon, Prof. Resulaj, Prof. Nguyen-Ba, Prof. Ness, and Biology Curriculum Committee

Resources:

One instructor, TA support, lab equipment (computer labs), IT support

BIO427H5: Data Science in Biology

Contact Hours:

Seminar: 36

Description:

Biology has become a data-driven science with the arrival of complex datasets. Extracting information from these large-scale experiments requires approaches that unify statistics and computer science. The course will focus on strengthening mathematical intuition on core topics such as hypothesis testing and statistical models while connecting these to machine learning.

Prerequisites:

BIO360H5

Corequisites:

Exclusions:

BIO429H5 or CSC311H1 or CSC311H5 or CSC413H1 or CSC413H5 or CSCC11H3 or STA314H1 or STA314H5

Recommended Preparation:

BIO361H5

Topics Covered:

The objective of the course is for students to gain a formal intuition on machine learning and statistics, especially in the context of biological data. The students will learn how these lines of inquiries can be useful in answering major biological questions. Thus, the course will let students peer into the black-box of statistical models and slowly uncover how simple statistical tests and concepts learned in a previous course (BIO360/361) extend to machine learning. Concepts such as false discovery rates, p-values, maximum likelihood, regression, regularization and cross-validation, are now present in nearly all high-impact papers in biology, and the course here reinforces these notions to undergraduate students in the biology program.

Rationale:

This course builds on the new biology computational curriculum to introduce students to statistical techniques and computation throughout the whole undergraduate experience. This course reflects the strategy devised by the Biology department in response to the major need, as evaluated through a self-study and through external evaluation, to develop computational skillset in biology at the undergraduate level. The proposed course is an advanced theoretical exploration of these missing topics through the lens of biological data. The course focuses on the basics of machine learning and data modeling, where students will learn to understand what makes machine learning work and where it can be applied in biology.

Consultation:

Prof. Levine (Chair), working group: Prof. Dryer, Prof. Richter, Prof. Ness, Prof. Dillon, Prof. Nguyen-Ba, Prof. Resulaj, Biology Curriculum Committee.

Resources:

BIO429H5: Data analysis in Neurobiology

Contact Hours:

Lecture: 24 / Practical: 12

Description:

This course explains the fundamental principles of biological data analysis by focusing on neuroscience datasets. Students will learn methods for sampling data, testing hypotheses, multiple linear regression, PCA, clustering through both lectures and practical exercises. These methods will be discussed in the context of current research in understanding brain functions.

Prerequisites:

BIO360H5 or permission of instructor

Corequisites:

Exclusions:

BIO427H5 or CSC311H1 or CSC311H5 or CSC413H1 or CSC413H5 or CSCC11H3 or STA314H1 or STA314H5

Recommended Preparation:

Topics Covered:

- Define basic concepts and methods to analyze modern neuroscience datasets
- Combine basic concepts from statistics, linear algebra, calculus to understand the principles of biological data analysis.
- Select appropriate methods to analyze biological data
- Carry out analysis of modern neuroscience datasets to answer a biological question
- Appreciate insights that we gain in understanding the brain from using these methods

The objectives above meet several student learning outcomes targeted by the UTM Biology department (see the end of this document for corresponding numbers):

2. apply knowledge through hypothesis-driven methods of scientific inquiry to answer biological questions

Rationale:

To facilitate the transition to a professional career or research, it is important that students are exposed to computational skills and concepts throughout their undergraduate years. This was identified as important in the self-study conducted by the UTM Department of Biology and has led to multiple numeracy modules throughout the undergraduate years to facilitate learning: first year numeracy modules BIO152 and BIO153, new BIO2xx that introduces statistical concepts through computer simulations, BIO360 and BIO361, and two 4th year advanced methods courses.

Consultation:

Prof. Levine (Chair), working group: Prof. Dryer, Prof. Richter, Prof. Ness, Prof. Ngueyn-Ba, Prof. Resulaj

Resources:

19 Course Modifications:

BIO152H5: Introduction to Evolution and Evolutionary Genetics

Prerequisites:

Previous: 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 and CHM120H5 and (MAT134Y5 or MAT135Y5 or MAT137Y5) are requirements for these programs.

New: Grade 12 SBI4U Biology (minimum grade of 70%)

Note:

Previous:

New: 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 and CHM120H5 and (MAT134Y5 or MAT135Y5 or MAT137Y5) are requirements for these programs.

Rationale:

The Biology department would like to maintain a certain level of knowledge and experience based on high school courses and performance, which is reflected in our regular cut-off for acceptance to Life Sciences. Students who have not met Biology admission cut-offs but have accepted alternate offers to Psychology or Social Sciences can currently still enrol into first year Biology courses. These students often have little (Psychology requires a minimum of 50% Grade 12 Biology) or no (Social Science does not require Bio from High School - or does not check for it) background in Biology and consequently these students are struggling in first year Biology courses and continue to have difficulties in keeping up with course contents. Setting a minimum grade for High School Grade 12 Biology would alleviate this issue somewhat. It is also in line with the prerequisites for first-year CHM110H5 course.

Consultation:

Instructor, Biology Curriculum Committee and Chair of Department.

Resources:

BIO200H5: Introduction to Pharmacology: Pharmacokinetic Principles

Prerequisites:

Previous:

New: BIO152H5 and BIO153H5 and CHM110H5 and CHM120H5

Corequisites:

Previous: (Recommended):BIO206H5

New:

Recommended Preparation:

Previous: CHM211H5 and CHM242H5 and JCP221H5

New:

Rationale:

The instructor currently teaching this course feels that the course needs prerequisites in place in order that students have similar background knowledge before enrolling in the course. The instructor felt that the corequisite of BIO206 and the recommended prep courses was not necessary with the addition of first year chemistry courses.

Consultation:

Instructor and Biology Curriculum Committee

Resources:

BIO207H5: Introductory Genetics

Prerequisites:

BIO152H5 and BIO153H5 and BIO206H5

Corequisites:

Previous: BIO153H5

New:

Rationale:

Foundational knowledge and skills gained in BIO153H5 are integral to student success in BIO207H5 and will allow the instructor to delve deeper into BIO207H5 course content, rather than reviewing background knowledge from BIO153H5.

Consultation:

Instructor and Biology Curriculum Committee. MCS has been informed as Bioinformatics students are required to take BIO207H5 as a completion requirement (but not BIO153H5).

Resources:

BIO311H5: Landscape Ecology

Prerequisites:

BIO205H5 and (BIO259H5 or STA215H5) and permission of instructor * STA215H5 will no longer be accepted as an appropriate prerequisite course AFTER 2022-2023 Academic year. Beginning 2023-2024 Academic year all students will be required to complete BIO259H5 as the statistics prerequisite course. ~~instructor~~

Corequisites:

Previous: BIO360H5 or STA215H5 or STA220H5

New:

Recommended Preparation:

Previous:

New: BIO360H5

Rationale:

Addition of new Biology numeracy course to prerequisites. Instructor no longer felt corequisites were suitable for the course. Change in recommended prep course is a course the instructor currently teaches.

Consultation:

Instructor and Biology Curriculum committee

Resources:

BIO313H5: Field Methods and Experimental Design in Ecology

Prerequisites:

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

Corequisites:

Previous: (STA215H5 or PSY201H5) or equivalent

New:

Rationale:

Instructor has decided that the previous co-requisites should be prerequisites in order for students to have the knowledge needed to be successful in this course.

Consultation:

Instructor and Biology Curriculum Committee

Resources:

BIO320H5: Sensory and Cognitive Ecology**Description:**

The acquisition and transduction of environmental information will be explored in the context of decision making and **adaptive behaviour behavioural output**. This course will focus on the form and function of visual, auditory, tactile, and chemical senses and signals, **and information transfer between sources** and **animal communication writ large receivers**. Post-acquisition, cognitive processes concerned with learning and memory will also be discussed. A comparative approach will be taken throughout to examine the ways that different animals and animal groups rely on different sources of information and a diverse variety of sensory and cognitive mechanisms. All topics will be covered in the context of species-specific ecology and evolution.

Rationale:

The instructor teaches BIO320H5 and BIO405H5. He is changing the title and topics taught in both courses and as BIO320 is being used as one of the prerequisites for BIO405, both descriptions will need to be changed slightly.

Resources:

BIO324H5: Plant Biochemistry**Contact Hours:**

Previous: Lecture: 36

New: Lecture: 36 / **Tutorial:** 12

Rationale:

The course is largely a "chalk-talk" lecture format. Based on student evaluations students have suggested that a tutorial hour in addition to the lecture hour, should be added so that students can develop organic chemistry skills related to drawing pathways. They have also commented on large amount of material covered in lecture lacks a review session. The tutorial would be dedicated to reviewing course material. Instructor is willing to teach both the lecture and tutorial sections so no additional TA resources needed.

Consultation:

Instructor and Biology Curriculum Committee

Resources:

BIO333H5: Freshwater Ecology**Prerequisites:**

BIO205H5 and CHM110H5 and CHM120H5

Corequisites:

Previous: BIO205H5

New:

Rationale:

Instructor has confirmed the previous corequisite is required knowledge for the course so it will now be a pre-requisite.

Resources:

BIO342H5: Evolutionary Biology

Recommended Preparation:

([BIO259H5](#) or BIO360H5 or STA215H5)(strongly recommended)

Rationale:

o introduce the new STATS BIO259 course, as this will be the preferred STATS course for all majors and specialists in the department going forward.

Resources:

BIO356H5: Major Features of Vertebrate Evolution

Prerequisites:

Previous:

New: (BIO208H5 and BIO209H5) or BIO210Y5Y

Corequisites:

Previous: (BIO208H5 and BIO209H5) or BIO210Y5

New:

Recommended Preparation:

[BIO259H5](#) or BIO360H5 or STA215H5

Rationale:

Instructor has decided that the co-requisites should be prerequisites in order that students have the required knowledge before enrolling into this course.

Consultation:

Instructor and Biology Curriculum Committee

Resources:

BIO360H5: Biometrics I

Prerequisites:

[BIO259H5](#) or [STA215H5](#) * [STA215H5](#) will no longer be accepted as an appropriate prerequisite course **AFTER 2022-2023 Academic year. Beginning 2023-2024 Academic year all students will be required to complete [BIO259H5](#) as the statistics prerequisite course.**

Rationale:

Instructor would like to add the new statistics course to the prerequisites.

Consultation:

Instructor and Biology Curriculum Committee

Resources:

BIO372H5: Molecular Biology

Contact Hours:

Previous: *Lecture*: 36

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

Description:

Previous: The organization, storage and transmission of genetic information . Structural features of nucleic acids and genes. DNA replication and repair. Transcription mechanisms and regulation. The genetic code and protein synthesis. Introduction to mechanisms of recombination. Selected topics in biotechnology (mutagenesis, gene manipulation, PCR) . [36L]

New:

This course provides an overview of the field of molecular biology, including DNA replication, DNA repair, homologous recombination, genome structure, chromatin regulation, transcription cycle, RNA splicing, translation, and genetic code . The course will enable students to learn the fundamental concepts of molecular biology and master critical thinking and problem-solving in the field of molecular biology . < / p>

Prerequisites:

BIO206H5 and BIO207H5 and CHM242H5

Corequisites:

Previous: BIO207H5

New:

Rationale:

The course only provided lectures to overview topics. Instructor would like to adjust teaching hours to include tutorials in order to discuss and evaluate the topics using literature, quizzes and assignments. Students will gain the ability of critical thinking and problem-solving. The change in course description is currently how the course is being taught. BIO207 is preferred as a prerequisite rather than a corequisite.

Consultation:

Instructor and Biology Curriculum Committee

Resources:

BIO375H5: Introductory Medical Biotechnology

Prerequisites:

Completion of 2.0 credits in Biology, plus(BIO259H5 or BIO360H5 or STA215H5 or STA220H5 or PSY201H5)

Rationale:

Instructor wanted to add the new statistics course.

Consultation:

Instructor and Biology Curriculum Committee

Resources:

BIO403H5: Developmental Neurobiology

Exclusions:

Previous:

New: BIO483H5 (Winter 2021)

Rationale:

The instructor was to go on sabbatical leave in 2021 but (due to Covid)cancelled the leave. He had to teach a course and so decided to teach a special topics course (BIO483). The topics covered in BIO483 and his BIO403 have significant overlap in course content.

Resources:

BIO405H5: Evolutionary Perspectives on Cognition and Behaviour**Title:**

Evolutionary Perspectives on ~~Cognition and~~ Behaviour

Abbreviated Title:

Evol ~~Perspectives~~ ~~Perspee~~ on ~~Cog &~~ Behav

Description:

Previous: Neural processes concerned with learning, memory, and decision-making and their ecology and evolution . A comparative approach will be taken as different animals rely on different information and a diverse array of cognitive and behavioural mechanisms. Topics considered will include comparative cognition, behavioural ecology, neuroethology and evolutionary neuroscience. [12L, 24S]

New:

Areas of focus may change from year to year . Each year, advanced topics considered will fall under one of more of the research areas of behavioural ecology, cognitive ecology, evolutionary neuroscience, and / or neuroethology and use as examples a variety of animals, sometimes including humans, and atypical model systems .

Rationale:

Instructor is changing title and description in BIO320 & BIO405. BIO320 will cover sensory ecology and cognitive ecology, whereas dropping the cognitive aspect in the title of BIO405 will imply less overlap with BIO320. The change in description is a better description for students as to how the course will be taught going forward.

Consultation:

Instructor and Biology Curriculum Committee

Resources:

BIO406H5: Current Topics in Ecology and Evolution**Prerequisites:**

BIO205H5 and(BIO259H5 or STA215H5 or BIO360H5)* STA215H5 will no longer be accepted as an appropriate prerequisite course AFTER the 2022-2023 Academic year. Beginning in the 2023-2024 Academic year all students will be required to complete BIO259H5 or BIO360H5 as the statistics prerequisite course.

Rationale:

To introduce the new STATS BIO259 course, as this will be the preferred STATS course for all majors and specialists in the department going forward.

Resources:

BIO407H5: Behaviour Genetics

Prerequisites:

BIO207H5 and BIO318Y5Y and(BIO259H5 or BIO360H5 or STA215H5)* STA215H5 will no longer be accepted as an appropriate prerequisite course AFTER 2022-2023 Academic year. Beginning 2023-2024 Academic year all students will be required to complete BIO259H5 or BIO360H5 as the statistics prerequisite course.

Corequisites:

Previous: BIO318Y5 or PSY252H5

New:

Rationale:

Instructor has decided to remove the co-requisites and make them prerequisites. We have removed PYS252H5 from the list as this course was last offered in 2014.

Consultation:

Instructor and Biology Curriculum Committee

Resources:

BIO419H5: Mammalian Gene Regulation

Title:

Molecular Aspects of Mammalian Gene Regulation

Abbreviated Title:

Molecular Mammalian Gene Regulation

Description:

Gene expression is regulated during development in multicellular organisms. The study of gene regulation is tightly linked to our understanding of cell types and functions in developmental biology. This course provides an overview of the molecular aspects field of mammalian gene expression regulation, including transcription, regulatory RNAs, chromatin regulation, and genomic regulation genomics. Students will read, critique, and present recently published research articles on gene regulation in eukaryotes mammalian development.

{24L, 12S}

Prerequisites:

(BIO207H5 and BIO372H5) or permission of instructor

Exclusions:

BIO484H5 (Fall 2018) or MGY420H1

Rationale:

Currently the course focuses on an overview of the regulation of gene expression in mammals. The instructor would like to focus more on molecular biology aspects of gene regulation in various organisms such as yeast, C.elegans, Drosophila, mouse and human. With the change in title and description the students will learn the concepts of molecular mechanisms of gene regulation in various eukaryotic organism.

Consultation:

Instructor and Biology Curriculum Committee

Resources:

BIO443H5: Phylogenetic Principles

Recommended Preparation:

BIO259H5 ~~STA215H5 or PSY201H5~~ or BIO314H5 or BIO360H5 or STA215H5 or PSY201H5

Rationale:

To introduce the new STATS BIO259 course, as this will be the preferred STATS course for all majors and specialists in the department going forward.

Consultation:

Resources:

8 Minor Program Modifications:

Biological Chemistry - Specialist (Science)

Completion Requirements:

14.0-14.5 credits are required.

First Year:

1.
BIO152H5
2.
CHM110H5 and CHM120H5
3.
(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5
4.
(PHY136H5 and PHY137H5) or (PHY146H5 and PHY147H5)
5.
For students entering the program in 2023-2024 (and beyond): ISP100H5

Second Year:

1.
CHM211H5 and CHM231H5 and CHM242H5 and CHM243H5
2.
JCP221H5
3.
BIO206H5 and BIO207H5
4.
0.5 credit of MAT or CSC or STA (at any level)

Third Year:

1.
CHM333H5 and (CHM341H5 or CHM345H5) and CHM347H5 and CHM361H5 and CHM362H5 and CHM372H5 and CHM373H5
2.
BIO372H5

Fourth Year:

1.
CHM399Y5 or CHM489Y5 or CPS489Y5 or CPS400Y5 or JCB487Y5 or (BCH472Y1 or BCH473Y1, with permission of the CHM Program Advisor)
- 2.

1.5 credits from the following courses: BIO324H5 or CHM412H5 or CHM444H5 or CHM462H5 or **CHM485H5** or JCP410H5 or JCP422H5 or JCP463H5 or JBC472H5 or CHM447H1 or CHM479H1 or any 400 level BCH lecture course.

Description of Proposed Changes:

CHM485H5 is added as an option at 4th year level

Rationale:

CHM485H5 as an option was missing from the 4th year level in 2021-22 calendar. We had this option before 2021-22 calendar

Resource Implications:

Biomedical Physics - Specialist (Science)

Enrolment Requirements:

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

1. PHY146H5 (with a minimum grade of **65%** ~~70%~~) or PHY136H5 (with a minimum grade of **80%** ~~90%~~);
2. PHY147H5 (with a minimum grade of **65%** ~~70%~~) or PHY137H5 (with a minimum grade of **80%** ~~90%~~); and
3. ISP100H5
4. ([MAT132H5](#) and [MAT134H5](#) (minimum grade of 65% in MAT134H5)) or ([MAT135H5](#) and [MAT136H5](#) (minimum grade of 65% in MAT136H5)) or [MAT134Y5](#) (minimum grade of 65%) or [MAT135Y5](#) (minimum grade of 65%) or [MAT137Y5](#) or [MAT157Y5](#)
5. **A minimum CGPA of 2.5.**

Completion Requirements:

14.0 credits are required.

First Year:

1. (PHY146H5 and PHY147H5) or (PHY136H5 and PHY137H5)
2. BIO152H5
3. CHM110H5 and CHM120H5
4. (MAT135H5 and MAT136H5) or MAT135Y5 or MAT137Y5 or MAT157Y5
5. ISP100H5

Second Year:

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

Third Year:

1. PHY324H5 and PHY325H5 and PHY332H5 and PHY333H5 and PHY347H5
2. JCP321H5 and JCP322H5

Fourth Year:

1. PHY426H5 and PHY451H5 and JCP421H5
2. [(PHY433H5 or JCP463H5) and PHY473H5] or PHY489Y5 or CPS489Y5 or CPS400Y5 or JCB487Y5 or **PHY399Y5**

NOTES:

~~1. Not all 300 and 400 level courses are offered every year. Please check the course timetable carefully each academic year.~~

1.

At least 65% mark in PHY146H5 ~~2. Check all prerequisites~~ and PHY147H5

2.

At least 80% in PHY136H5 and PHY137H5

~~corequisites when registering for 200+ level courses.~~

Description of Proposed Changes:

Entry Requirements are updated and ROP course (PHY399Y5) is added as an optional course in the upper years. The course was missing from the 2021-22 calendar.

Rationale:

On reflection of trends observed in program enrolment since implementing grade thresholds for entry, we have come to the realization that these thresholds may have been set too aggressively. We therefore propose a reduction in these grade thresholds to bring them into accord with those used for other CPS programs of study (e.g. Chemistry Specialist, Biological Chemistry Specialist and Chemistry Major). Math requirements, with grade thresholds, and CGPA thresholds are also specified, which are also in line with other CPS programs and should serve to ensure student preparedness.

Resource Implications:

Chemistry - Major (Science)**Completion Requirements:**

8.0-8.5 credits are required.

First Year:

1.

CHM110H5 and CHM120H5

2.

(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5

3.

For students entering the program in 2023-2024 (and beyond): ISP100H5

Second Year:

1.

CHM211H5 and CHM231H5 and CHM242H5 and CHM243H5

2.

JCP221H5

Higher Years:

1.

(CHM372H5 and CHM373H5) or (CHM394H5 and CHM395H5) or (CHM396H5 and CHM397H5)

2.

1.5 credits from lecture courses: CHM311H5 or CHM331H5 or CHM333H5 or CHM341H5 or CHM345H5 or CHM347H5 or CHM361H5 or CHM362H5 or CHM436H5 or CHM412H5 or CHM414H5 or CHM416H5 or CHM442H5 or CHM444H5 or CHM462H5 or JCP321H5 or JCP322H5 or JCP410H5 or JCP421H5 or JCP422H5 or JCP463H5

3.

1.0 credit from: CHM311H5 or CHM331H5 or CHM333H5 or CHM341H5 or CHM345H5 or CHM347H5 or CHM361H5 or CHM362H5 or CHM372H5 or CHM373H5 or CHM394H5 or CHM395H5 or CHM396H5 or CHM397H5 or CHM399Y5 or

CHM412H5 or CHM414H5 or CHM416H5 or CHM436H5 or CHM442H5 or CHM444H5 or CHM462H5 or CHM485H5 or CHM489Y5 or CPS489Y5 or CPS398H5 or CPS400Y5 or FSC311H5 or JCP321H5 or JCP322H5 or JCP410H5 or JCP421H5 or JCP422H5 or JCP463H5 or JBC472H5 or JCB487Y5

Description of Proposed Changes:

CHM485H5 is added as an option at 4th year level

Rationale:

CHM485H5 as an option was missing from the 4th year level in 2021-22 calendar. We had this option before 2021-22 calendar

Resource Implications:

Chemistry - Minor (Science)

Completion Requirements:

4.0 credits in CHM/JCP are required.

First Year:

1. CHM110H5 and CHM120H5

Higher Years:

1. 2.0 credits from: CHM211H5 or CHM231H5 or CHM242H5 or CHM243H5 or CHM311H5 or CHM331H5 or CHM333H5 or CHM341H5 or CHM345H5 or CHM347H5 or CHM361H5 or CHM362H5 or CHM372H5 or CHM373H5 or CHM394H5 or CHM395H5 or CHM396H5 or CHM397H5 or CHM412H5 or CHM414H5 or CHM416H5 or CHM436H5 or CHM442H5 or CHM444H5 or CHM462H5 or JCP221H5 or JCP321H5 or JCP322H5 or JCP410H5 or JCP421H5 or JCP422H5 or JCP463H5 or FSC311H5

2. 1.0 credits at 300/400 level from: CHM311H5 or CHM331H5 or CHM333H5 or CHM341H5 or CHM345H5 or CHM347H5 or CHM361H5 or CHM362H5 or CHM372H5 or CHM373H5 or CHM394H5 or CHM395H5 or CHM396H5 or CHM397H5 or CHM412H5 or CHM414H5 or CHM416H5 or CHM436H5 or CHM442H5 or CHM444H5 or CHM462H5 or JCP321H5 or FSC311H5 or JCP322H5 or JCP410H5 or JCP421H5 or JCP422H5 or JCP463H5

Notes :

1. (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 is required for all 200-level CHM/JCP courses-

2. ~~CHM299Y5 does not count towards the completion of this program.~~

Description of Proposed Changes:

Removed the comment "CHM299Y5 does not count towards the completion of this program" from the notes section

Rationale:

The note created confusion among students. The interpretation was that it is fine to take upper year ROP courses to fulfill CHM Minor program. No ROP course are to be used for fulfilling CHM Minor requirements

Resource Implications:

Chemistry - Specialist (Science)

Completion Requirements:

13.0-13.5 credits are required.

First Year:

1.
CHM110H5 and CHM120H5
2.
(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5
3.
(PHY136H5 and PHY137H5) or (PHY146H5 and PHY147H5)
4.
For students entering the program in 2023-2024 (and beyond): ISP100H5

Second Year:

1.
CHM211H5 and CHM231H5 and CHM242H5 and CHM243H5
2.
JCP221H5
3.
MAT212H5 or MAT232H5

Third Year:

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

Fourth Year:

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

Description of Proposed Changes:

CHM485H5 is added as an option at 4th year level

Rationale:

CHM485H5 as an option was missing from the 4th year level in 2021-22 calendar. We had this option before 2021-22 calendar

Resource Implications:**Earth Science - Minor (Science)****Completion Requirements:**

4.0-4.5 credits are required.

First Year: ERS101H5 or ERS111H5 or ENV100Y5

Higher Years:

1. 1.5 credits from ERS201H5 or ERS202H5 or ERS203H5 or ERS211H5 or ERS225H5
2. 2.0 credits of Earth Science (ERS) from: ERS301H5 or ERS302H5 or ERS303H5 or ERS304H5 or ERS311H5 or ERS312H5 or ERS315H5 or **ERS325H5** or ERS381H5 or ERS401H5 or ERS402H5 or ERS403H5 or ERS404H5 or ERS411H5 or ERS412H5 or JGE378H5 or PHY351H5

Description of Proposed Changes:

Added ERS325H5 as one of the options to fulfil ERS minor program.

Rationale:

ERS325H5 was missing from the optional courses for ERS Minor program . Students can use ERS325H5 as an option.

Resource Implications:**Physics - Major (Science)****Enrolment Requirements:**

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

- ~~ISP100H5~~; and
- ONE of the following:
 - PHY146H5 (with a minimum grade of 60%) and PHY147H5 (with a minimum grade of 60%)
 - PHY136H5 (with a minimum grade of ~~80%~~ **90%**) and PHY137H5 (with a minimum grade of ~~80%~~ **90%**)
 - [ISP100H5](#)
 - ([MAT132H5](#) and [MAT134H5](#)) or ([MAT135H5](#) and [MAT136H5](#)) or [MAT134Y5](#) or [MAT135Y5](#) or [MAT137Y5](#) or [MAT157Y5](#)

Completion Requirements:

8.5 credits are required.

First Year:

1. (PHY146H5 and PHY147H5) or (PHY136H5 or PHY137H5)

2. (MAT135H5 and MAT136H5) or MAT135Y5 or MAT137Y5 or MAT157Y5
3. ISP100H5

Second Year:

1. PHY241H5 and PHY245H5
2. JCP221H5 and JCP265H5

Third & Fourth Years:

PHY324H5 and PHY325H5 and PHY343H5 and PHY347H5 and PHY451H5 and JCP321H5 and JCP322H5 and JCP421H5

NOTES:

~~1. Not all 300 and 400 level courses are offered every year. Please check the course timetable carefully each academic year.~~

1.

At least 60% mark in PHY146H5 ~~2. Check all prerequisites~~ and PHY147H5

2.

At least 80% in PHY136H5 and PHY137H5

~~corequisites when registering for 200+ level courses.~~

Rationale:

On reflection of trends observed in program enrolment since implementing grade thresholds for entry, we have come to the realization that these thresholds may have been set too aggressively. We therefore propose a reduction in these grade thresholds to bring them into accord with those used for other CPS programs of study (e.g. Chemistry Specialist, Biological Chemistry Specialist and Chemistry Major). Math requirements, with grade thresholds, and CGPA thresholds are also specified, which are also in line with other CPS programs and should serve to ensure student preparedness.

Resource Implications:**Physics - Minor (Science)****Enrolment Requirements:**

Limited Enrolment — Enrolment in this program is based on completion of 4.0 credits including ~~one of the following~~:

- (PHY146H5 (minimum grade of 60%) and PHY147H5 (minimum grade of 60%)) ; or (
- PHY136H5 (with a minimum grade of 80% ~~90%~~) and PHY137H5 (with a minimum grade of 80%) ~~90%~~)
- ([MAT132H5](#) and [MAT134H5](#)) or ([MAT135H5](#) and [MAT136H5](#)) or [MAT134Y5](#) or [MAT135Y5](#) or [MAT137Y5](#) or [MAT157Y5](#)

Completion Requirements:

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

First Year: (PHY146H5 and PHY147H5) or (PHY136H5 and PHY137H5)

Second Year: PHY241H5 and PHY245H5 and JCP265H5

Higher Years:

1.5 credits from: JCP321H5, JCP322H5, JCP421H5, PHY324H5, PHY325H5, PHY332H5, PHY333H5, PHY343H5, PHY347H5, PHY351H5, PHY426H5, PHY433H5, PHY451H5.

NOTES:

1.

At least 60% mark in PHY146 and PHY147

2.

At least 80% in PHY136 and PHY137

3.

~~+~~ Not all 300 and 400 level courses are offered every year. Please check the course timetable carefully each academic year.

~~2.~~

4.

Check all prerequisites and corequisites when registering for 200+ level courses.

Description of Proposed Changes:

Program Entry requirements are updated.

Rationale:

On reflection of trends observed in program enrolment since implementing grade thresholds for entry, we have come to the realization that these thresholds may have been set too aggressively. We therefore propose a reduction in these grade thresholds to bring them into accord with those used for other CPS programs of study (e.g. Chemistry Specialist, Biological Chemistry Specialist and Chemistry Major). Math requirements, with grade thresholds, and CGPA thresholds are also specified, which are also in line with other CPS programs and should serve to ensure student preparedness.

Resource Implications:

8 Course Modifications:

AST215H5: Astronomical Revolutions

New Course Code:

AST115H5

Title:

Previous: Astronomical Revolutions

New: Cultural Astronomy

Description:

Previous: An examination of the revolutions that have shaped astronomy from the time of Copernicus to the current day . Emphasis is placed on the process of discovery that has led to major advances in our knowledge about the Universe. The course includes an outline of the puzzles that have inspired the important shifts in our understanding of the Universe. These have been central to the development of astronomy, but also to physics and earth science, as well as philosophy, and the current discoveries of other solar systems is likely to have a major impact on the life sciences. This course is suited for both science and non-science students. [36L]

New:

This course will explore the historic and ongoing relationship between astronomy and human culture . In this course, students will approach astronomical concepts through the lens of archaeoastronomy – the exploration of astronomical practices in ancient cultures, and ethnoastronomy – the study of modern astronomical practices by cultures around the world. Topics will include cultural interpretations of the motions of the stars, planets, moon, and sun, methods of navigation and timekeeping, puzzles that have inspired important shifts in our understanding of the Universe, and varying cultural conceptions of what science is and how it is done . < / p>

Exclusions:

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

Rationale:

Renumbering - Rationale for Change: Astronomical Revolutions addresses astronomy topics from a social and historic perspective. As such, it does not significantly overlap with any other general interest astronomy courses. There is potential to include astronomy knowledges from diverse groups and cultures in the course content taught in this course. This content will be more accessible to a general audience at the first-year level, which will hopefully improve enrollment in the course, especially for students specializing in the humanities. This re-numbering is a formalization of a course change that has occurred over any years and simply serves to formally acknowledge the current state of the course (as a 100-level offering). No course content and course objectives are changing as a result of this re-numbering.

Course Description- Rationale for Change: This course will be redeveloped as a cultural astronomy course, focusing not only on advancements in Western astronomical thinking, but also drawing in astronomical practices and knowledges from cultures around the world. The new course description is less focused on Western/European astronomical revolutions, and emphasizes the contributions from other cultures.

Course Title - Rationale for Change – The new title better captures the intended content of the course, emphasizing the multi-cultural approach the course will take to studying historic and modern astronomical knowledge construction

Resources:

None

AST252H5: Cosmic Evolution

Title:

Previous: Cosmic Evolution

New: Life in the Universe

Rationale:

Rationale for Change – The new title more clearly defines the course’s focus on astrobiology – the evolution of life both on Earth and on other planets in and outside the Solar System. It is also consistent with the title of the equivalent course on the UTSG campus.

Resources:

AST320H5: Astrophysics III – Formation and Evolution of Astronomical Objects

Title:

Astrophysics III – ~~Unsolved Problems in Astrophysics~~ ~~Formation and Evolution of Astronomical Objects~~

Description:

This course explores the formation, equilibrium, and evolution of structure on ~~various all~~ astronomical scales ~~through, from the smallest to the investigation largest: stars, gas clouds, clusters~~ of major open questions in modern astrophysics. Topics may include exoplanet formation and evolution ~~stars, the Milky Way,~~ supermassive black holes ~~galaxies,~~ the progenitors ~~clusters~~ of type Ia supernovae, galaxy evolution ~~galaxies,~~ and the nature of dark matter ~~whole universe~~.

Mode of Delivery:

Previous:

New: In Class

Rationale:

Course Title - Rationale for Change – The new title better captures the intended content of the course, and better emphasizes the focus on exciting open questions and challenges in modern astrophysics.

Course Description: Rationale for Change – This course will focus primarily on major open questions in modern astrophysics, through which students will delve deeply into concepts of formation, equilibrium, and evolution on various astronomical scales. The previous course description lacks an emphasis on these open questions, which will form a backbone of the course content.

Resources:

JCP265H5: Introduction to Scientific Computing

Prerequisites:

(PHY146H5 or PHY136H5 (minimum grade of 80%)) and (PHY147H5 or PHY137H5 (minimum grade of 80%))and(MAT135H5 and MAT136H5) or (MAT135Y5 or MAT137Y5)

Rationale:

PHY136H5 & PHY137H5 are added as optional prerequisite courses

Resources:

PHY147H5: Principles of Physics II

Prerequisites:

PHY146H5 or PHY136H5(minimum grade of 80% ~~90%~~)

Rationale:

The percentage requirement of the prerequisite course (PHY136H5)is changed to align with the entry requirements.

Resources:

PHY241H5: Electromagnetism

Prerequisites:

[(PHY146H5 or PHY136H5 (minimum grade of 80%)) and (PHY147H5 or PHY137H5 (minimum grade of 80%))] and [(MAT135H5 and MAT136H5) or (MAT135Y5 or MAT137Y5)]

Rationale:

PHY136H5 & PHY137H5 are added as optional prerequisites courses.

Resources:

PHY242H5: Thermal Physics and Fluid Mechanics

Prerequisites:

[(PHY146H5 or PHY136H5 (minimum grade of 80%)) and (PHY147H5 or PHY137H5 (minimum grade of 80%))] and [(MAT135H5 and MAT136H5) or (MAT135Y5 or MAT137Y5)]

Rationale:

PHY136H5 & PHY137H5 are added as optional prerequisites courses.

Resources:

PHY245H5: Vibrations and Waves

Prerequisites:

[(PHY146H5 or PHY136H5 (minimum grade of 80%)) and (PHY147H5 or PHY137H5 (minimum grade of 80%))] and [(MAT135H5 and MAT136H5) or (MAT135Y5 or MAT137Y5)]

Rationale:

PHY136H5 & PHY137H5 are added as optional prerequisites courses.

Resources:

Forensic Science, Programs in

2 Minor Program Modifications:

Forensic Biology - Specialist (Science)

Completion Requirements:

A minimum of 16.0 credits are required.

First Year: BIO152H5, BIO153H5; CHM110H5, CHM120H5; FSC239Y5; (MAT132H5, MAT134H5)/(MAT135H5, MAT136H5)/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5; PHY136H5, PHY137H5

Second Year: BIO206H5, BIO207H5, **BIO259H5**, (BIO208H5, BIO209H5)/FSC316H5; CHM242H5, CHM243H5; FSC271H5 ; ~~STA215H5~~

Third and Fourth Years:

1. BIO362H5/~~CSC108H5/JCP265H5~~; CHM361H5; (FSC300H5, FSC302H5)/(FSC210H5, FSC303H5 ;), FSC315H5, FSC330H5, FSC335H5, FSC340H5, FSC360H5
2. BIO458H5/BIO372H5/BIO341H5; FSC415H5, FSC416H5, FSC481Y5/(FSC482H5, FSC483H5)
3. **0.5 additional credits from:** BIO341H5, BIO374H5, FSC307H5, FSC350H5, FSC370H5, FSC371H5, FSC401H5, FSC402H5, FSC406H5, FSC407H5

NOTES:

1. The program requirements in effect at the time the student is admitted to the program must be met in order to fulfill the degree requirements.
2. Prospective students already holding a degree in Biology, may not complete the Forensic Biology Specialist Program due to the overlap of course content already completed in their first specialty.
3. **Students without pre- and co-requisites or written permission of the instructor can be de-registered from courses at any time.**
4. Once a student has been admitted into a FSC program, written authorization from the Forensic Science program advisor **MUST** be obtained for any request of change in a student's area of study within the Forensic Science program.

Description of Proposed Changes:

STA215H5 replaced with new BIO259H5 course to mirror Biology dept's replacement.
CSC108 and JCP265 removed as alternative statistics options.

Rationale:

Students will be gaining specialist-specific statistics education

Consultation:

Consultation with the Forensic Science Curriculum Committee members and Director, May 7, 2021.

Resource Implications:

Forensic Science - Major (Science)

Completion Requirements:

Note : This program must be taken concurrently with a second Major program (see notes below).

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

First Year: BIO152H5, BIO153H5; CHM110H5, CHM120H5; FSC239Y5; (MAT132H5, MAT134H5)/(MAT135H5, MAT136H5)/MAT134Y5/MAT135Y5/MAT137Y5; PHY136H5, PHY137H5

Second Year: CHM242H5, CHM243H5; FSC271H5; **ANT407H5/STA215H5/STA220H5/PSY201H5**

Third Year: FSC303H5/FSC300H5; FSC330H5; FSC360H5;

Fourth Year: 0.5 credit from the following: FSC302H5, FSC307H5, FSC311H5, FSC314H5, FSC315H5, FSC316H5, FSC320H5, FSC335H5, FSC340H5, FSC350H5, FSC351H5, FSC361H5, FSC370H5, FSC401H5, FSC402H5, FSC403H5, FSC406H5, FSC407H5, FSC416H5, FSC430H5, FSC489H5

NOTES:

1.

The Forensic Science Major **MUST** be completed in conjunction with one of the following approved second major programs: **Anthropology (Science), Biology, Chemistry, Computer Science or Psychology** (Other 2nd Majors may be possible with permission of the Forensic Science program director).

2.

Students intending to complete the Forensic Science Major with an Anthropology Major **MUST** select the **ERMAJ0105 Anthropology (Science) Major** . As part of the ANT (SCI) Major requirement of 3.0 additional ANT credits, students are recommended to choose from the following: ANT205H5; ANT306H5, ANT334H5, ANT340H5, ANT415H5, ANT436H5, ANT439H5.

3.

For information on program requirements and enrolment procedures for each of the second major programs, students should consult the individual departmental faculty advisor or the departmental program descriptions listed within this calendar.

4.

In each of the 2nd majors, certain courses are compulsory and where a choice of courses is available, students should consult the Forensic Science Student Advisor for the most appropriate selection.

5.

The program requirements in effect at the time the student is admitted to the program must be met in order to fulfill the degree requirements.

6.

Once a student has been admitted into a FSC program stream, written authorization from the Forensic Science program advisor **MUST** be obtained for any request of change in a student's area of study within the Forensic Science program, **including the second science major** .

7.

Prospective students already holding a degree in Biology, Chemistry, Psychology or Anthropology may not complete a Forensic Science program in their first specialty due to the overlap of course content for courses already completed.

Description of Proposed Changes:

Discipline statistic alternatives added as an additional options for program completion.

Rationale:

Given that students enrolled in ERMAJ0205 may be completing this degree in conjunction with a variety or second majors, we have offered several discipline-complimentary statistic options to provide more relevant applications to compliment their second major of choice.

Impact:

Students now have more options.

Resource Implications:

1 New Course:

FSC485H5: Professional Opportunity in Forensic Science

Impact on Programs:

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

Contact Hours:

Description:

This course provides students with the opportunity to engage in, and reflect on, a professional forensic experience that contributes to their employment eligibility after graduation. They will develop networking skills, enhance professional competencies, and are given the opportunity to locate and select their own experience relevant to their career goals, which may include (but is not limited to) a possible: work-study position, conference workshop, professional certification, field school, paid or unpaid internship or agency co-op. All opportunities must be approved by the program director in the term prior to enrolment.

Prerequisites:

Completion of the forensic program statistics course(s) requirement and any third-level IDENT course and permission of instructor.

Corequisites:

FSC482H5

Exclusions:

FSC483H5 or FSC481Y5

Recommended Preparation:

Rationale:

As the Forensic Science Program expands, additional capstone experiences are required to accommodate enrolment growth, provide opportunities for a variety of learning styles and applications, and cater to employment eligibility for graduates. This course will contribute to program plans for future accreditation.

Students are not obliged to take this course, as it is one of several potential options for their capstone experience. Additionally, there is no obligation to choose an experience that costs any additional funds above and beyond their tuition. However, if they elect to choose an experience that has an additional cost, we will consider

Consultation:

Consultation with the Forensic Science Curriculum Committee members, faculty and Director, May 7, 2021.

Resources:

Instructor.

Likely need for a grading TA.

Resource Implications Form has been submitted

6 Course Modifications:

FSC335H5: Forensic Theory

Title:

Forensic Epistemology and Theory

Abbreviated Title:

FSC Epistemology and Forensic Theory

Rationale:

Change made to be more descriptive, reflecting that students will learn the study of "how we know" concepts in forensic science, not just aspects of theory. This is to increase clarity about the type of knowledge building applied in this course.

Resources:

FSC402H5: Forensic Toxicology

Description:

Forensic toxicology involves is the study application of the adverse effects of drugs, alcohol principles and poisons on biological systems methods used in a medicolegal context toxicology to matters related to the law. This course The fundamental foundation of forensic toxicology is pharmacology and analytical chemistry, thus lectures will include a focus on the review of pharmacokinetics, pharmacodynamics, analytical techniques and quality assurance measures used in forensic toxicology, the effects of drugs on human performance, and post-mortem toxicology of illicit drugs, pharmaceutical drugs, and other poisons. The major focus of this course will be the role that a forensic toxicologist plays in criminal and death investigations.

Rationale:

Course description updated to be more reflective of course content.

Consultation:

Consultation with the Forensic Science Curriculum Committee members and Director, May 7, 2021.

Resources:

FSC407H5: Forensic Identification Field School

Enrolment Limits:

Priority given first to Forensic Science Specialists and Majors Majors; then Minors. Limited Enrolment and Course Application required. Application Process see: [https:// www.utm.utoronto.ca/forensic/applications](https://www.utm.utoronto.ca/forensic/applications)

Rationale:

Minor eligibility removed from enrolment limits. Minors are required to take an alternative third level course (FSC303) that is an anti-requisite to the FSC407 prerequisite (FSC300/302)

Consultation:

Consultation with the Forensic Science Curriculum Committee members and Director, May 7, 2021.

Resources:

FSC481Y5: Internship in Forensic Science

Prerequisites:

Enrolment in a Forensic Science Specialist Program and completion of the forensic program statistics course(s) requirement listed within the student's Forensic Science Program (ie. STA215H5 and STA220H5 and STA221H5 and BIO360H5 and BIO361H5 and PSY201H5 and PSY202H5) and FSC300H5 and any third-level IDENT course, FSC302H5 and permission of instructor. (Restricted to Forensic Science Specialists)

Exclusions:

FSC482H5 or FSC483H5 or FSC485H5

Rationale:

Prerequisites simplified for student clarity.

Consultation:

Consultation with the Forensic Science Curriculum Committee members and Director, May 7, 2021.

Resources:

FSC482H5: Professional Practice in Forensic Science

Prerequisites:

Enrolment in a Forensic Science Specialist Program and completion of the forensic program statistics course(s) requirement listed within the student's Forensic Science Program (ie. STA215H5 and STA220H5 and STA221H5 and BIO360H5 and BIO361H5 and PSY201H5 and PSY202H5) and FSC300H5 and FSC302H5 and any third level IDENT course FSC340H5 and permission of instructor.

Corequisites:

FSC483H5 or FSC485H5

Rationale:

Prerequisites simplified for student clarity.

Resources:

FSC483H5: Collaborative Research Internship

Prerequisites:

Enrolment in a Forensic Science Specialist Program and completion of the forensic program statistics course(s) requirement listed within the student's Forensic Science Program (STA215H5 and STA220H5 and STA221H5 and BIO360H5 and BIO361H5 and PSY201H5 and PSY202H5) and FSC300H5 and any third-level IDENT course FSC302H5 and permission of instructor. (Restricted to Forensic Science Specialists)

Exclusions:

FSC481Y5 or FSC489Y5 or FSC485H5

Rationale:

Prerequisites simplifies for student clarity.

Consultation:

Consultation with the Forensic Science Curriculum Committee members and Director, May 7, 2021.

Resources:

2 Minor Program Modifications:

Geography - Major (Science)

Completion Requirements:

8.0 credits and 8 Field Days are required.

First Year: 2.0 credits:

•

GGR111H5 and GGR112H5

•

1.0 credit from BIO152H5 or BIO153H5 or CHM110H5 or CHM120H5 or ERS101H5 or ISP130H5 or MAT132H5 or MAT134H5 or MAT135H5 or MAT136H5 or MAT137Y5 or PHY100H5 or PHY136H5 or PHY137H5

Second Year: 2.5 credits:

•

GGR276H5

•

1.5 credits from GGR201H5 or GGR214H5 or GGR217H5 or GGR227H5

•

0.5 credit from GGR202H5 or GGR207H5 or GGR208H5 or GGR209H5 or GGR210H5 or GGR265H5

Third Year: 3.0 credits:

•

2.5 credits from GGR304H5 or GGR305H5 or GGR307H5 or GGR309H5 or GGR315H5 or GGR316H5 or GGR317H5 or GGR338H5 or GGR374H5 or GGR377H5 or GGR379H5 or GGR383H5 or GGR384H5 or JGE378H5

•

0.5 additional credit from the list above or from the following: GGR311H5 or ~~GGR312H5~~ or GGR321H5 or GGR322H5 or GGR335H5 or GGR337H5 or GGR372H5 or GGR375H5 or GGR376H5

Fourth Year: 0.5 credit :

•

0.5 credit from GGR404H5 or GGR406H5 or GGR407H5 or GGR417Y5 or GGR479H5 or GGR484H5 or JEG400Y5

Field Days: 8 days:

Eight days accumulated either through a geography field course and/or through geography courses with field day components as indicated in course descriptions.

ROP/Project courses: Maximum 2.0 credits:

Students may take no more than 2.0 credits combined in ROP, individual project courses, or thesis courses at the 300/400 level for credit toward a Geography Major program.

Description of Proposed Changes:

GGR312H5 was retired in 2018.

Rationale:

This course no longer exists.

Resource Implications:

Geography - Specialist (Science)

Completion Requirements:

12.0 credits and 8 Field Days are required.

First Year: 3.0 credits:

- GGR111H5 and GGR112H5
- 2.0 credits from BIO152H5 or BIO153H5 or CHM110H5 or CHM120H5 or ERS101H5 or ISP130H5 or MAT132H5 or MAT134H5 or MAT135H5 or MAT136H5 or MAT137Y5 or PHY100H5 or PHY136H5 or PHY137H5

Second Year: 3.0 credits:

- GGR276H5 and GGR278H5
- 1.5 credits from GGR201H5 or GGR214H5 or GGR217H5 or GGR227H5
- ~~0.5 credit from GGR272H5 or GGR278H5~~
- 0.5 credit from GGR202H5 or GGR207H5 or GGR208H5 or GGR209H5 or GGR210H5 or GGR265H5 or GGR288H5

Third Year: 4.5 credits:

- 3.5 credits from GGR304H5 or GGR305H5 or GGR307H5 or GGR309H5 or GGR315H5 or GGR316H5 or GGR317H5 or GGR338H5 or GGR374H5 or GGR377H5 or GGR379H5 or GGR383H5 or GGR384H5 or JGE378H5
- 1.0 credit from the list above or from the following: GGR311H5 or GGR312H5 or GGR321H5 or GGR322H5 or GGR335H5 or GGR337H5 or GGR372H5 or GGR375H5 or GGR376H5

Fourth Year: 1.5 credit:

- GGR417Y5 or JEG400Y5
- 0.5 credit from GGR404H5 or GGR406H5 or GGR407H5 or GGR479H5 or GGR484H5

Field Days: 8 days

Eight days accumulated either through a geography field course or through geography courses with field day components as indicated in course descriptions.

ROP/Project courses: Maximum 2.0 credits

Students may take no more than 2.0 credits combined in ROP, individual project courses, or thesis courses at the 300/400 level for credit toward a Geography Specialist program.

Description of Proposed Changes:

Removed GGR272H5 from list of options.

Rationale:

The course has been re-numbered GGR382H5

Resource Implications:

none

1 New Course:

GGR442H5: GIS Capstone Project

Contact Hours:

Lecture: 36

Description:

Students apply prerequisite knowledge and techniques to real-world GIS projects requested by external clients. Through background research, proposal, data management, and implementation, students develop GIS professional competencies, which will be demonstrated through collaboration, presentations and reports.

Prerequisites:

[12.0 credits and GGR276H5 and GGR278H5 and (1.0 credit from GGR321H5 or GGR335H5 or GGR337H5 or GGR376H5 or GGR382H5 or GGR463H5) and (1.0 credit from GGR311H5 or GGR370H5 or GGR372H5 or GGR384H5 or GGR437H5 or GGR440H5)] or permission of instructor.

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

This course will complement the existing technical courses and practical laboratory in the GIS program in accomplishing the goals identified by the Implementation of the Academic Plan at UTM.

The newly proposed course fills the gap to meet the objectives and complements existing courses. The course is designed to hone students' interpersonal and project management skills that prepare them as future leaders.

All students in the course will complete a project that solves the problems proposed by the partner organizations (such as City of Mississauga). The partners will provide industrial mentors and will be involved in the project initiation and providing feedback to the student projects. In the upcoming offering, the instructor is working with the environmental sector at the City of Mississauga on proposal project themes. Students will address the real-world problems raised by the partners. Students will form groups to propose and implement projects that fit in the theme. The course instructor is establishing a long-term relationship with City of Mississauga, and meanwhile exploring other industrial partners to ensure all students have such experience every time the course is offered. The tags in CIS will be Partnership-based Experience or Organization-partnered Experience.

Resources:

None

1 Course Modifications:

GGR382H5: Digital Mapping and Principles of Cartography

Exclusions:

GGR272H5; ~~GGR272H1~~

Recommended Preparation:

GGR276H5 and; STA256H5

Rationale:

GGR272H1 from St. George is not an equivalent to GGR382H5.

Resources:

none

2 Retired Courses:

GGR378H5: Natural Hazards: Risks and Vulnerability

Rationale:

GGR378H5 was replaced with JGE378H5 in 2014.

HHS200H5: Methodological Perspectives on the Biological and Social Determinants of Health

Rationale:

This course was supposed to be part of a collaborative program in health but we could not get all of the departments to agree/come on board.

3 New Courses:

IMI299H5: Research Opportunity Program

Contact Hours:

Description:

This course provides a rewarding opportunity for students in their second year to work in the research project of a professor in return for IMI299H5 course credit. Based on the nature of the project, projects may satisfy the Social Sciences or Sciences distribution requirement. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See [Experiential and International Opportunities](#) for more details.

Prerequisites:

Corequisites:

Exclusions:

Concurrent enrolment in IMI399H5 or IMI499H5.

Recommended Preparation:

Rationale:

The course enables students to become involved in original research supervised by a faculty member at an advanced level. Experience with working hands-on with different forms of data, learning research methods, and communicating discoveries are crucial for acquiring new knowledge and developing critical thinking skills necessary for future professionals.

Resources:

None. Additional funding opportunities may be available through the Dean's Office or from the Institute.

IMI399H5: Research Opportunity Program

Contact Hours:

Description:

This course provides a rewarding opportunity for students in their third or fourth year to undertake relatively advanced work in the research project of a professor in return for IMI399H5 course credit. Based on the nature of the project, projects may satisfy the Social Sciences or Sciences distribution requirement. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See [Experiential and International Opportunities](#) for more details.

Prerequisites:

8.0 credits and permission of instructor

Corequisites:

Exclusions:

Concurrent enrolment in IMI299H5 or IMI499H5

Recommended Preparation:

Rationale:

The course enables students to become involved in original research supervised by a faculty member at an advanced level. Experience with working hands-on with different forms of data, learning research methods, and communicating discoveries are crucial for acquiring new knowledge and developing critical thinking skills necessary for future professionals.

Resources:

None. Additional funding opportunities may be available through the Dean's Office or from the Institute.

IMI499H5: Research Opportunity Program

Contact Hours:

Description:

This course provides a rewarding opportunity for students in their fourth year to undertake relatively advanced work in the research project of a professor in return for IMI499H5 course credit. Based on the nature of the project, projects may satisfy the Social Sciences or Sciences distribution requirement. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See [Experiential and International Opportunities](#) for more details.

Prerequisites:

14.0 credits and permission of instructor

Corequisites:

Exclusions:

Concurrent enrolment in IMI299H5 or IMI399H5

Recommended Preparation:

Rationale:

The course enables students to become involved in original research supervised by a faculty member at an advanced level. Experience with working hands-on with different forms of data, learning research methods, and communicating discoveries are crucial for acquiring new knowledge and developing critical thinking skills necessary for future professionals.

Resources:

None. Additional funding opportunities may be available through the Dean's Office or from the Institute.

10 Minor Program Modifications:

Computer Science - Minor (Science)

Completion Requirements:

4.0 credits are required.

First Year: CSC108H5 and; CSC148H5 and ; MAT102H5

Second Year:

1. CSC207H5 and; CSC236H5

2. One ; one of (CSC209H5 or; CSC258H5 or; CSC263H5)

Third and Fourth Years: 1.0 credit Two half courses from any 300/400 level U of UTM T Mississauga CSC at the 300/400-level courses, except for CSC492H5 and CSC493H5.

NOTES:

1. Students in the CSC minor may only complete 1.5 credits of third and fourth year computer science courses. To enrol in additional upper year courses, a student must enter a CSC specialist or major program.
- 2.

Only CSC148H5 and MAT102H5, taken at the UTM campus, will be accepted.

Rationale:

The reason we accept only H5 versions of these courses is due to differences between our specific offerings and those at other campuses. These courses are crucial for PoST entry so we would like control over what our students do and learn in these courses.

Resource Implications:

Applied Statistics - Major (Science)

Enrolment Requirements:

Limited Enrolment — Enrolment in the Major program is limited to students with a minimum of 4.0 credits, including:

1. STA107H5 or STA256H5 or STA257H5 (with a minimum grade of 60%);
2. MAT134H5 or MAT136H5 or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or MAT233H5; and
3. A minimum cumulative grade point average, to be determined annually.
4. All students must complete 4.0 U of T credits before requesting this program. Courses with a grade of CR/NCR will not count as a part of the 4.0 credits required for program entry.

Completion Requirements:

7.0-7.5 credits are required.

First Year:

1.
CSC108H5
2.
MAT102H5
3.
(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5
4.
MAT223H5 or MAT240H5

Second Year:

1.
MAT232H5 or MAT233H5 or MAT257Y5
2.
STA256H5 and STA258H5 and STA260H5

Higher Years:

1.
STA302H5 and STA304H5 and STA305H5
2.
1.0 credit from any 300/400 level STA course ~~STA310H5 or STA312H5 or (STA313H5 or STA360H5) or STA314H5 or STA315H5 or STA348H5 or STA413H5 or STA431H5 or STA437H5 or STA441H5 or STA457H5~~ or CSC322H5 or (CSC311H5 or CSC411H5) or MAT302H5 or MAT311H5 or MAT332H5 or MAT334H5 or MAT344H5 or (MAT337H5 or MAT378H5)

NOTES:

1.
MAT133Y5 is included in the credit count only if the student also completes MAT233H5 (in which case MAT232H5 is not required).
2.
ECO220Y5 cannot be substituted for STA256H5 or STA258H5 and/or STA260H5.
3.
ECO227Y5 can be substituted for STA256H5 and STA258H5, but not for STA260H5.
4.
STA107H5 is highly recommended in first year, but it is not required.
5.
MAT337H5 or MAT378H5 is highly recommended for students intending to pursue graduate level studies in statistics.

Rationale:

1. STA257H5 has been renumbered to STA256H5 many years ago. We like to have STA257H5 removed.
2. CSC411H5 was renumbered to CSC311H5 last year. We like to include both courses in the requirement.
3. The used statement is more general, and it covers all statistics courses, including independent study courses.

Resource Implications:

Applied Statistics - Specialist (Science)

Enrolment Requirements:

Limited Enrolment — Enrolment in the Specialist program is limited to students with a minimum of 4.0 credits, including:

1. STA107H5 or STA256H5 or ~~STA257H5~~(with a minimum grade of 60%);
2. MAT137Y5 or MAT157Y5 or MAT134H5 (minimum 60%) or MAT136H5 or MAT134Y5 or MAT135Y5 or MAT233H5 (minimum 55%) ; and
3. A minimum cumulative grade point average, to be determined annually.
4. All students must complete 4.0 U of T credits before requesting this program. Courses with a grade of CR/NCR will not count as a part of the 4.0 credits required for program entry.

Completion Requirements:

12.0-12.5 credits are required.

First Year:

1. CSC108H5
2. MAT102H5
3. (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5
4. MAT223H5 or MAT240H5

Second Year:

1. MAT232H5 or MAT233H5 or MAT257Y5
2. ~~MAT212H5~~ or MAT244H5
3. STA256H5 and STA258H5 and STA260H5

Higher Years:

1. STA302H5 and STA304H5 and STA305H5 and STA348H5
2. 2.0 credits of STA at the 300/400 level STA course from ~~STA312H5 or (STA313H5 or STA360H5) or STA314H5 or STA315H5 or STA413H5 or STA431H5 or STA437H5 or STA441H5 or STA457H5~~
- 3.

2.0 credits from CSC322H5 or (CSC311H5 or CSC411H5) or MAT302H5 or MAT311H5 or MAT332H5 or MAT334H5 or MAT344H5 or (MAT337H5 or MAT378H5)

4.

1.0 credit of STA

NOTES:

1.

MAT133Y5 is included in the credit count only if the student also completes MAT233H5 (in which case MAT232H5 is not required).

2.

ECO220Y5 cannot be substituted for STA256H5 or STA258H5 or STA260H5.

3.

ECO227Y5 can be substituted for STA256H5 and STA258H5, but not for STA260H5.

4.

STA107H5 is highly recommended in first year, but it is not required.

5.

MAT337H5 or MAT378H5 is highly recommend for students intending to pursue graduate level studies in statistics.

Description of Proposed Changes:

Rationale:

1. STA257H5 has been renumbered to STA256H5 many years ago. We like to have STA257H5 removed.

2. CSC411H5 was renumbered to CSC311H5 last year. We like to include both courses in the requirement.

3. The used statement is more general, and it covers all statistics courses, including independent study courses.

4. Removing MAT212H5. It hasn't been taught in about 10 years

Resource Implications:

Bioinformatics - Specialist (Science)

Enrolment Requirements:

Limited Enrolment — Enrolment in this program is limited. Students who wish to enrol at the end of the first year (4.0 credits) must have passed all the courses listed for the first year, attained at least 60% in all 100-level computer science and mathematics courses, and have a minimum Cumulative Grade Point Average (CGPA) of 2.0.

NOTES :

1.

Only CSC148H5 and MAT102H5, taken at the UTM campus, will be accepted.

2.

Transfer students who have completed any postsecondary studies outside of UTM (including studies at other divisions at the University of Toronto) are not eligible to pursue a Specialist and/or Major in Computer Science at U of T Mississauga.

The Bioinformatics Specialist is a deregulated fees program and as such, tuition ~~Tuition~~ fees for students enrolled ~~enrolling~~ in this program are higher than for other regulated fee ~~Arts and Science~~ programs. Fees are charged on a program and not a per-course basis. See www.fees.utoronto.ca for more information on the fee structures .

Completion Requirements:

14.0 credits are required.

First Year:

1.
BIO152H5 and BIO153H5
2.
CHM110H5 and CHM120H5
3.
CSC108H5 and CSC148H5
4.
MAT102H5
5.
(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5

Second Year:

1.
BIO206H5 and BIO207H5
2.
CHM242H5
3.
CSC207H5 and CSC236H5 and CSC263H5
4.
MAT223H5 or MAT240H5

Third Year:

1.
~~MAT212H5~~ or MAT244H5
2.
MAT232H5 and MAT244H5
3.
~~(STA246H5 or STA256H5) and STA258H5~~

Fourth Year:

1.
BIO314H5 and BIO372H5 and BIO477H5
2.
CSC413H5 or CSC321H5 or CSC411H5 or CSC311H5
3.
CSC343H5 and CSC373H5
4.
MAT332H5
5.
At least 1.0 credit from the following list of recommended courses, of which at least 0.5 credit must be at the 400-level:
BIO315H5 or BIO341H5 or BIO370Y5 or BIO371H5 or BIO380H5 or BIO443H5 or BIO481Y5 or CBJ481Y5 or CHM361H5 or CSC310H5 or CSC338H5 or CSC363H5 or JCP410H5 or ~~(STA302H5 or STA331H5)~~ or STA348H5 or ~~STA442H5~~

NOTES:

1.

~~Students need to obtain permission from the course instructor to take BIO207H5 without the BIO153H5 prerequisite.~~

2.

If BIO477H5 is not offered in the fourth year of a student's studies, he or she must take an additional 0.5 credit from the recommended 400-level courses.

3.

Students intending to take CHM361H5 as one of their fourth year recommended courses must take CHM243H5 as a prerequisite course..

Rationale:

1.(NOTES #1) This has been part of our PoST entry requirements, and listed on our PoST information website, for the past few years. We would like to add it to the calendar as another information point for students. The reason we accept only H5 versions of these courses is due to differences between our specific offerings and those at other campuses. These courses are crucial for PoST entry so we would like control over what our students do and learn in these courses.

2. (NOTES#2) This is already part of our admissions process and is listed in admissions materials. We would like to add it to the calendar for those students who look at the calendar directly

3. MAT212H5 hasn't been taught for about 10 years. And there is no plan to offer it in the future.

4. Replace the deregulated fee paragraph with the same one in CS major and specialist programs.

5. Adding BIO153H5 since it's the pre-requisite for BIO207H5 now.

6. Removing STA258H5. It's not required by either CS or Biology major programs and is not a pre-requisite for any courses required by Bioinformatics.

7. STA331H5 was renumbered to STA302H5 over 5 years ago. STA442H5 is no longer exist.

Resource Implications:

Computer Science - Major (Science)

Enrolment Requirements:

Limited Enrolment — Enrolment in this program is limited to students with a minimum of 4.0 credits, including the following:

1.

CSC148H5(see minimum grade note below)

2.

MAT102H5 (see minimum grade note below)

3.

MAT134H5 or MAT136H5 or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or MAT233H5

4.

ISP100H5

5.

A cumulative grade point average (CGPA), determined annually. It is never lower than 2.5.

6.

All students must complete 4.0 U of T credits before requesting this program. Courses with a grade of CR/NCR will not count as a part of the 4.0 credits required for program entry.

NOTES NOTE:

1.

The minimum grade required in CSC148H5 and MAT102H5 is determined annually. It is never lower than 60%. Only CSC148H5 and MAT102H5, taken at the UTM campus, will be accepted.

2.

Transfer students who have completed any postsecondary studies outside of UTM (including studies at other divisions at the University of Toronto) are not eligible to pursue a Specialist and/or Major in Computer Science at U of T Mississauga.

The Computer Science Major is a deregulated fees program and as such, tuition fees for students enrolled in this program are higher than for other regulated fee programs. Fees are charged on a program and not a per-course basis. See www.fees.utoronto.ca for more information on the fee structures.

Completion Requirements:

7.5-8.0 credits are required.

First Year:

1.
CSC108H5 and CSC148H5 and ISP100H5
2.
MAT102H5
3.
(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or MAT233H5

Second Year:

1.
CSC207H5 and CSC236H5
2.
1.0 credit from the following CSC209H5 or CSC258H5 or CSC263H5
3.
MAT223H5 or MAT240H5
4.
STA246H5 or STA256H5

Higher Years:

1.
2.0 credits from the following: any 300/400 level CSC course (offered at UTM) or GGR335H5 or GGR337H5 or GGR437H5. At least 0.5 credit must come from 400-level courses, and no more than 0.5 credit of GGR courses may count to this requirement.

NOTE: In addition to the course requirements above, students must complete an integrative learning experience. This requirement may ~~be met by participating in the PEY (Professional Experience Year) program. It can also~~ be met by taking at least one of the following half-courses: CSC318H5 or CSC367H5 or CSC375H5 or CSC409H5 or CSC420H5 or CSC427H5 or CSC477H5 or CSC490H5.

Rationale:

This is already part of our admissions process and is listed in admissions materials. We would like to add it to the calendar for those students who look at the calendar directly.

Removing mention of PEY - program is being phased out at FAS.

Resource Implications:

Computer Science - Specialist (Science)

Enrolment Requirements:

Limited Enrolment — Enrolment in this program is limited to students with a minimum of 4.0 credits, including the following:

1. CSC148H5(see minimum grade note below)
2. MAT102H5 (see minimum grade note below)
3. MAT134H5 or MAT136H5 or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or MAT233H5
4. ISP100H5
5. A cumulative grade point average (CGPA), determined annually. It is never lower than 2.5.
6. All students must complete 4.0 U of T credits before requesting this program. Courses with a grade of CR/NCR will not count as a part of the 4.0 credits required for program entry.

NOTES NOTE:

1. The minimum grade required in CSC148H5 and MAT102H5 is determined annually. It is never lower than 65%. Only CSC148H5 and MAT102H5, taken at the UTM campus, will be accepted.
- 2.

Transfer students who have completed any postsecondary studies outside of UTM (including studies at other divisions at the University of Toronto) are not eligible to pursue a Specialist and/or Major in Computer Science at U of T Mississauga.

The Computer Science Specialist is a deregulated fees program and as such, tuition fees for students enrolled in this program are higher than for other regulated fee programs. Fees are charged on a program and not a per-course basis. See www.fees.utoronto.ca for more information on the fee structures.

Completion Requirements:

11.5-12.5 credits are required.

First Year:

1. CSC108H5 and CSC148H5 and ISP100H5
2. MAT102H5
3. (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or MAT233H5

Second Year:

1. CSC207H5 and CSC209H5 and CSC236H5 and CSC258H5 and CSC263H5
2. MAT223H5 or MAT240H5
3. MAT232H5 or MAT257Y5
4. STA246H5 or STA256H5

Higher Years:

1. CSC343H5 and CSC363H5 and CSC369H5 and CSC373H5
2. CSC358H5 or CSC458H5
3. 2.5 credits from the following: any 300/400 level CSC course (offered at UTM) or GGR335H5 or GGR337H5 or GGR437H5. At least 1.0 credit must come from 400-level courses, and no more than 1.0 credit of GGR courses may count to this requirement.

NOTE: In addition to the course requirements above, students must complete an integrative learning experience. This requirement may be met by taking at least one of the following half-courses: CSC318H5 or CSC367H5 or CSC375H5 or CSC409H5 or CSC420H5 or CSC427H5 or CSC477H5 or CSC490H5.

Rationale:

1. Adding a note: This is already part of our admissions process and is listed in admissions materials. We would like to add it to the calendar for those students who look at the calendar directly.
2. Removing a note: Tidy up.
3. Removing mention of PEY - program is being phased out at FAS.

Resource Implications:

Information Security - Specialist (Science)

Enrolment Requirements:

Limited Enrolment — Enrolment in this program is limited to students with a minimum of 4.0 credits, including the following:

1. CSC148H5(see minimum grade note below);
2. MAT102H5 (see minimum grade note below) ;
3. MAT134H5 or MAT136H5 or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or MAT233H5;
4. ISP100H5; and
5. A cumulative grade point average (CGPA), determined annually. It is never lower than 2.5.
- 6.

All students must complete 4.0 U of T credits before requesting this program. Courses with a grade of CR/NCR will not count as a part of the 4.0 credits required for program entry.

NOTES NOTE:

1. The minimum grade required in CSC148H5 and MAT102H5 is determined annually. It is never lower than 65%. Only CSC148H5 and MAT102H5, taken at the UTM campus, will be accepted.
- 2.

Transfer students who have completed any postsecondary studies outside of UTM (including studies at other divisions at the University of Toronto) are not eligible to pursue a Specialist and/or Major in Computer Science at U of T Mississauga.

The Information Security Specialist is a deregulated fees program and as such, tuition fees for students enrolled in this program are higher than for other regulated fee programs. Fees are charged on a program and not a per course basis. See www.fees.utoronto.ca for more information on the fee structures.

Completion Requirements:

12.5-13.0 credits are required.

First Year:

1. CSC108H5 and CSC148H5 and ISP100H5
2. MAT102H5
3. (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5
4. MAT223H5 or MAT240H5

Second Year:

1. CSC207H5 and CSC209H5 and CSC236H5 and CSC258H5 and CSC263H5
2. MAT224H5 or MAT240H5
3. MAT232H5 or MAT257Y
4. STA246H5 or STA256H5

Third Year:

1. CSC343H5 and CSC347H5 and CSC363H5 and CSC369H5 and CSC373H5
- 2.

Fourth Year:

1.
CSC358H5 or CSC458H5
2.
1.0 credit from the following: CSC422H5 or CSC423H5 or CSC427H5 or CSC490H5

NOTES: In addition to the course requirements above, students must complete an integrative learning experience. This requirement may **be met by participating in the PEY (Professional Experience Year) program. It can also** be met by taking at least one of the following half-courses: CSC318H5 or CSC367H5 or CSC375H5 or CSC409H5 or CSC420H5 or CSC427H5 or CSC477H5 or CSC490H5.

Rationale:

This is already part of our admissions process and is listed in admissions materials. We would like to add it to the calendar for those students who look at the calendar directly.

Resource Implications:

Mathematical Sciences - Major (Science)

Completion Requirements:

8.0 ~~7.5~~ credits are required.

First Year:

1.
MAT102H5
2.
(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5
3.
MAT223H5 or MAT240H5

Second Year:

1.
MAT202H5 and MAT244H5
2.
[(MAT232H5 or MAT233H5) and MAT236H5] or MAT257Y5
3.
MAT224H5 or MAT247H5

Higher Years:

1.
MAT301H5 and (MAT334H5 or MAT354H5)
2.
MAT337H5 or MAT378H5 or MAT392H5 or MAT405H5
- 3.

MAT305H5 ~~MAT236H5~~ or MAT311H5 or MAT332H5 or ~~MAT257Y5~~

4.

MAT302H5 or MAT315H5 or MAT344H5

5.

STA256H5 or 0.5 credit of MAT at the 300/400 level, **except MAT322H5**

6.

0.5 additional credits in MAT at the 400 level

NOTES:

1.

MAT137Y5 is highly recommended.

2.

Mathematical Majors are strongly encouraged to enroll in MAT240H5 followed by MAT247H5.

3.

Students enrolled in this program may participate in the PEY program. For more information visit www.pey.utoronto.ca

Rationale:

o MAT305 was recently added to the calendar, and should be an option for Majors.

o Aligning our Major program with UTSC and UTSG, we would like to require both a third and a fourth course in Calculus for Majors, i.e. MAT232/233 AND MAT236.

o MAT322H5 cannot be taken, except by Math Minors, but theoretically a student in the minor could take the course and then join the Major program; so we are excluding it from the 0.5 credits at 300+ level, as this would evade our intentions for the course.

Resource Implications:

Mathematical Sciences - Minor (Science)

Completion Requirements:

4.0 credits in MAT are required, including 1.0 credit of MAT at the 300/400 level.

First Year:

1.

MAT102H5

2.

(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5

Second Year:

1.

MAT223H5 or MAT240H5

2.

[**MAT232H5** and (MAT202H5 or MAT224H5 or ~~MAT236H5~~ ~~MAT232H5~~ or MAT240H5 or MAT244H5 or MAT247H5 or CSC236H5) and 0.5 MAT credit at the 200+ level] or MAT257Y5

Higher Years:

1.

1.0 credit of MAT at the 300+ level

NOTES:

1.

MAT223H5 may be taken in the first year-

2.

Students who have the required prerequisites may take CSC236H5. CSC236H5 may fulfill 0.5 credit of MAT at the 200+level.

3.

Students may replace the combination [(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5] and MAT232H5 with the combination (MAT133Y5 and MAT233H5)

Rationale:

o "0.5 credit of credit in MAT at the 200+ level allows, theoretically, for some strange combinations which avoid MAT232.

We think that a third course in Calculus, i.e. MAT232, should be required for Minors.

o Getting rid of "0.5 @ 200+" requires replacing it with the explicit courses that can be used here; in this case, MAT202, and 236 (so effectively the second point in "Second Year" remains the same, except that MAT232 is now required.

o Note 2 regarding CSC236 can be worked into the Second Year requirements rather than being a note now.

Resource Implications:

Mathematical Sciences - Specialist (Science)

Completion Requirements:

13.5 credits are required.

First Year:

1.

CSC108H5 and CSC148H5

2.

MAT102H5 and MAT240H5

3.

MAT137Y5 or MAT157Y5

Second Year:

1.

CSC236H5

2.

MAT202H5 and MAT244H5 and MAT247H5 and MAT257Y5

3.

STA256H5 and (STA258H5 or STA260H5)

Higher Years:

1.

MAT301H5 and (MAT334H5 or MAT354H5) and MAT392H5

2. MAT302H5 or MAT315H5
3. 2.0 additional credit from MAT302H5 or MAT309H5 or MAT311H5 or MAT315H5 or MAT332H5 or (MAT337H5 or MAT378H5) or MAT344H5
4. 1.0 additional credits in MAT at the 400 level (MAT401H5 is recommended)
5. 1.0 additional credits at the 300/400 level in CSC or MAT/STA, **except MAT322H5**
6. **0.5 additional credits in MAT at the 300+level, except MAT322H5**

NOTES :

1. Mathematical Specialists are strongly encouraged to enroll in MAT157Y5 and MAT257Y5, and MAT354H5.
2. Students may replace MAT257Y5 with [(MAT232H5 or MAT233H5) and MAT236H5), but if they do then MAT337H5 AND MAT405H5 are required as part of “Higher ~~Third & Fourth~~ Years”.
3. Students who do not feel ready for MAT257Y5 in their Second Year, may wish to take MAT232H5 that year, and then take MAT257Y5 in their Third Year.
4. Students enrolled in this program may participate in the PEY program. For more information visit www.pey.utoronto.ca

Description of Proposed Changes:

Rationale:

- o MAT322H5 cannot be taken, except by Math Minors, but theoretically a student in the minor could take the course and then join the Major program; so we are excluding it from the 0.5 credits at 300+ level, as this would evade our intentions for the course.
- o There was a small typo in “Note #2”.

Resource Implications:

2 New Courses:

CSC478H5: Robotic Perception

Contact Hours:

Lecture: 24 / Practical: 12

Description:

This course focuses on perception algorithms for robotics applications and sensors. The aim is to provide an understanding of the challenges encountered when deploying perception algorithms on a robot and introduce some of the tools and algorithms typically used to address these challenges. The algorithms will also be implemented and evaluated using real-world data from common use-cases.

Prerequisites:

CSC373H5 and (CSC311H5 or CSC321H5) and CSC376H5

Corequisites:

Exclusions:

CSC498H5 (Winter 2022)

Recommended Preparation:

CSC338H5

Rationale:

We recently hired professor Igor Gilitschenski, and this course (Robotic Perception) will be taught by him going forward. He has taught this course once as a Special Topics course code and we are now seeking to move it to its own dedicated course. We have recently been working on scaling up our robotics course offerings, and this course helps us toward that goal.

Consultation:

We have recently been working on scaling up our robotics course offerings, and this course helps us toward that goal.

Resources:

STA380H5: Computational Statistics

Contact Hours:

Lecture: 36 / Tutorial: 12

Description:

Computational methods play a central role in modern statistics and machine learning. This course aims to give an overview of some of the computational techniques that are useful in statistics. Topics include methods of generating random variables, Monte Carlo integration and variance reduction, Monte Carlo methods in inference, bootstrap and jackknife, resampling application, permutation tests, probability density estimation, and optimization.

Prerequisites:

STA260H5

Corequisites:

Exclusions:

STA410H1 or STA312H5 (Winter 2020 and Winter 2022) or STA410H1

Recommended Preparation:

Rationale:

- (1) After the decision of removing STA310H5 from the list of statistics courses, adding a 3rd year course becomes necessary.
- (2) The ability to design and carry out statistical computations is an essential skill for students. In fact, many problems arising in statistics rely on computer experiments and simulation. Thus, this course will help our students to understand courses better.

Consultation:

The proposal has been approved on Sept. 28th, 2021 by MCS Curriculum Committee.

Resources:

46 Course Modifications:

CSC108H5: Introduction to Computer Programming

Exclusions:

CSC108H1 or CSC120H1 ~~or CSC148H5 or CSC148H1 or CSC150H1~~ or CSCA08H3 or CSCA20H3

Rationale:

These are all equivalent courses or courses that should not be taken before CSC108H5. CSC150H1 doesn't exist any more.

Resources:

CSC148H5: Introduction to Computer Science

Exclusions:

CSC148H1 ~~or CSC150H1~~ or CSCA48H3 or CSC111H1

Rationale:

CSC150H1 doesn't not exist any more. New CSC111H1 is similar to CSC148H5.

Resources:

CSC207H5: Software Design

Prerequisites:

60% in CSC148H5 (Only CSC148H5 taken at the UTM campus will be accepted.)

Rationale:

This is just to further clarify a point to reduce/eliminate any remaining student confusion.

Resources:

CSC258H5: Computer Organization

Description:

An introduction to computer organization and architecture, using a common CPU architecture (~~typically MIPS~~). Core topics: ~~data boolean expressions and logic gates, numerical~~ representations, ~~design and analysis of combinational~~ and ~~computer arithmetic sequential circuits,~~ processor organization ~~the control unit and datapath~~, the memory hierarchy and caching, instruction set and addressing modes ~~architectures~~, and quantitative performance evaluation of computing systems ~~assembly programming~~. Students will ~~design circuits and~~ program in ~~using~~ assembly and will evaluate simulated processor architectures. [24L, 24P]

Prerequisites:

CSC148H5 ~~and~~ MAT102H5

Note:**Previous:**

New: Students wishing to complete CSC385H1 (Microprocessor Systems) should consider enrolling in CSC258H1 and/or to self-study the use of hardware design languages to create digital logic.

Rationale:

The current formulation of CSC258H5 (Computer Organization) allocates almost half of the semester on gate- and device-level digital design, leading up to students using schematic-based design tools to build a simple processor. While some digital logic design experience is valuable, particularly in giving students active experience working with computation at a different level, the topic is not covered in sufficient depth or with appropriate tools to allow them to engage in further digital logic design work. We believe that the time spent on digital logic design might be better spent on topics that are better connected to existing upper-year courses at UTM. This proposal targets additions that support several systems courses: CSC367 (parallel programming), CSC358 (principles of computer networks), CSC369 (operating systems), and CSC488 (compilers and interpreters).

Resources:

CSC384H5: Introduction to Artificial Intelligence

Description:

Theories and algorithms that capture (or approximate) some of ~~A broad introduction to~~ the core elements ~~sub-disciplines~~ of computational intelligence ~~AI~~. Topics include ~~Core topics:~~ search ~~methods~~, logical representations ~~game playing~~ and ~~rule-based systems~~. ~~Overview of: natural language understanding, knowledge representation,~~ reasoning, classical automated planning, ~~vision~~, representing and reasoning with uncertainty ~~robotics~~, learning, decision making (planning) under uncertainty ~~and neural networks~~. Assignments provide practical experience, in both theory and programming, of the core topics.

Prerequisites:

CSC263H5 ~~CSC324H5~~ and (STA246H5 or STA256H5)

Exclusions:

CSC384H1 ~~or CSC484H1~~ or CSCD84H3

Rationale:

1. CSC384 used to rely on logic programming material from CSC324. But CSC324 no longer teaches this material, and CSC384 doesn't need this material as the course has shifted to more classic AI (given that our other, new AI courses like CSC413 and CSC420 cover specialized topics). CSC263 covers introductory search algorithms that are expanded upon in CSC384.
2. Change course description to follow the description from A&S. Rationale: our course description is out of date and refers to topics such as robotics and neural networks that now have their own dedicated courses.
3. Equivalent AI courses at other campuses. CSC484H1 is no longer exist.

Resources:

CSC413H5: Neural Networks and Deep Learning

Exclusions:

CSC321H5 ~~or CSC321H1~~ ~~or CSC413H1~~ ~~or CSC421H1~~

Rationale:

Adding other machine learning courses that overlap this course.

Resources:

CSC415H5: Introduction to Reinforcement Learning

Exclusions:

CSC498H5 (Winter 2021 and Fall 2021)

Rationale:

CSC415H5 was taught as CSC498H5 in 2021 Fall again.

Resources:

CSC420H5: Introduction to Image Understanding

Exclusions:

Previous:

New: CSC420H1

Rationale:

Adding same course at StG as exclusion.

Resources:

CSC493H5: Computer Science Expository Work

Exclusions:

Previous: CSC494H1 or CSC495H1 or CSCD94H3 or CSCD95H3

New:

Rationale:

The exclusion courses listed are all Independent Study/ capstone courses. They are not exclusive to each other.

Per the guidelines given to us, each time these courses are offered, all students (typically a very small number, like 1 or 2 students) who take these courses will work (solely) with their instructor to determine a reading list, research-related goals, and methodologies and plans for reaching those goals, etc. While there is wide latitude for what instructors and students can agree to, and while the projects/goals agreed to can vary widely across disciplines, it is always focused on researching some topic or area not covered in our typical courses.

Resources:

No.

MAT223H5: Linear Algebra I

Exclusions:

MAT223H1 or MATA22H3 ~~MAT188H1~~ or MATA23H3 or MAT240H1 or MAT240H5

Rationale:

MAT188H1 does not exist any more. MATA22H3 is equivalent to MAT223H5.

Resources:

MAT244H5: Differential Equations I

Exclusions:

MAT322H5 ~~MAT212H5~~ or MAT244H1 or MAT267H1 ~~MATB44H3~~ or MATB44H3 ~~MAT322H5~~

Rationale:

MAT212H5 hasn't been taught in about 10 years.

MAT267H1 added as exclusion since it's equivalent to MAT244H5.

Resources:

MAT301H5: Groups and Symmetries

Exclusions:

MAT301H1 or MAT347Y1 or MATC01H3

Rationale:

MAT347Y1 added as exclusion since we accept MAT347Y1 to replace MAT301H5.

Resources:

MAT302H5: Introduction to Algebraic Cryptography

Exclusions:

CSC322H5 or MATD16H3 ~~MATC16H3~~

Rationale:

Replace MATC16H3 with MATD16H3. MATC16H3 does not exist any more.

Resources:

MAT305H5: Elementary Lie Theory

Prerequisites:

[(MAT224H5 or MAT240H5)and MAT236H5 ~~MAT232H5~~]or MAT257Y5

Rationale:

- o Brings us in line with UTSC and UTSG Math Major programs which require two half-courses in 2nd-Year Calculus (UTSC requires MATB41H3 and MATB42H3; UTSG requires one of MAT235Y1, MAT237Y1 or MAT257Y1.)
- o Students going into various upper-year courses (see list below) would have a more sophisticated Calculus background. In many instances, just 232/233 is not enough background and holds back what instructors in these upper year courses can expect from students.
- o Currently MAT236 is underused in the curriculum - it is not a prerequisite for any courses.
- o We have chosen courses to add MAT236 as a prerequisite where we believe students would benefit the most from the additional preparation in Calculus or just in mathematical maturity.

Resources:

MAT307H5: Curves and Surfaces

Exclusions:

Previous:

New: MAT363H1 or MAT367H1 or MATC63H3 or MATD26H3 or MATD67H3

Rationale:

These courses are equivalent to MAT307H5.

Resources:

MAT309H5: Introduction to Mathematical Logic

Prerequisites:

MAT257Y5 or [MAT236H5 (~~MAT134H5 or MAT136H5 or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5~~) and (MAT202H5 or MAT224H5 or MAT240H5) and at least 0.5 MAT credit at 300+ level]

Exclusions:

CSC438H1 or MAT309H1 or MAT409H1 or MAT357Y1 ~~CSC463H1~~ or MATC09H3

Rationale:

This course requires mathematical maturity and a broad MAT background; this is already indicated with 0.5 at MAT300+ and MAT202/224/240, but students should also have completed more calculus again as a signal towards maturity and broad MAT background.

MAT309H1 and MAT409H1 and MAT357Y1 are added as exclusions since we accept them to replace MAT309H5. CSC463H1 is different enough to be removed.

Resources:

MAT311H5: Partial Differential Equations

Prerequisites:

MAT257Y5 or [~~MAT102H5 and~~(MAT236H5 ~~MAT232H5 or MAT233H5~~) and (~~MAT212H5 or MAT244H5~~)]

Exclusions:

APM346H1 or APM351Y1 or MAT351Y1 or MATC46H3

Rationale:

0 MAT212H5 hasn't been offered for about 10 years.

o Brings us in line with UTSC and UTSG Math Major programs which require two half-courses in 2nd-Year Calculus (UTSC requires MATB41H3 and MATB42H3; UTSG requires one of MAT235Y1, MAT237Y1 or MAT257Y1.)

o Students going into various upper-year courses (see list below) would have a more sophisticated Calculus background. In many instances, just 232/233 is not enough background and holds back what instructors in these upper year courses can expect from students.

o Currently MAT236 is underused in the curriculum - it is not a prerequisite for any courses.

o We have chosen courses to add MAT236 as a prerequisite where we believe students would benefit the most from the additional preparation in Calculus or just in mathematical maturity.

0 MAT351Y1 added as exclusion since we accept MAT351Y1 to replace MAT311H5.

Resources:

MAT332H5: Introduction to Nonlinear Dynamics and Chaos

Prerequisites:

(~~MAT232H5 or MAT233H5 or~~ MAT257Y5 or [MAT236H5] and (MAT223H5 or MAT240H5) and (~~MAT212H5 or MAT244H5~~))

Rationale:

o Re MAT257: This has been done with many other courses in our curriculum, as MAT257 is adequate preparation for essentially any of our non-algebra courses.

o MAT212H5 has been offered for about 10 years

Replace MAT232H5/233H5 with MAT236H5:

o Brings us in line with UTSC and UTSG Math Major programs which require two half-courses in 2nd-Year Calculus (UTSC requires MATB41H3 and MATB42H3; UTSG requires one of MAT235Y1, MAT237Y1 or MAT257Y1.)

- o Students going into various upper-year courses (see list below) would have a more sophisticated Calculus background. In many instances, just 232/233 is not enough background and holds back what instructors in these upper year courses can expect from students.
- o Currently MAT236 is underused in the curriculum - it is not a prerequisite for any courses.
- o We have chosen courses to add MAT236 as a prerequisite where we believe students would benefit the most from the additional preparation in Calculus or just in mathematical maturity.

Resources:

MAT334H5: Complex Variables

Prerequisites:

MAT257Y5 or [(MAT232H5 or MAT233H5) and (MAT202H5 or MAT240H5 or at least 0.5 credit of MAT at the 300+ level with a mark of at least 60% MAT337H5)]

Rationale:

To offer more flexibility to students who want to take this course, and to make a more fair prerequisite. The MAT202/240/337 prerequisite was added to make sure students who took the course were sufficiently prepared in a general 'mathematical maturity' sense to take this course. However, this narrows the number of students who can take this course significantly. Students with at least one upper-year MAT course with a good mark will on average be sufficiently prepared compared with students who have MAT202 or the specific upper-year course MAT337H5. This type of prerequisite (or similar) is used elsewhere already in our course prerequisites, e.g. MAT405H5.

Resources:

MAT337H5: Introduction to Real Analysis

Prerequisites:

MAT257Y5 or [(MAT224H5 or MAT240H5) and MAT236H5 (MAT212H5 or MAT244H5) and MAT244H5] (MAT232H5 or MAT233H5 or MAT257Y5)

Exclusions:

MAT378H5 or MAT337H1 or MAT357H1 or MATB43H3 or MATC37H3 or MAT378H5

Rationale:

Related to MAT257Y5, MAT236H5, MAT212H5 changes.

Resources:

MAT354H5: Complex Analysis

Exclusions:

MAT334H1 or MAT334H5 or MAT354H1 or MATC34H3 or MATD34H3

Rationale:

MATD34H3 is equivalent to MAT354H5.

Resources:

MAT401H5: Polynomial Equations and Fields

Prerequisites:

~~MAT102H5~~ and (MAT224H5 or MAT240H5) and (MAT236H5 ~~MAT232H5~~ or ~~MAT233H5~~ or MAT257Y5) and ~~MAT301H5~~
~~MAT301H5~~.

Rationale:

- o Brings us in line with UTSC and UTSG Math Major programs which require two half-courses in 2nd-Year Calculus (UTSC requires MATB41H3 and MATB42H3; UTSG requires one of MAT235Y1, MAT237Y1 or MAT257Y1.)
- o Students going into various upper-year courses (see list below) would have a more sophisticated Calculus background. In many instances, just 232/233 is not enough background and holds back what instructors in these upper year courses can expect from students.
- o Currently MAT236 is underused in the curriculum - it is not a prerequisite for any courses.
- o We have chosen courses to add MAT236 as a prerequisite where we believe students would benefit the most from the additional preparation in Calculus or just in mathematical maturity.

Resources:

MAT405H5: Introduction to Topology

Prerequisites:

MAT257Y5 or [~~MAT102H5~~ and (MAT224H5 or MAT240H5) and ~~MAT236H5~~ (~~MAT232H5~~ or ~~MAT233H5~~)] and at least 0.5 credit of ~~one~~ MAT ~~half-course~~ at the 300+ level with a mark of at least 65%]

Rationale:

- o Brings us in line with UTSC and UTSG Math Major programs which require two half-courses in 2nd-Year Calculus (UTSC requires MATB41H3 and MATB42H3; UTSG requires one of MAT235Y1, MAT237Y1 or MAT257Y1.)
- o Students going into various upper-year courses (see list below) would have a more sophisticated Calculus background. In many instances, just 232/233 is not enough background and holds back what instructors in these upper year courses can expect from students.
- o Currently MAT236 is underused in the curriculum - it is not a prerequisite for any courses.
- o We have chosen courses to add MAT236 as a prerequisite where we believe students would benefit the most from the additional preparation in Calculus or just in mathematical maturity.

Resources:

MAT406H5: Mathematical Introduction to Game Theory

Exclusions:

ECO316H1 or MATD50H3

Rationale:

MATD50H3 is equivalent to MAT406H5.

Resources:

MAT492H5: Senior Thesis

Prerequisites:

~~MAT392H5~~ and ~~MAT392H5~~; 2.0 additional credits in MAT at the 300 level and a minimum CGPA of 2.5 ~~2.5~~.

Rationale:

Per the guidelines given to us, each time these courses are offered, all students (typically a very small number, like 1 or 2 students) who take these courses will work (solely) with their instructor to determine a reading list, research-related goals, and methodologies and plans for reaching those goals, etc. While there is wide latitude for what instructors and students can agree to, and while the projects/goals agreed to can vary widely across disciplines, it is always focused on researching some topic or area not covered in our typical courses.

Resources:

STA107H5: An Introduction to Probability and Modelling

Exclusions:

STA256H5 or STA257H1 or STAB52H3 or STA246H5 or STA237H1 or STA247H1 ~~STA257H5~~ or ECO227Y5

Rationale:

To address equivalent/new courses across the three campuses.

Resources:

STA215H5: Introduction to Applied Statistics

Exclusions:

STA218H5 or STA220H5 or STA220H1 or STA256H5 or STA257H1 or STAB52H3 ~~STA257H5~~ or STAB22H3 or STA246H5 or STA237H1 or STA247H1 or ECO220Y5 or ECO227Y5 or PSY201H5 or PSYB07H3 or SOC350H5

Rationale:

To address equivalent/new courses across the three campuses.

Resources:

STA218H5: Statistics for Management

Exclusions:

STA215H5 or STA220H5 or STA220H1 or STA256H5 or STA257H1 or STAB52H3 ~~STA257H5~~ or STAB22H3 or STA246H5 or STA237H1 or STA247H1 or ECO220Y5 or ECO227Y5 or PSY201H5 or PSYB07H3 or SOC350H5

Rationale:

To address equivalent/new courses across the three campuses.

Resources:

STA220H5: The Practice of Statistics I

Exclusions:

STA215H5 or STA218H5 or STA256H5 or STA257H1 or STAB52H3 ~~STA257H5~~ or STA220H1 or STAB22H3 or ~~ECO220Y5~~ or ~~ECO227Y5~~ or STA246H5 ~~PSY201H5~~ or STA237H1 ~~PSYB07H3~~ or STA247H1 ~~SOC350H5~~

Rationale:

To address equivalent/new courses across the three campuses.

Resources:

STA221H5: The Practice of Statistics II

Exclusions:

STA221H1 or ~~STA256H5~~ or ~~STA257H5~~ or ~~STA257H1~~ or STA258H5 or STA248H1 or STAB27H3 or STA302H5 or STA302H1 or STAC67H3 or BIO360H5 or ECO220Y5 or ECO227Y5 or PSY202H5 or PSYB08H3

Rationale:

- 1.To addressed equivalent/new courses across the three campuses.
- 2.To have consistency across campuses.

Resources:

STA256H5: Probability and Statistics I

Description:

~~(Formerly STA257H5)~~ This course covers probability including its role in statistical modeling. Topics include probability distributions, expectation, continuous and discrete random variables and vectors, distribution functions. Basic limiting results and the normal distribution presented with a view to their applications in statistics.

Exclusions:

STA246H5 or ~~STA257H5~~ or STA257H1 or ECO227Y5 or STAB52H3

Rationale:

STA257H5 has been renumbered to STA256H5 for many years. We like to have STA257H5 removed.

Resources:

STA258H5: Statistics with Applied Probability

Prerequisites:

STA256H5 or ~~STA257H5~~

Rationale:

Tidy up. STA257H5 has been renumbered as STA256H5.

Resources:

STA260H5: Probability and Statistics II

Description:

~~(Formerly STA261H5)~~ A sequel to STA256H5 giving an introduction to current statistical theory and methodology. Topics include:estimation, testing, and confidence intervals; unbiasedness, sufficiency, likelihood; simple ~~linear and generalized~~ linear models.

Prerequisites:

STA256H5 or ~~STA257H5~~ or ECO227Y5

Exclusions:

STAB57H3 or STA261H5 or STA261H1 or STAC58H3 or STA238H1

Rationale:

- 1.Tidy up. STA261H5 has been renumbered as STA260H5 for many years.
2. No instructor ever covers this topic.

3. Tidy up. STA257H5 has been renumbered as STA256H5.
4. Add STA238H1 to exclusion: To address equivalent/new courses across the three campuses.

Resources:

STA302H5: Regression Analysis

Prerequisites:

(~~STA260H5~~ or ~~STA261H1~~) and (MAT223H5 or MAT240H5)

Rationale:

Tidy up. STA261H5 has been renumbered as STA260H5 for more than 5 years.

Resources:

STA304H5: Surveys, Sampling and Observational Data

Prerequisites:

~~STA221H5~~ or STA258H5 ~~STA260H5~~ or ~~STA238H1~~ or ~~STA255H1~~ or ECO227Y5

Exclusions:

STA304H1 or ~~STAC50H3~~ or ~~STAC53H3~~

Recommended Preparation:

Previous: STA260H5 or STA261H1 strongly recommended

New:

Rationale:

- (a) To address new courses across the three campuses.
- (b) To have consistency across campuses: STA304H1

Resources:

STA305H5: Experimental Design

Prerequisites:

~~STA302H1~~ or STA302H5 or ~~STA331H5~~ or ECO375H5

Exclusions:

~~STA332H5~~ or STA305H1

Rationale:

Tidy up. STA331H5 and STA332H5 have been renumbered as STA302H5 & STA305H5, respectively for more than five years.

Resources:

STA312H5: Topics in Statistics: Applied Statistical Modelling

Prerequisites:

Previous: Permission of the instructor

New: Appropriate prerequisite requirement (s) will be available on the UTM timetable along with the topic title prior to course registration.

Rationale:

Pre-requisite update for topic course.

Resources:

STA313H5: Topics in Statistics: Applications of Statistical Models

Title:

Topics in Statistics:Applications of Statistical Models

Prerequisites:

Previous: Permission of the instructor

New: Appropriate prerequisite requirement (s) will be available on the UTM timetable along with the topic title prior to course registration.

Rationale:

Pre-requisite update for this topic course.

Resources:

STA314H5: Introduction to Statistical Learning

Corequisites:

Previous: STA302H5 and Permission of the Instructor

New: STA302H5

Exclusions:

Previous:

New: STA314H1

Rationale:

1. Permission of instructor not required.
2. To address equivalent course.

Resources:

STA315H5: Advanced Statistical Learning

Prerequisites:

Previous: STA314H5 and Permission of the Instructor

New: STA314H5

Rationale:

Permission of the Instructor is not required.

Resources:

STA348H5: Introduction to Stochastic Processes

Prerequisites:

(~~STA260H5~~ or ~~STA261H5~~) and (MAT223H5 or MAT240H5)

Rationale:

STA261H5 has been renumbered to STA261H5 for many years. We would like to have it removed.

Resources:

STA360H5: Introduction to Bayesian Statistics**Prerequisites:**

Previous: (MAT134H5 or MAT136H5 or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or MAT233H5) and (STA215H5 or STA220H5 or STA257H1 or STA256H5 or ECO220Y5 or ECO227Y5 or PSY201H5)

New: STA258H5 or STA238H1 or STA255H1 or ECO227Y5 or ECO227Y1 or STA260H5 or STA246H5

Exclusions:

Previous: STA313H5 or STA258H5 or STA248H1 or STA255H1 or STAB57H3 or ECO227Y5 or STA365H1

New: STA313H5 (Winter 2020 and Winter 2022) or STA365H1

Rationale:

According to the current exclusion, if student completed STA258H5 and then take STA360H5, STA360H5 will be marked Extra. Which means it will not be included in their total credits and will not affect the CGPA. Our STA students don't have many upper-level courses to take. We don't want to limit their choices. Additionally, STA360H5 instructor wanted students to take STA258 prior to taking STA360 –the opposite way as stated in the calendar.

Resources:

STA413H5: Estimation and Testing**Prerequisites:**

STA260H5 or ~~STA261H5~~

Rationale:

STA261H1 has been renumbered to STA260H5 more than five years ago.

Resources:

STA437H5: Applied Multivariate Statistics**Prerequisites:**

~~STA302H1~~ or STA302H5 or ~~STA331H5~~ or ECO375H5

Rationale:

STA331H5 has been renumbered to STA302H5 for more than five years

Resources:

STA457H5: Applied Time Series Analysis**Prerequisites:**

~~STA302H1~~ or STA302H5 or ~~STA331H5~~ or ECO227Y5

Rationale:

STA331H5 has been renumbered to STA302H5 for more than five years.

Resources:

3 Retired Courses:

CSC320H5: Introduction to Visual Computing

Rationale:

we have not offered CSC320H5 (Visual Computing) in at least ten years. These are not areas that we see faculty growth and have no plans to offer these courses in the foreseeable future.

CSC448H5: Formal Languages and Automata

Rationale:

we have not offered CSC448 (Formal Languages and Automata) in at least ten years. These are not areas that we see faculty growth and have no plans to offer these courses in the foreseeable future.

MAT212H5: Modeling with Differential Equations in Life Sciences and Medicine

Rationale:

It hasn't been taught in about 10 years, and we don't plan to offer it.

Psychology (UTM), Department of

3 Minor Program Modifications:

Neuroscience - Specialist (Science)

Completion Requirements:

11.5-12.0 credits are required, including at least 3.0 credits at the 300/400 level and 1.0 credit at the 400 level.

First Year: PSY100Y5; BIO152H5, BIO153H5; CHM110H5, CHM120H5; (MAT132H5, MAT134H5)/(MAT135H5, MAT136H5)/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5

Second Year:

1. (PSY201H5, PSY202H5)/(STA220H5, STA221H5)/(STA215H5, BIO360H5) or equivalent
2. BIO202H5; BIO206H5; BIO207H5; PSY290H5
3. one of the following: PSY210H5, PSY270H5, PSY274H5, PSY280H5

Third Year: 1.0 credit from each of the following three areas:

- a. **Behavioural Neuroscience area:** BIO318Y5, BIO320H5, BIO328H5, PSY316H5, PSY318H5, PSY346H5, PSY352H5, PSY353H5, PSY354H5, PSY355H5, PSY369H5, **PSY385H5, PSY389H5**, PSY391H5, PSY392H5, PSY393H5, PSY395H5, PSY397H5, PSY398H5
- b. **Molecular/Cellular Biology area:** BIO314H5, BIO315H5, BIO341H5, BIO347H5, BIO372H5, BIO407H5, BIO476H5, PSY355H5, PSY392H5
- c. **Neurobiology area:** BIO304H5, BIO310H5, BIO380H5, BIO404H5, BIO409H5, PSY318H5, PSY346H5, PSY369H5, PSY393H5, PSY397H5

Fourth Year:

1. One seminar from the following: BIO403H5, BIO404H5, BIO406H5, BIO407H5, BIO408H5, **PSY472H5, PSY480H5**, PSY490H5, PSY495H5
2. One thesis/research project from the following: BIO481Y5, PSY400Y5, PSY403H5/PSY404H5/PSY405H5/PSY406H5/PSY499H5

NOTES:

1. In second year, students are encouraged to consider taking the following courses depending on their planned course of study:

•

BIO202H5 - required for several courses in the Neurobiology area.

•

PSY210H5 - required for several courses in the Behavioural Neuroscience area.

2. Students interested in taking PSY400Y5 in their last year are advised to take PSY309H5 in their third year.

Description of Proposed Changes:

Listing new proposed courses, PSY385H5 and PSY389H5 in course calendar.

Adding existing seminar courses, PSY472H5 and PSY480H5 to list of seminar courses

Rationale:

New courses proposals fit within our perception cluster of courses.

We have reviewed seminar courses and feel that there is sufficient neuroscience coverage to include in our list of seminar options.

Impact:

Provides more opportunities and choice for students

Consultation:

Psychology undergraduate curriculum committee

Resource Implications:

none

Psychology - Major (Science)

Completion Requirements:

6.5-7.0 credits in Psychology are required, including 2.0 at the 300/400 level.

First Year: PSY100Y5

Higher Years:

1. PSY201H5/ECO220Y5/ECO227Y5/SOC350H5/STA215H5/STA218H5/STA220H5
2. PSY210H5, PSY290H5
3. one of the following: PSY270H5, PSY274H5, PSY280H5
4. one of the following: PSY220H5, PSY230H5, PSY240H5
5. 1.5 credits from the following courses: 0.5 credit must be taken from each group:
 - a. Biological Bases of Behaviour: PSY318H5, PSY346H5, PSY351H5, PSY352H5, PSY353H5, PSY354H5, PSY355H5, PSY362H5, PSY372H5, PSY391H5, PSY392H5, PSY393H5, PSY395H5, PSY397H5, PSY398H5; BIO304H5, BIO310H5, BIO318Y5, BIO328H5
 - b. Perception/Cognition/Communication: PSY312H5, PSY315H5, PSY316H5, PSY360H5, PSY362H5, PSY371H5, PSY372H5, PSY374H5, PSY376H5, PSY384H5, **PSY385H5**, PSY387H5, PSY393H5, PSY397H5
 - c. Developmental/Abnormal/Social/Personality: PSY310H5, PSY311H5, PSY312H5, PSY313H5, PSY314H5, PSY315H5, PSY316H5, PSY317H5, PSY318H5, PSY320H5, PSY321H5, PSY324H5, PSY325H5, PSY327H5, PSY328H5, **PSY330H5**, PSY331H5, PSY333H5, PSY340H5, PSY341H5, PSY343H5, PSY344H5, PSY345H5, PSY346H5, PSY353H5
- 6.

1.5 additional credits in Psychology. At least 0.5 must be at the 300/400 level

NOTE: A single course can be used to satisfy only one Psychology program requirement.

Description of Proposed Changes:

Inclusion of new proposed course (PSY385) to 5b.

Rationale:

Proposed course fits within our perception cluster of courses

Impact:

More choice in course selection

Consultation:

Psychology curriculum committee.

Resource Implications:

none

Psychology - Specialist (Science)

Completion Requirements:

10.0-10.5 credits in Psychology are required.

First Year : PSY100Y5

Second Year:

1.
PSY201H5 and PSY202H5 (or equivalent)
2.
PSY210H5 and PSY290H5
3.
PSY270H5 or PSY274H5 or PSY280H5
4.
PSY220H5 or PSY230H5 or PSY240H5
5.
0.5 additional PSY credit at the 200-level

Third Year:

1.
PSY309H5
2.
One laboratory course from the following: PSY319H5 or PSY329H5 or PSY369H5 or PSY379H5 or **PSY389H5**
3.
3.0 credits from the following courses (with a min. 0.5 credit from each grouping):
 - a.
Biological Bases of Behaviour: PSY318H5, PSY346H5, PSY351H5, PSY352H5, PSY353H5, PSY354H5, PSY355H5, PSY362H5, PSY372H5, PSY391H5, PSY392H5, PSY393H5, PSY395H5, PSY397H5, PSY398H5; BIO304H5, BIO310H5, BIO318Y5, BIO328H5
 - b.

Perception/Cognition/Communication: PSY312H5, PSY315H5, PSY316H5, PSY360H5, PSY362H5, PSY371H5, PSY372H5, PSY374H5, PSY376H5, PSY384H5, PSY385H5, PSY387H5, PSY393H5, PSY397H5

c.

Developmental/Abnormal/Social/Personality: PSY310H5, PSY311H5, PSY312H5, PSY313H5, PSY314H5, PSY315H5, PSY316H5, PSY317H5, PSY318H5, PSY320H5, PSY321H5, PSY324H5, PSY325H5, PSY327H5, PSY328H5, PSY330H5, PSY331H5, PSY333H5, PSY340H5, PSY341H5, PSY343H5, PSY344H5, PSY345H5, PSY346H5, PSY353H5

Fourth Year:

1.
PSY400Y5 or PSY403H5 or PSY404H5 or PSY405H5 or PSY406H5 or PSY499H5

2.
1.0 credit from the following courses: PSY402H5 or PSY410H5 or PSY415H5 or PSY420H5 or PSY430H5 or PSY435H5 or PSY440H5 or PSY442Y5 or PSY471H5 or PSY480H5 or PSY490H5 or PSY495H5 or BIO403H5 or BIO407H5 or STA441H5

NOTE: A single course can be used to satisfy only one Psychology program requirement.

Description of Proposed Changes:

Inclusion of new course proposal PSY389H5 to 2.
Inclusion of new course proposal PSY385H5 to 3B

Rationale:

New Perception courses fit well in perception cluster of courses

Impact:

Increased course offerings provide students with greater flexibility in course choices and applied learning experiences for students

Consultation:

Psychology undergraduate committee

Resource Implications:

none.

3 New Courses:

PSY330H5: The Basics of Measurement in Social and Personality Psychology

Contact Hours:

Lecture: 36

Description:

In psychology, we often talk about people in relation to concepts like attachment, happiness, and need to belong. But, how do we actually measure these psychological constructs when we cannot see and touch them? Importantly, how can we be sure that research findings are based on good measurement practices and therefore seen as trustworthy? This course explores basic issues of psychometrics – the measurement of psychological constructs -- in social and personality psychology. We will read scholarly literature on psychometrics, discuss good practices for conceptualizing and assessing psychological constructs, and learn about how we can provide evidence for the validity and reliability of people’s responses to measures. We will practice using analytic techniques that examine measurement properties. The student should leave the course with a practical “measurement toolbox” which will allow them to conduct their own psychometric analyses, and better evaluate measurement practices used in social and personality psychology.

Prerequisites:

PSY201H5 (or equivalent)

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

Understanding the measurement of psychological constructs is foundational for conducting and evaluating research, but most students do not get exposed to this topic until graduate school, well after they have begun conducting their own research projects. This course will give students a basic understanding of psychometrics. The goal of the course is to give students highly sought after practical skills in conducting fundamental analyses that examine measurement properties, which they can then apply in future research endeavors and in their evaluation of current research across a variety of areas in psychology.

The proposed course would have PSY 201 as a prerequisite, because the course material will require some prior experience with conducting statistical analysis. This course would also fill a gap in the 300-level courses in the department, as there are presently no 300-level courses with a focus on psychological measurement

Consultation:

Consultation within Psychology curriculum committee

Resources:

standard TA support; no other resources required.

PSY385H5: Human Factors: Applying Perceptual and Cognitive Research to the World

Contact Hours:

Lecture: 36

Description:

How can understanding perception help to explain what we do in the world? In this course, we will consider questions from engineering and human factors through the lens of perceptual research, tackling the human side of design and engineering problems. Topics include driver behaviour, interface design, data visualization and the perceptual and psychological foundations that dictate their success or failure.

Prerequisites:

PSY280H5

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

Students often want to know how to apply what they have learned in other courses, particularly in perception, and the department currently offers no courses with an applied focus building on our existing offerings in perception. The course will introduce students to questions of human factors, that is, where engineering intersects with human behavior, but the course will be fundamentally grounded in perceptual and cognitive science, placing mechanism front and center. The goal of the course is to give students the tools to apply and generalize their knowledge of perception to real-world problems, based on a deep understanding of the capabilities and limitations of our perceptual abilities. This design will give students a broad foundation supporting further research and study in applied domains while they are at UTM and will provide useful background for a range of careers after graduation (e.g., user experience and user interface research, human factors research). This course builds directly on new expertise in the department, as Dr. Wolfe's and Dr. Kosovicheva's research, respectively, explicitly connect perceptual science and real-world applications.

The proposed course would have PSY280 (Sensation and Perception) as a prerequisite, building on it and focusing on application and implications. This course would also fill a gap in the 300-level courses in the department, as there are presently no 300-level courses with a focus on visual perception, and it would complement PSY371 (Higher Cognitive Processes) which focuses on cognition and PSY372 (Human Memory: The world within your Mind), which focuses on memory. In conjunction with the proposed Perception Laboratory (PSY389), which would focus on techniques and research skills, this course (PSY385) would focus on expanding students' knowledge and experience towards more real-world problems. This new course would enable us to serve our students better, providing learning opportunities focused on how students can apply their knowledge of perception, increasing their skills and their ability to employ their understanding of perception after graduation.

Consultation:

Psychology curriculum committee, Psychology Associate Chair.

Resources:

PSY389H5: Perception Laboratory

Contact Hours:

Practical: 36

Description:

In this course, students will learn how to develop and design experiments to answer scientific questions of their interest in the study of perception. Students will learn psychophysical methods, which relate the physical properties of the world to perceptual experience, and apply these advanced methods by carrying out experiments and analyzing data.

Prerequisites:

PSY202H5 (or equivalent) and PSY280H5

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

Rationale: The proposed course would be an addition to current lab offerings in the department (PSY 319, 329, 369, and 379), that can be used to satisfy the same requirements as these courses.

Given the popularity of PSY280 (Sensation and Perception), there is likely considerable student demand for a laboratory course in Perception, building on this foundation and developing skills in psychophysical methods. This is particularly imperative now, given the increase in the number of Psychology Majors and Psychology Specialists, since laboratory courses are a requirement for the latter (all laboratory courses for the 2021-2022 academic year are full). In addition, we now have multiple faculty who can support such a course (Kosovicheva, Wolfe).

Relationship to Similar Courses: This course would cover different techniques than PSY379 (Cognitive Psychology Laboratory), which focuses on classical cognitive psychology methods like reaction time and accuracy measures without a psychophysical focus. The proposed course would cover different techniques, including psychophysical measurement, thresholds, and eye tracking.

Consultation:

Approval through Psychology curriculum committee and in consultation with Psychology Chair.

Resources:

The course would require access to a computer lab. Assignments will be based on free, open-source software for perception experiments (PsychoPy) and data analysis (R Studio). Ideally, establishing this course would also involve the one-time purchase of several inexpensive eye tracking systems (Gazepoint 3; \$795+HST per unit; five or more units so that they can be shared by students). This would enable experiential learning that cannot be achieved with pre-collected datasets, and prepares students for work in data visualization, data science, human factors, etc. No ongoing software license costs would be required. The course would also require standard TA support.

5 Course Modifications:

PSY309H5: Experimental Design and Theory

Description:

Previous: Practical problems in research design and interpretation of experimental findings . Practice in the critical evaluation of research findings. Students will gain experience in the processes involved in collecting and analyzing data and in using computers to set up psychological experiments. [36P]

New:

Students participate in an immersive learning experience that replicates the process of designing, conducting, analyzing, and presenting a psychological research study . Lecture sessions will introduce best practices in psychological science. Tutorial sessions will prepare students by teaching statistical programming. Students will apply statistical methods, principles and practices to realize a significant, open-ended research project. Students will lead generation of their own research questions, direct their own literature review, propose research methodologies, and work independently on datasets, applying advanced statistical and presentation tools and techniques used in research labs to analyze and present research findings in both written and oral formats.

Prerequisites:

PSY201H5 and (PSY202H5 or equivalent) and 1.0 credit in PSY at the 200 level

Rationale:

Updating course calendar description to better reflect the experiential nature of the course

Consultation:

Instructor consultation and Psychology undergraduate curriculum committee.

Resources:

PSY319H5: Developmental Psychology Laboratory

Description:

In this course **Readings**, students will learn how to develop **laboratory exercises** and design experiments **research projects designed** to answer scientific questions of their interest in the study of Developmental Psychology. Students will learn research **familiarize students with** methods **relevant** to research with infants and children, and apply these advanced methods. Students will also learn to code and analyze real data using advanced computational and statistical software.

Rationale:

Previous course description was written in a generic way that would maintain flexibility for different instructors to teach the course. We are updating course calendar description to better reflect the experiential nature of the course.

Resources:

PSY379H5: Cognitive Psychology Laboratory

Description:

In this course **Readings, laboratory exercises, and research projects designed to familiarize** students will learn how **with methodologies relevant** to design and propose original experiments to answer scientific questions of their interest **empirical research** in the field of cognitive psychology. Students will discover the mechanisms involved in the processing of information by engaging with various methodologies used by cognitive psychologists and learn to analyze real data using advanced computational and statistical software.

Rationale:

Updated course description to better reflect the nature of experiences that students will be expose to in this course

Resources:

PSY402H5: Systems of Psychology

Title:

Roots ~~Systems~~ of Psychology : A history of the field from the 19th century to the present day

Abbreviated Title:

Roots ~~Systems~~ of Psychology

Description:

Previous:

A critical analysis of the historical, conceptual, and methodological foundations of influential approaches to the study of mind and behaviour (e.g ., behaviourism, psychoanalysis, humanistic psychology, cognitive science) . < / p>

New:

Where did the field of psychology come from, and where is it going? < / span>In this course we will explore these questions through the lens of theoretical frameworks, experimental methods, ideas that have (or have not) endured, recent advances, and promising new directions .

Prerequisites:

1.0 credit of PSY at 300 level ~~credit in Psychology~~

Rationale:

We propose to change the title for PSY402, "Systems of Psychology" to reflect the changed emphasis of the course, focusing on the history and evolution of the field. In particular, the course focuses on how the field has evolved, changed and built on previous work, and how these foundations have informed modern Psychology research. The course will build on what students have learned throughout the Psychology program, helping them develop an understanding of the breadth and history of the field as they come to the end of their time in the program. This emphasis on history and change will help students understand both where the field has come from, how it is changing and what the broader impacts of Psychology have been in the past and will be in the future

Resources:

PSY490H5: Advanced Topics in Neuroscience

Abbreviated Title:

Adv Topics ~~Neuroscience Biol Psychol~~

Prerequisites:

(PSY270H5 or PSY290H5)and (~~or~~ 1.0 credit from ~~(~~PSY346H5 or PSY362H5 or PSY369H5 or PSY372H5 or PSY395H5 or PSY397H5 or PSY398H5 or BIO304H5)

Rationale:

Error in prerequisite list to include 'or' instead of 'and'. The change to 'and' brings prerequisite requirements to be similar to that of other Psychology Lab courses.

Consultation:

Psychology undergraduate curriculum committee

Resources:

Addendum: Sciences Course Experience Tags (Fall 2021)

Unit	Course Experience Code	Calendar Title & Description
Anthropology (UTM), Department of		
University-Based Experience		
	ANT306H5	<p>Forensic Anthropology Field School</p> <p>Introduction to the field of forensic anthropological field techniques and scene interpretation. A 2-week field school will be held on the U of T Mississauga campus (Monday to Friday 9 a.m. to 5 p.m., two weeks in August). Weekly 2-hour classes will be held during the fall term. In these classes, students will examine casts, maps, photos and other evidence collected in the field, for the purposes of scene reconstruction and presentation in court. Limited Enrolment and Application Process: see Anthropology department website for more details.</p>
	ANT318H5	<p>Archaeological Fieldwork</p> <p>Introduction to archaeological field methods. Practical component of the field school takes place on the UTM campus during the last two weeks of August (Monday-Friday 9:00 am - 5:00 pm). Morning lectures (week one) covering note taking, map making, cultural landscapes, material culture identification and survey and excavation methods, are followed by afternoons in the field applying skills taught that morning. Week two is spent excavating at an archaeological site. During weekly laboratory sessions September - December students learn to process, identify, and catalogue artifacts recovered during the field component. Limited Enrolment and Application Process: see Anthropology department website for more details.</p>
	ANT418H5	<p>Advanced Archaeological Fieldwork</p> <p>Practical experience for students who completed ANT318H5 and are ready for more advanced field experiences. During practical component (last two weeks of August, Monday-Friday 9:00 am - 5:00 pm) students have responsibility for recording/documenting an archaeological site in the field, including survey and detailed mapping. Students also act as mentors to ANT318 students during pedestrian and subsurface survey, and excavation. During weekly laboratory sessions September - December students process, identify, and catalogue artifacts, and learn to write an archaeological report and site record form. Limited Enrolment and Application Process: see Anthropology department website for more details.</p>
Biology (UTM), Department of		
Partnership-Based Experience		
	BIO400Y5	<p>Biology Internship</p> <p>Through a part-time, unpaid, 200-hour work placement, fourth year students apply biology content and skills. Placements are made throughout the GTA in both the private (e.g. pharmaceutical or biotech companies) or public (e.g. Peel Region Medical Office, hospitals, Great Lakes Laboratory) sector. Biweekly class meetings plus year-end report and presentation are required. Students in a biology specialist program are given priority. Updated application information will be on-line at www.utm.utoronto.ca/intern by February 1st of each year. Please see the Internship Office (DV 3201D) for more information.</p>
University-Based Experience		
	BIO481Y5	<p>Biology Research Project</p> <p>Students in this course will conduct a research project under the supervision of a faculty member in the Department of Biology. The course is open to third and fourth year students. Students learn how to design, carry out, and evaluate the results of a research project. Students are required to write and present a research proposal, write a term paper, and present a seminar on the results of their research project. All students interested in a research project must approach potential faculty supervisors several months in advance of the beginning of term. Students must obtain permission from the faculty member whom they would like to serve as their project supervisor. Students must meet with the course coordinator periodically throughout the academic year.</p>

Unit	Course Experience Code	Calendar Title & Description
Chemical and Physical Sciences (UTM), Department of		
Partnership-Based Experience		
	CPS400Y5	<p>Chemical and Physical Sciences Internship</p> <p>This internship opportunity will allow students to apply theoretical and practical skills acquired during their undergraduate education in order to gain vital industry experience. Students will be trained in effective job searching skills (writing a CV and a Cover Letter, participating in job interviews) and will gain valuable experiences that are sought after by employers in both public and private sectors. Students will be placed with various employers in the GTA based on their interest and skill set, and on the employer needs and availability. The placement is a 200 h unpaid internship. The Course Coordinator/Instructor(s) will schedule biweekly meetings to discuss the setup and progress of the student projects. Student attendance is mandatory. At the end of the term, students must submit a written report and prepare an oral presentation about the outcomes of their work experience. In order to be considered for the internship, students must apply for the course. The Course Coordinator will approve enrolment in the course based on the number of internship opportunities available, which will vary from year-to-year, and student qualifications (e.g. GPA, experience, qualifications related to the requirements of the available placement(s), and interview performance).</p>
University-Based Experience		
	AST299Y5	<p>Research Opportunity Program</p> <p>This courses provides a richly rewarding opportunity for students in their second year to work in the research project of a professor in return for 299Y course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.</p>
	AST399Y5	<p>Research Opportunity Program</p> <p>This course provides third-year undergraduate students (after completing at least 9.0 credits) who have developed some knowledge of astronomical research with an opportunity to assist in a research project of a professor in return for course credit. Students enrolled in this course have the opportunity to enhance their research skills and share in the excitement of acquiring new knowledge and in the discovery process of science. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February, and students are invited to apply in early March. See Experiential and International Opportunities for more detail.</p>
	CHM396H5	<p>Analytical and Physical Chemistry Instrumentation Laboratory I</p> <p>This analytical and physical chemistry laboratory course represents an integration of the study of fundamental physical chemistry with wide-ranging applications to instrumental methods of analysis, such as separation science, electrochemistry and spectroscopy. The course will provide a solid hands-on grounding in many of the major topics covered in analytical and physical chemistry, and the optimization of instrumental analytical measurements by the application of physical principles. Students select from a variety of instruments to customize their program, and develop their own analytical methods to address analytical problems of interest to the student.</p>
	CHM397H5	<p>Analytical and Physical Chemistry Instrumentation Laboratory II</p> <p>This analytical and physical chemistry laboratory course carries on from CHM396 to introduce more advanced topics in instrumental methods of analysis and physical chemistry concepts. The course will include experimental modules focused on instrument design and computer interfacing, molecular spectroscopy (e.g. fluorescence, infrared and Raman, and NMR), plasmon resonance methods for biomolecule determinations and kinetic analysis, microfluidics and lab-on-a-chip technologies. The course will provide practical experience in the optimization of instrumental analytical measurements, experiment design, and topics of relevance to research in analytical and physical chemistry.</p>

Unit	Course Experience	Code	Calendar Title & Description
		CHM399Y5	<p>Research Opportunity Program</p> <p>This course provides third-year undergraduate students (after completion of 8.0 credits) who have developed some knowledge of Chemistry and its research methods, an opportunity to work in the research project of a professor in return for course credit. Students enrolled have the opportunity to become involved in original research, enhance their research skills and share in the excitement of acquiring new knowledge and in the discovery process of science. This course does not count as one of the requirements in the Chemistry Minor program. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.</p>
		CPS398H5	<p>Teaching Opportunity Program in Sciences</p> <p>A scholarly, active learning project in which students integrate and apply their understanding of science and pedagogy by observing, actively participating in, and reflecting on the teaching and learning process under the supervision of an experienced instructor/mentor. This course may be taken in either the Summer, Fall or Winter terms. Enrolment requires submitting an application to the department before the end of the term prior to that in which it is intended to undertake the research. Independent Studies Application Forms may be found at http://uoft.me/cpsforms. Students should plan for the course in March of the previous academic year and register as soon as their registration period begins. Students are encouraged to consult with, and obtain the consent of, prospective supervisors before applying for enrolment. Enrolment will depend on the availability of positions.</p>
		CPS401Y5	<p>Research and Development in Science Education</p> <p>This course is intended for students in a CPS or Environmental Science Major or Specialist program. It provides an experiential learning opportunity with secondary school students and teachers. Students will research the literature of science pedagogy and acquire pedagogical content knowledge, particularly that of problem-based learning and the use of case studies. Then, through the creation of original, problem-based learning materials for Grades 11 and 12 classes and the preparation of teachers' notes for these materials, they will enhance their subject specialization knowledge. They will then assist a teacher in implementing their materials in a school or, where the materials involve experiments, in the field or in the UTM teaching laboratories. The course is normally taken in the student's fourth year. Enrollment requires submitting an application to the CPS Department in the spring term, with the application due date being the final day of classes. Independent Studies Application Forms may be found at http://uoft.me/cpsforms. Applications should be submitted to the CPS Undergraduate Assistant. Registration on ACORN is also required.</p>
		CPS489Y5	<p>Introduction to Research in the Chemical and Physical Sciences</p> <p>Students will work toward the completion of an experimental or theoretical research project in an area of study within the chemical and physical sciences, namely, astronomy, chemistry, earth sciences or physics. Projects will be based on current trends in research and students will work to complete their projects with guidance provided by a team of facilitators and faculty advisors consisting of course coordinators and a researcher from the Department of Chemical and Physical Sciences. In addition to the rigorous development of research skills, the course will also provide students with training and practical experience in project management techniques and practical research, literary and communications skills development. CPS489Y5 requires submitting an application to the department. Application forms may be found at http://uoft.me/cpsforms. Applications should be submitted to the CPS Undergraduate Assistant.</p>

Unit	Course Experience	Code	Calendar Title & Description
		ERS299Y5	<p>Research Opportunity Program</p> <p>This courses provides a richly rewarding opportunity for students in their second year to work in the research project of a professor in return for 299Y course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.</p>
		ERS325H5	<p>Field Camp I</p> <p>This course, held on the north shore of Lake Huron in the summer, covers geological mapping skills, stratigraphic section measurements, and the recognition of rock types, fossils and geological structures in an authentic field-based learning environment in order to interpret ancient geological environments (approx. 12 days of field instruction). Students in this course receive an instructor lead introduction to the regional geology at whitefish falls, Ontario, before engaging in individual or small group projects in which geologic maps of a defined region will be assembled over 5-6 days of student-led field work. Students will complete an oral field examinations at the end of the field days. Students must pay a course fee, which includes transportation and accommodation at the camp, but does not include the cost of food nor does it cover any course fees charged by the Office of the Registrar. Note: This course is identical to ESS330H1 (formerly GLG340H1). U of T Mississauga students must register in the Summer Session, and provide consent waivers and the course fee to the Undergraduate Assistant for Earth Sciences in the Department of Chemical and Physical Sciences. This field camp is usually held in early May. Registration and fee payment deadline: mid-March. For specific yearly course information, please see the UTM CPS Earth Science Fieldtrip page for more information on dates, required field gear and other information.</p>
		ERS399Y5	<p>Research Opportunity Program</p> <p>This course provides a richly rewarding opportunity for third or higher year students to work on the research project of a professor in earth sciences 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 description for the following summer and fall/winter session on the ROP website in mid-February and students are invited to apply at that time. See Experiential and International Opportunities for more details.</p>
		ERS425H5	<p>Geology of North America</p> <p>This course will provide students with a first-hand field exposure to geologic outcrops in North America, where knowledge gained during classroom instruction throughout their studies can be applied to textbook examples of a variety of real-world geologic features. The course is structured around one major field trip during the fall break where student-led group work on rock outcrops is done, followed by the provision of individual presentations and the preparation of field reports. 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 March of the academic year preceding the course to find out more details about the specific field trip plans.</p>

Unit	Course Experience	Code	Calendar Title & Description
		ERS499Y5	<p>Research Opportunity Program</p> <p>This course provides a richly rewarding opportunity for a fourth or higher year students to work on the research project of a professor in Earth Science in return for 499Y5 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 description for the following summer and fall/winter session on the ROP website in mid-February and students are invited to apply at that time. See Experiential and International Opportunities for more details.</p>
		JCB487Y5	<p>Advanced Interdisciplinary Research Laboratory</p> <p>Students will work together as members of a multidisciplinary team toward the completion of an interdisciplinary experimental or theoretical research project. Teams will be comprised of at least three students, with representation from at least three areas of specialization, namely, astronomy, biology, chemistry, earth sciences or physics. The interdisciplinary projects will be based on current trends in research and student teams will work to complete their projects with guidance provided by a team of faculty advisors from the Biology Department and the Department of Chemical and Physical Sciences. In addition to the rigorous development of research skills, the course will also provide students with training and practical experience in project management techniques and teamwork skills development. JCB487Y5 requires submitting an application to the department before the end of June for Fall enrolment. Application forms may be found at http://uoft.me/cpsforms. Application should be submitted to the CPS Undergraduate Assistant. Registration on ACORN is also required.</p>
		PHY299Y5	<p>Research Opportunity Program</p> <p>This course provides a rewarding opportunity for students in their second year to work in the research project of a professor in return for 299Y course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.</p>
		PHY399Y5	<p>Research Opportunity Program</p> <p>This course provides third-year undergraduate students (after completion of at least 8 to 10 credits) who have developed some knowledge of Physics and its research methods, an opportunity to work in the research project of a professor in return for course credit. Students enrolled have the opportunity to become involved in original research, enhance their research skills and share in the excitement of acquiring new knowledge and in the discovery process of science. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.</p>
Geography, Geomatics and Environment (UTM), Department of			
Partnership-Based Experience			
		GGR442H5	<p>GIS Capstone Project</p> <p>Students apply prerequisite knowledge and techniques to real-world GIS projects requested by external clients. Through background research, proposal, data management, and implementation, students develop GIS professional competencies, which will be demonstrated through collaboration, presentations and reports.</p>

Unit	Course Experience	Code	Calendar Title & Description
		JEG400Y5	<p>Geography / Environment Science Internship</p> <p>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. Instructions for the application can be found on the Geography Department home page.</p>
University-Based Experience			
		ENV322H5	<p>Practicum in Environmental Project Management</p> <p>Solutions to environmental issues depend on interdisciplinary teamwork. This course mimics the practical, multidisciplinary, collaborative work that is highly valued in the environment sector. Students work in teams on semester-long projects addressing a specific environmental issue on campus or in the local community (e.g., conducting a waste audit; developing an educational module for a local NGO, etc.). Specific skills that are developed include; project management and workflow, data collection, report writing and formal presentations. This course is strongly recommended for Specialist and Major students in any of the Environment Programs.</p>
		ENV496H5	<p>Restoration Ecology II</p> <p>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.</p>
		ENV497H5	<p>Environmental Research Project</p> <p>This independent project course is designed to give students experience in the definition and execution of a one-term research study on an environmental topic, under the guidance of a member of the faculty. Students who wish to pursue this option with a specific faculty member or who have an idea for a research project should approach the faculty member early - before the start of the academic term - to negotiate the terms of the project.</p>
		JEG417Y5	<p>Honours Thesis</p> <p>This course is designed to give students experience in the design and execution of an independent senior thesis under the supervision of a faculty member. In order to register in the course, students must obtain approval from a supervisor, complete an application form and submit the form to the Department of Geography. Please refer to the Department of Geography website for details: https://utm.utoronto.ca/geography/field-internship-and-thesis-courses. This course may fulfill field day components. Please consult with your supervisor.</p>
Mathematical and Computational Sciences (UTM), Department of			
University-Based Experience			
		CSC392H5	<p>Computer Science Implementation Project</p> <p>This course involves a significant implementation project in any area of Computer Science. The project may be undertaken individually or in small groups. The project is offered by arrangement with a Computer Science faculty member.</p>
		CSC393H5	<p>Computer Science Expository Work</p> <p>This course involves a significant literature search and expository work in any area of Computer Science. This work must be undertaken individually. It is offered by arrangement with a Computer Science faculty member.</p>

SCI Course Experience Tags (Fall 2021)

Unit	Course Experience	Code	Calendar Title & Description
		CSC492H5	<p>Computer Science Implementation Project</p> <p>This course involves a significant implementation project in any area of Computer Science. The project may be undertaken individually or in small groups. The project is offered by arrangement with a Computer Science faculty member.</p>
		CSC493H5	<p>Computer Science Expository Work</p> <p>This course involves a significant literature search and expository work in any area of Computer Science. This work must be undertaken individually. It is offered by arrangement with a Computer Science faculty member.</p>

SCI Course Experience Tags (Fall 2021)

Unit	Course Experience	Code	Calendar Title & Description
		MAT397H5	<p>Further Studies in Mathematics</p> <p>Students explore a topic in mathematics under the supervision of a faculty member. Interested students must consult with mathematics faculty at least two months prior to registration, to determine the topic and scope.</p>
		MAT398H5	<p>Further Studies in Mathematics</p> <p>Students explore a topic in mathematics under the supervision of a faculty member. Interested students must consult with mathematics faculty at least two months prior to registration, to determine the topic and scope.</p>
		MAT492H5	<p>Senior Thesis</p> <p>An exposition on a topic in mathematics written under the supervision of a faculty member. Open to students in Mathematical Sciences Specialist program.</p>
		MAT497H5	<p>Further Studies in Mathematics</p> <p>Students explore a topic in mathematics under the supervision of a faculty member. Interested students must consult with mathematics faculty at least two months prior to registration, to determine the topic and scope.</p>
		MAT498H5	<p>Further Studies in Mathematics</p> <p>Students explore a topic in mathematics under the supervision of a faculty member. Interested students must consult with mathematics faculty at least two months prior to registration, to determine the topic and scope.</p>
		STA378H5	<p>Research Project</p> <p>Research project. The project topic will vary from year to year. Interested students must consult with statistics faculty, at least two months prior to registration, to determine the project's topic and scope. Enrolment by permission of instructor only.</p>
		STA398H5	<p>Research Project</p> <p>The project topic will vary from year to year. Interested students must consult with statistics faculty, at least two months prior to registration, to determine the project's topic and scope. Enrolment by permission of instructor only.</p>
		STA478H5	<p>Statistics Research Project</p> <p>Research project. The project topic will vary from year to year. Interested students must consult with statistics faculty, at least two months prior to registration, to determine the project's topic and scope. Enrolment by permission of instructor only.</p>
		STA498H5	<p>Research Project</p> <p>The project topic will vary from year to year. Interested students must consult with statistics faculty, at least two months prior to registration, to determine the project's topic and scope. Enrolment by permission of instructor only.</p>

Unit	Course Experience Code	Calendar Title & Description
Psychology (UTM), Department of		
Partnership-Based Experience		
	PSY442Y5	<p>Practicum in Exceptionality in Human Learning</p> <p>Seminar and practicum on issues relating to the life-long development of individuals with disabilities. Seminar at UTM; practicum involves supervised placements in schools or social service agencies (80 hours). Course is required for students enrolled in the Exceptionality in Human Learning Specialist program and is available to Psychology Specialists, Majors and Minors on a competitive basis. Course fulfills the 400-level seminar requirement for the Psychology Specialist Program. 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.</p>
University-Based Experience		
	PSY299H5	<p>Research Opportunity Program</p> <p>This course provides a richly rewarding opportunity for students in their second year to participate in the research project of a professor in return for 299H course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.</p>
	PSY399H5	<p>Research Opportunity Program</p> <p>This course provides third year undergraduate students who have developed an understanding of psychological research methods with an opportunity to participate in the research program of a faculty member in return for course credit. Enrolled students will have the opportunity to become involved in original research, enhance their research skills and share in the excitement of acquiring new knowledge and in the discovery process of science. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.</p>
	PSY400Y5	<p>Thesis</p> <p>Independent research supervised by individual faculty members. Seminars on general topics relevant to the conduct of independent research, student research proposals, and the presentation of findings. To register in the course, students must obtain approval from a faculty supervisor, and apply for and obtain approval from Department of Psychology (see the Psychology department website for details). Advanced-level students who do not meet the stated course prerequisites but who possess relevant research experience may be admitted at the discretion of the course instructor. In addition to the seminar component, students complete at least 72 hours of research in the laboratory of their supervisor. Note: Entry to the course is competitive. Satisfaction of minimum requirements does not guarantee admission to the course.</p>
	PSY403H5	<p>Individual Project</p> <p>Independent research on a specific aspect of human or animal behaviour. Students arrange for a Faculty supervisor during the preceding term.</p>
	PSY404H5	<p>Individual Project</p> <p>Independent research on a specific aspect of human or animal behaviour. Students arrange for a Faculty supervisor during the preceding term.</p>
	PSY405H5	<p>Individual Project</p> <p>Independent research on a specific aspect of human or animal behaviour. Students arrange for a Faculty supervisor during the preceding term.</p>

SCI Course Experience Tags (Fall 2021)

Unit	Course Experience	Code	Calendar Title & Description
		PSY406H5	Individual Project Independent research on a specific aspect of human or animal behaviour. Students arrange for a Faculty supervisor during the preceding term.



UNIVERSITY OF TORONTO

University of Toronto Mississauga

SOCIAL SCIENCE Curriculum Proposals Report

Report Generated: November 30th, 2021.

Table of Contents

Anthropology (UTM), Department of	3
1 Minor Program Modification:	3
5 Course Modifications:	6
Communication, Culture, Information, & Technology (UTM), Institute of	9
4 Minor Program Modifications:.....	9
2 New Courses:	14
42 Course Modifications:.....	16
Economics (UTM), Department of	31
2 New Courses:	31
9 Course Modifications:.....	33
5 Retired Courses:.....	36
Geography, Geomatics and Environment (UTM), Department of	37
2 Course Modifications:.....	37
3 Retired Courses:.....	38
Management (UTM), Department of	39
8 Minor Program Modifications:.....	39
3 New Courses:	54
9 Course Modifications:.....	57
3 Retired Courses:.....	61
Management and Innovation (UTM), Institute for	62
3 New Courses:	62
Political Science (UTM), Department of	65
1 Minor Program Modification:	65
21 Course Modifications:.....	68
Sociology (UTM), Department of	73
7 New Courses:	73
1 Course Modification:	77
Addendum: Social Sciences Course Experience Tags (Fall 2021)	78

TOTAL SOCIAL SCIENCES MINOR PROGRAM MODIFICATIONS: 14

TOTAL SOCIAL SCIENCES NEW COURSES: 17

TOTAL SOCIAL SCIENCES RETIRED COURSES: 11

TOTAL SOCIAL SCIENCES COURSE MODIFICATIONS: 117 (including 28 Course Experience Tags)

1 Minor Program Modification:

Anthropology - Minor (Arts)

Completion Requirements:

4.0 credits are required.

First Year: ANT101H5 and ANT102H5

Second Year: 1.5 credits from ANT200H5 or ANT201H5 or ANT202H5 or ANT203H5 or ANT204H5 or ANT206H5 or ANT207H5 or ANT220H5

Higher Years: 1.5 additional ANT credits. At least 1.0 must be at the 300/400 level.

Notes:

1. Please be aware of the upper year prerequisite requirements when choosing your second-year courses for the minor. Students must have completed all published prerequisites in order to enrol in 300 and 400 level Anthropology courses. Students without prerequisites can be removed at any time. No waivers will be granted.
2. JAL253H5, JAL353H5, and JAL355H5 are counted as ANT social ~~science credits~~. HSC403H5 and HSC404H5 are counted as ~~ANT~~ science credits.

Rationale:

Removing HSC course options as these courses are only open to BIO students currently.

Resource Implications:

2 New Courses:

ANT497H5: Advanced Independent Study

Contact Hours:

Description:

This independent study course is designed to offer students advanced supervised reading, research and planning for a publishable report on an anthropological topic not covered in other courses, or covered only briefly. Students who wish to pursue this option with a specific faculty member should approach the faculty member early - before the start of the academic term - to negotiate the research and study program.

Prerequisites:

Permission of Instructor and Permission of Department

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

Adding this course to match the numbering convention of the 300 level independent study & ROP courses. This will allow us to introduce a 400-level ROP option. Not necessary to include exclusions of previous course codes (was 498) since students are allowed to repeat an independent study course for credit. They are very individual so this will unlikely be an issue. As well, in checking who already took independent study courses in the past, we also check to see if they have already graduated (or will graduate before the fall 2022 term).

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

ANT497Y5: Advanced Independent Study

Contact Hours:

Description:

This independent study course is designed to offer students advanced supervised reading, research and planning for a publishable report on an anthropological topic not covered in other courses, or covered only briefly. Students who wish to pursue this option with a specific faculty member should approach the faculty member early - before the start of the academic term - to negotiate the research and study program.

Prerequisites:

Permission of Instructor and Permission of Department

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

Adding this course to match the numbering convention of the 300 level independent study & ROP courses. This will allow us to introduce a 400-level ROP option. Not necessary to include exclusions of previous course codes (was 498) since students are allowed to repeat an independent study course for credit. They are very individual so this will unlikely be an issue. As well, in checking who already took independent study courses in the past, we also check to see if they have already graduated (or will graduate before the fall 2022 term).

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

5 Course Modifications:

ANT102H5: Introduction to Sociocultural and Linguistic Anthropology

Description:

Anthropology is the global and holistic study of human biology and behaviour, and includes four subfields: biological anthropology, archaeology, sociocultural anthropology and linguistic anthropology. The material covered is directed to answering the question: What makes us human? This course is a survey of sociocultural and linguistic anthropology. In some years, students may have the option of participating in an international learning experience during Reading Week that will have an additional cost and application process.

Rationale:

ANT102H5 is one of two main introductory courses to anthropology, and one of the main ways in which we can attract students to majoring, minoring, or specializing in our field. Adding an international component to this course will allow first year students to acquire an experiential understanding of anthropology and its significance. Taking concepts discussed in the classroom into the field to better understand abstract notions like cultural relativism or ethnocentrism, for example, but also understanding the significance of fieldwork will enrich their introduction to anthropology in an incredible way. Rather than waiting until upper year classes, where students have already selected their programs, this early introduction of an international, experiential component will undoubtedly assist in attracting more students to anthropology.

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair. The instructor has already contacted the IEC office and they said that we have their support in moving forward with adding the optional international component to ANT102H5.

Resources:

ANT498H5: Advanced Independent Study

Title:

Advanced Independent Reading Study

Description:

This independent reading study course is designed to offer students advanced supervised reading, research and planning for a publishable report on an anthropological topic not covered in other courses, or covered only briefly. Students who wish to pursue this option with a specific faculty member should approach the faculty member early - before the start of the academic term - to negotiate the reading research and study program.

Rationale:

Renaming this course to match the numbering convention of the 300 level independent study courses. This will allow us to introduce a ANT499 ROP. Not necessary to include exclusions of previous course codes since students are allowed to repeat an independent study course for credit. They are very individual so this will unlikely be an issue. As well, in checking who already took independent study courses in the past, we also check to see if they have already graduated (or will graduate before the fall 2022 term).

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

ANT498Y5: Advanced Independent Study

Title:

Advanced Independent ~~Reading Study~~

Description:

This independent ~~reading study~~ course is designed to offer students advanced supervised reading; ~~research and planning for a publishable report~~ on an anthropological topic not covered in other courses, or covered only briefly. Students who wish to pursue this option with a specific faculty member should approach the faculty member early - before the start of the academic term - to negotiate the ~~reading research and study~~ program.

Mode of Delivery:**Previous:**

New: In Class

Rationale:

Renaming this course to match the numbering convention of the 300 level independent study courses. This will allow us to introduce a ANT499 ROP. Not necessary to include exclusions of previous course codes since students are allowed to repeat an independent study course for credit. They are very individual so this will unlikely be an issue. As well, in checking who already took independent study courses in the past, we also check to see if they have already graduated (or will graduate before the fall 2022 term).

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

ANT499H5: Advanced Independent Research

Title:

~~Advanced Independent~~ Research ~~Opportunity Program~~

Description:**Previous:**

This independent research course is designed to offer students advanced supervised research and writing of a publishable report on an anthropological topic not covered in other courses, or covered only briefly . Students who wish to pursue this option with a specific faculty member should approach the faculty member early - before the start of the academic term - to negotiate the research and writing program . < / p>

New:

This course provides senior undergraduate students who have developed some knowledge of a discipline and its research methods an opportunity to work in the research project of a professor in return for course credit . Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. Based on the nature of the project, projects may satisfy the Sciences or Social Sciences distribution requirement. Participating faculty members post their project descriptions for the following summer and fall / winter sessions in early March. See [Experiential and International Opportunities](#) for more details .

Distribution Requirements:

Previous: Science, Social Science

New:**Rationale:**

Changing the name and description to match the numbering conventions of the 300 level ROP courses. Not necessary to include exclusions of previous course codes since students are allowed to repeat an independent study course for credit. They are very individual so this will unlikely be an issue. As well, in checking who already took independent study courses in the past, we also check to see if they have already graduated (or will graduate before the fall 2022 term).

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

ANT499Y5: Advanced Independent Research

Title:

~~Advanced Independent~~ Research **Opportunity Program**

Description:

Previous:

This independent research course is designed to offer students advanced supervised research and writing of a publishable report on an anthropological topic not covered in other courses, or covered only briefly . Students who wish to pursue this option with a specific faculty member should approach the faculty member early - before the start of the academic term - to negotiate the research and writing program . < / p>

New:

This course provides senior undergraduate students who have developed some knowledge of a discipline and its research methods an opportunity to work in the research project of a professor in return for course credit . Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. Based on the nature of the project, projects may satisfy the Sciences or Social Sciences distribution requirement. Participating faculty members post their project descriptions for the following summer and fall / winter sessions in early March. See [Experiential and International Opportunities](#) for more details .

Mode of Delivery:

Previous:

New: In Class

Distribution Requirements:

Previous: Science, Social Science

New:

Rationale:

Introducing a 400-level ROP option. Not necessary to include exclusions of previous course codes since students are allowed to repeat an independent study course for credit. They are very individual so this will unlikely be an issue. As well, in checking who already took independent study courses in the past, we also check to see if they have already graduated (or will graduate before the fall 2022 term).

Consultation:

Consultation with the Anthropology Curriculum Committee members and Chair.

Resources:

4 Minor Program Modifications:

CCIT - Major (Arts)

Description:

Communication, Culture Information & Technology (CCIT) is an undergraduate interdisciplinary major program, the curriculum for which provides students with a foundation in the analysis, evaluation and interpretation of communication and digital media using appropriate methodologies. CCIT provides students the opportunity to design a range of communication media and digital artifacts suitable for collaboration, communication, learning, and exploration. ~~Since the CCIT Major is a joint program with Sheridan College, graduates receive both a Bachelor of Arts degree from the University of Toronto and a Certificate in Digital Communication from Sheridan College.~~

Completion Requirements:

8.0 credits are required including at least 4.0 at the 300/400 level. Program must be taken in combination with another major or two minors.

First Year: (1.0 credit required)

CCT109H5 and CCT110H5

Second Year: (3.0 credits required)

1.
CCT204H5 and CCT208H5 and CCT218H5
2.
0.5 credit from CCT200H5 or CCT206H5 or CCT210H5 or CCT222H5
3.
0.5 credit from CCT205H5 ~~or CCT207H5~~ or CCT212H5 ~~or CCT250H5~~ or CCT260H5
4.
0.5 credit from any 200-level CCT course

Higher Years: (4.0 credits required)

1.
Minimum of ~~4.0~~ **2.0** credits at UTM from any 300/400 level CCT/VCC course, of which ~~0.5 credit must be at the 400 level.~~
2.
~~Minimum of 2.0 credits at Sheridan from any 300/400 level CCT course.~~ 0.5 credit ~~of which~~ must be at the 400 level.

NOTES:

1.
~~Students who do not choose CCT250H5 will need to take 0.5 credit from any 200-level SH course to complete the Sheridan Certificate in Digital Communication requirements)~~

2. 300/400-level CCT courses are restricted to students in CCIT programs only.

3.

It is your responsibility to ensure that the prerequisites for courses listed in the calendar have been met. Students accepted into **without** the CCT major prior to 2022 are still eligible to complete the Sheridan Certificate until 2024 **prerequisites can be removed at any time. No waivers will be granted.**

Description of Proposed Changes:

- 1) Removing CCIT major joint program with Sheridan statement.
- 2) Replacing CCT207H5 and CCT250H5 (Sheridan offering) with CCT260H5 as program elective course.

Rationale:

1) The Sheridan Certificate in Digital Communication and joint program with Sheridan College will no longer be an option for students entering the CCIT Major in 2022 and beyond. The final intake into the UTM/Sheridan joint CCIT Major program was Fall 2021. Therefore, student admitted into the CCIT major in 2022 and beyond will be expected to take all second year and higher program requirements at UTM.

2) CCT207H5 has not been offered in several years. After curriculum review and in response to other changes in CCT courses, a revision of CCT207H5 was put forward as a third-year course (CCT307H5) with greater focus on critical infrastructures. CCT260H5 aligns well with the CCIT stream in web design development.

Impact:

Students are strongly encouraged to complete their Sheridan Certificate in Digital Communication course requirements by end of spring term, 2024. Students needing extra time to complete their degree will be advised on a case-by-case basis for the completion of their degree at UTM.

ICCIT Sheridan Joint Program Migration FAQ is available to our students in the ICCIT website at the following link: <https://www.utm.utoronto.ca/iccit/ccit-major-program-migration-faq>. A copy of the document is attached below under Additional Program Documents.

Consultation:

Discussed and approved by the ICCIT Curriculum Committee September 2021. The ICCIT Director also discussed the changes with the Chair of Visual Culture & Communication program. VCC students must take program required courses that are drawn from ICCIT/Sheridan.

Resource Implications:

None

Digital Enterprise Management - Specialist (Arts)

Enrolment Requirements:

Limited Enrolment: — Enrolment in this program is highly competitive. **Meeting and will be limited as follows (meeting the minimum requirements does not guarantee admission. Minimum requirements include the following):**

1.

A minimum of 4.0 credits completed at U of T

2.

CCT109H5 **Admission is based on academic performance**(with a minimum grade of 65% **CGPA**)

3.

CCT110H5 (with **in** a minimum grade of 65%)

4.

CCT112H5 (with **4.0 credits that must include** a minimum grade of 65%)

NOTES:

1.

Tuition fees for students enrolling in the DEM Specialist Program will be higher than for other Arts ~~each of CCT109H5~~ and Science Programs.

2.

The minimum CGPA ~~CCT110H5~~ and grade (s) required for program entry are determined annually based on demand ~~CCT112H5~~. It is, however, never below the stated minimums above.

3.

All students (including transfer students) must complete 4.0 U of T credits before requesting this program.

4.

Courses ~~completed as with a grade of~~ CR/NCR will not be counted ~~count~~ as a part of the 4.0 credits required for program entry. ~~CCIT sets a minimum required CGPA to be determined annually.~~

•

~~Tuition fees for students enrolling in the DEM Specialist program will be higher than for other Arts and Science programs.~~

Completion Requirements:

13.5 credits are required.

First Year: CCT109H5 and CCT110H5 and CCT112H5

Second Year:

1.

CCT203H5 and CCT206H5 and CCT219H5 and CCT221H5 and CCT224H5 and CCT225H5 and CCT261H5

Higher Years:

1.

CCT321H5 and CCT324H5 and (CCT325H5 or MGD425H5) and CCT354H5 and CCT355H5 and CCT361H5

2.

CCT424H5 and CCT461H5 and MGD421H5 and MGD426H5 and MGD428H5

3.

1.0 credit from CCT401H5 or CCT410H5 or CCT476H5 or MGD415H5 or MGD425H5 or MGD427H5.

4.

2.0 credits of CCT or MGD at the 300- or 400-level. Cannot include any courses already used above.

Notes:

1.

Students cannot combine the Digital Enterprise Management Program with the CCIT Major program, or the Management Major Program or the Commerce Major program.

2.

Students are encouraged ~~It is recommended that students take CCT204H5 and/or CCT210H5 in order to review meet the prerequisite needs of most~~ CCT 300 and 400 level elective courses in advance, and take necessary 200 level CCT courses.

3.

~~It is your responsibility to meet ensure that the prerequisites for courses listed in higher years the Calendar have been met. Students without the prerequisites can be removed at any time.~~

4.

Student who cannot complete CCT219H5, due to exclusion with ECO100Y5 or ECO101H5 or ECO102H5, ~~Waivers~~ will need to take any 0.5 credit from any 200/300-level CCT course or 400-level MGD course in its place ~~not be granted~~.

Description of Proposed Changes:

Enrolment Requirements and Completion Requirements are being updated to reflect 2-year implementation of CCT112H5.

Note is being updated to inform students of CCT219H5 program required course and its exclusion to ECO100Y5.

Note is updated to encourage students to complete prerequisites prior to taking courses in higher years.

Rationale:

The note provides clarity on program completion requirements for students who cannot complete CCT219H5 due to its exclusion with ECO100Y5, ECO101H5 and ECO102H5.

The prerequisite note will help students to develop their academic plan prior to taking courses.

Consultation:

Discussed and approved by the ICCIT Curriculum Committee March 19, 2021 and September 2021.

Resource Implications:

None

Professional Writing and Communication - Major (Arts)**Enrolment Requirements:**

Limited Enrolment — Enrolment in this program is limited. 4.0 credits are required, including the following:

1. CCT109H5 (with a minimum grade of 65%);
2. CCT110H5 (with a minimum grade of 65%);
3. WRI173H5 (with a minimum grade of 65%); and
4. A minimum CGPA (see note below).

NOTES:

1. The minimum CGPA and grade (s) required for program entry are determined annually based on demand. It is, however, never below the stated minimums above.
2. All students (including transfer students) must complete 4.0 **U of T Uoff** credits before requesting this program.
3. Courses completed as CR/NCR will not be counted as part of the 4.0 credits required for program entry.

Completion Requirements:

8.0 credits are required.

First Year:

1. CCT109H5
2. CCT110H5
3. WRI173H5 or WRI203H5

Second Year:

1. WRI273H5 or WRI292H5

2.
0.5 credit from any 200-level WRI course

Higher Years:

5.5 credits from any of 300 or 400 level WRI courses, including the options of CCT417H5 or CCT454H5. at least 0.5 credit must be at the 400-level.

Description of Proposed Changes:

Including CCT454 (Documentary Practices) and CCT417 (Alternative Media) as possible courses to complete program requirements.

Rationale:

CCT454H5 Documentary Practices. This course explores the form and practice of documentary. Objectivity, ethics, censorship, representation, reflexivity, responsibility to the audience and authorial voice will be examined. Students will engage in practical engagement with documentary forms including the expanded field of documentary using tools such as photography, audio, video, 360 video, VR and new technologies.

CCT417H5 Alternative Media. This course examines the history, politics and aesthetics of a range of alternative, underground and radical media, as well as their relation to mainstream media. Students will study and experiment with a range of alternative media, including zines, graffiti, hacking, and culture jamming, for example. Students will gain hands-on experience in the creation of alternative media.

Consultation:

Discussed and approved by ICCIT Curriculum Committee September 2021.

Resource Implications:

None

Technology, Coding & Society - Major (Arts)

Enrolment Requirements:

Limited Enrolment — Admission is based on academic performance(CGPA)in a minimum of 4.0 credits that must include a minimum grade of 65% in each of CCT109H5, CCT110H5 and CCT111H5. Enrolment in this program is determined annually and is limited to students who have a CGPA of at least 2.4. Tuition fees for students enrolling in any CCIT Specialist/Major programs will be higher than for other Arts and Science programs.

Description of Proposed Changes:

Updating enrolment requirements to include minimum grade of 65% in each the 1st year courses.

Rationale:

Largely to align the enrolment requirements in all ICCIT programs.

Consultation:

Approved by the ICCIT Curriculum Committee September 2021.

Resource Implications:

2 New Courses:

CCT317H5: Creative and Experimental Coding

Contact Hours:

Lecture: 24 / Practical: 12

Description:

This course will instruct students in the use of programming languages such as Python or Processing for novel applications, including cases from animation, design, and information visualization. Appropriate use of code libraries, platforms and programming techniques will be developed. Assessment will be based on both programming and the expressive use of programs in their case context.

Prerequisites:

CCT211H5

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

Students are interested in more upper-level programming courses, and this would help to provide further foundational development in support of CCT416H5 Social Data Analytics and CCT482H5 Interactive Electronic Design.

Consultation:

Consulted with the Computer Science program. Approved by ICCIT Curriculum Committee September 2021.

Resources:

Resource implication form was submitted.

WRI293H5: Introduction to Technical Communication

Contact Hours:

Lecture: 24

Description:

Introduction to Technical Communication serves as an introduction to the academic and professional fields of technical writing and communication. It explores strategies for analyzing organizational contexts, including professional audiences, professional purposes for writing, and organizational cultures. Assignments will build skills in technical writing, document design, documentation, accessibility, and ethical considerations for communication in professional settings.

Prerequisites:

WRI173H5 or WRI203H5

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

In the “Age of Information,” the field of technical writing and technical communication is growing and will continue to do so. The Professional Writing and Communication program’s strong basis in narrative-oriented instruction has enormous potential for developing students into empathetic and ethical technical communicators. As of yet, the program lacks explicit curriculum to introduce students to the field of technical writing. Including technical writing in the PWC curriculum will also help to strengthen curricular affinity among PWC, CCT, DEM, and TCS tracks, as students in more technical fields may be attracted to writing and narrative methods related to corporate life, computer science and engineering, and related enterprises. Finally, a 200-level course in technical writing makes sense in terms of curriculum mapping. Having taken this course, students will be better prepared to succeed in WRI 307H5: Science and Writing, WRI 363H5: Communicating in a World of Big Data, and WRI 360H5: Academic Science Communication.

Consultation:

Discussed and approved by ICCIT Curriculum Committee September 2021.

Resources:

Resource Implication form submitted.

42 Course Modifications:

CCT205H5: Digital Innovation and Cultural Transformation

Description:**Previous:**

An examination of the problems caused by the introduction of digital and computing technologies to modern culture . Topics range from the social and cultural outcomes of media convergence; effects of the digital revolution in communications technologies; the impact of miniaturization on the application of computing technologies; the relevance of virtual environments; the interplay between pre-industrial, industrial and information cultures . </ p>

New:

This course examines a range of theoretical perspectives and worldviews that assess the cultural and social changes brought about by modern technology . These perspectives will be used to analyze the potential problems initiated by the introduction of digital and computing technologies to various contexts. Possible topics include: cybernetics; media convergence; artificial intelligence / life; smart technology; digital environmentalism and digital warfare .

Rationale:

We are updating the course description to align with the curriculum mapping of our new Technology, Coding and Society major program.

Consultation:

Discussed and approved by ICCIT Curriculum Committee September 2021.

Resources:

None

CCT219H5: Media Economics I

Enrolment Limits:

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:**Rationale:**

We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

CCT221H5: Digital Marketing I

Impact on Programs:

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

Title:

Digital Marketing I (DEM)

Prerequisites:

CCT109H5 and CCT110H5 and CCT112H5

Exclusions:

CCT322H5 or MGT252H5 or MGT352H5

Enrolment Limits:

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

1) Added CCT322H5 as an exclusion.

2) We are updating the prerequisites to include CCT112H5. This course is replacing MGM101 and MGM102 for the DEM specialist program.

Consultation:

Approved by ICCIT Curriculum Committee October 2021.

Resources:

CCT224H5: Organizational Studies I

Enrolment Limits:

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

CCT225H5: Information Systems

Exclusions:

~~CCT325H5~~ or MGM371H5 or MGT371H5 or RSM327H1 or MGAC70H3

Enrolment Limits:

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

1) We are removing CCT325H5 from the list of exclusions. The CCT225H5 and CCT325H content and title are not similar

2) We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by the ICCIT Curriculum Committee September 2021.

Resources:

CCT226H5: Data Analysis I

Prerequisites:

CCT109H5 and CCT110H5 and ~~MGM101H5~~ and CCT112H5 ~~MGM102H5~~

Enrolment Limits:

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

1) We are updating the prerequisites to include CCT112H5.

2

Consultation:

Approved by ICCIT Curriculum Committee.

Resources:

CCT261H5: Speculative Design I**Enrolment Limits:**

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

CCT321H5: Introduction to Finance**Enrolment Limits:**

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

CCT324H5: Organizational Studies II**Enrolment Limits:**

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

CCT325H5: Media Economics II**Enrolment Limits:**

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Resources:

CCT354H5: Digital Marketing II**Enrolment Limits:**

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

CCT355H5: Critical Approaches to Innovation**Enrolment Limits:**

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

CCT361H5: Speculative Design II**Enrolment Limits:**

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

CCT373H5: Career Planning and Development

Description:**Previous:**

In this course, students will learn about various challenges that new graduates, future managers, and future executives will face in the workplace . Students will use past workplace experiences to reflect on, and critically examine the theoretical and practical strategies that will help them develop as autonomous decision makers, and learn to evaluate and articulate their strengths in preparation for post-graduation careers . < / p>

New:

The transition from university studies to professional settings necessitates the articulation of how acquired skill sets, education, professional contacts, supporting resources, and related experiences connect to and influence career trajectories . To facilitate agility in navigating the ever-shifting global economy, within and outside of the classroom students are provided with a mixture of structured, self-directed, independent, and team activities that aid in the development and refinement of professional identities, community networks, communication approaches, and problem solving skills . < / p>

Exclusions:

Previous: CCT473H5

New:**Rationale:**

- 1) We are updating the course description to reflect the content of the course.
- 2) We are removing CCT473H as exclusion. The course descriptions are no longer the same.

Consultation:

Approved by the ICCIT Curriculum Committee September 2021.

Resources:

CCT382H5: Prototyping Digital Games

Contact Hours:

Previous: *Lecture:* 24

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

Prerequisites:

(CCT211H5 or CCT285H5) and CCT270H5 ~~CCT218H5~~

Rationale:

We are updating the prerequisites. CCT285H5 instructs students in relevant multimedia & programming skills so this course should be included rather than CCT218H5 which is unrelated in content, while CCT270H5 represents the fundamental conceptual ideas that will be relied on in this course.

We are adding 12 practicals. CCT382 provides practical skill-oriented instruction on creating digital media, particularly games and their prototypes. The related skills justify the inclusion of an extra hour of session per week. This will help to demonstrate that we have a skill-oriented and theory-oriented stream of games courses as each level (2nd, 3rd, 4th year).

Consultation:

Discussed and approved by ICCIT Curriculum Committee September 2021.

Resources:

The instructor would be happy to deliver the whole 3-hour class in an active classroom, but this sets the groundwork for some extra instructional time and possibly TA hours.

Financial and Resource Implications form submitted.

CCT401H5: Advanced Thesis Course

Prerequisites:

Previous: A minimum of 13.0 university credits including CCT203H5 and a CGPA of 2.5.

New: CCT203H5 or CCT208H5

Enrolment Limits:

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

1) We are updating the prerequisites. The course is one of the 4th year choices to complete the DEM specialist program, therefore a CGPA is not required for enrolment.

2) We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

CCT419H5: User Experience Design - UXD and Board Games

Prerequisites:

A minimum of 8.0 **university** credits including CCT210H5 or CCT218H5 or **CCT270H5** or CCT380H5 or CCT382H5.

Rationale:

We are updating the prerequisites. The alternative prerequisites (CCT270) is intended to include CCT419 in the games stream.

Consultation:

Discussed and approved by ICCIT Curriculum Committee September 2021.

Resources:

None.

CCT424H5: Organizational Studies III

Enrolment Limits:

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

CCT461H5: Speculative Design III

Enrolment Limits:

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

CCT472H5: Media Archaeology

Prerequisites:

A minimum of 13.0 ~~university~~ credits and 2.3 CGPA ~~including CCT218H5~~

Rationale:

We are updating the prerequisites. While the course is offered through CCIT stream, we expect students from other streams and disciplines to be interested as well, since it offers the opportunity to satisfy breadth requirements.

Consultation:

Discussed and approved by the ICCIT Curriculum Committee September 2021.

Resources:

None

CCT475H5: Integrated Learning in Digital Media, Communication, and Technology

Contact Hours:

Previous: *Lecture:* 24

New: *Seminar:* 12

Description:

This capstone project course requires students to reflect on the experiences they gained during their two work placements connected with the Professional Experience Certificate in Digital Media, Communication, and Technology, and develop a comprehensive case study that integrates theories learning within their ICCIT studies with workplace applications. **Students will be required to participate in one-on-one consultations with the course instructor between weekly group seminars. Consultations are approximately one hour per week for a total of 12 hours (in addition to the scheduled group seminars).**

~~{24L}~~

Rationale:

Changing contact hours from lecture to seminar. This course should be based on an Independent thesis course and seminars align best with the content .

Consultation:

Approved by ICCIT Curriculum Committee, September 2021.

Resources:

None

CCT485H5: User Experience Design - Qualitative Methods

New Course Code:

CCT477H5

Title:

UX ~~User Experience~~ Design - Understanding Users ~~Qualitative Methods~~

Description:

The focus of the course is on understanding the experiences of users and their communities as affected by their interaction with digital technologies in information-centric societies. Students will learn the theoretical framework and practical aspects of ~~advances user-centered~~ ~~advanced user-centred~~ design principles (such as participatory design and techno-centric ethnographies). This course ~~represents~~ ~~will represent~~ an opportunity for students to enrich their understanding of the deep interconnections between human factors, human needs, interactive technologies, information, as projected on several dimensions: cultural, societal, ergonomic, and economic.

Prerequisites:

Previous: A minimum of 13.0 university credits including CCT380H5

New: CCT380H5

Exclusions:

Previous:

New: CCT485H5

Rationale:

- i. We are updating the course title and re-numbering it from CCT485H5 to CCT477H5. This title accurately reflects the course description and re-numbering prevents confusion among students.
- ii. We are updating the course description. This description introduces students to methods that are applied to early stages of UI design.
- iii. We are updating the prerequisites. Having CCT380H5 as a prerequisite is sufficient with respect to ensuring students can handle the course curriculum.

Consultation:

Follow-up from May curriculum review session.

Resources:

CCT480H5: User Experience Design - Quantitative Methods

New Course Code:

CCT478H5

Title:

UX ~~User Experience~~ Design - Prototyping and Evaluation ~~Quantitative Methods~~

Prerequisites:

Previous: A minimum of 13.0 university credits including CCT380H5

New: CCT380H5

Exclusions:

Previous:

New: CCT480H5

Rationale:

- i. We are updating the course title and re-numbering i from CCT480H5 to CCT478H5. This title accurately reflects the course content and re-numbering prevents confusion among students.
- ii. We are updating the course description. This description introduces students to methods that are applied to late stages of UI design.
- iii. We are updating the prerequisites. Having CCT380H5 as a prerequisite is sufficient with respect to ensuring students can handle the course curriculum.

Consultation:

Follow-up from May curriculum review session.

Resources:

CCT483H5: Play, Performance and Community in Digital Games**Prerequisites:**

A minimum of 13.0 credits, including CCT270H5. ~~university credits.~~

Rationale:

We are updating the prerequisites to clarify the games stream and position CCT270 as the entry point conceptually.

Consultation:

Discussed and approved by the ICCIT Curriculum Committee September 2021.

Resources:

None

MGD415H5: E-Business Strategies**Enrolment Limits:**

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

MGD420H5: Global Digital Industries**Enrolment Limits:**

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

MGD421H5: Technological Entrepreneurship

Enrolment Limits:

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

MGD426H5: Enterprise Risk Management

Enrolment Limits:

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

MGD427H5: Advanced Legal Issues

Exclusions:

~~JGM291H5~~ or MGM390H5 or MGM393H5 or MGM394H5 or MGM423H5 or MGM429H5

Enrolment Limits:

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

- 1) We are deleting JGM291H5 as an exclusion. We are not familiar with the course designator.
- 2) We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

MGD428H5: Project Management

Prerequisites:

Previous: CCT112H5 and (CCT324H5 or MGT262H5) and (CCT225H5 or MGT371H5)

New: 8.0 credits, including CCT112H5

Enrolment Limits:

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

1) We are updating the prerequisites. The study of project management is useful in various domains and the current prerequisites are arguably too restrictive and unnecessary given the topic and the approach to the topic of project management.

2) We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Discussed and approved by the ICCIT Curriculum Committee September 2021.

Resources:

None

MGD429H5: Data Analysis II

Enrolment Limits:

Previous: Priority is given to students in the Digital Enterprise Management Program followed by other CCIT programs.

New:

Rationale:

We are removing the enrolment limits statement. To indicate enrolment limits and ensure clarity for students, we will add enrolment controls on the timetable.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

WRI225H5: Community and Writing

Prerequisites:

Previous: CCT109H5 and CCT110H5 and (WRI173H5 or WRI203H5) . Note:students in the minor program are not required to complete the CCT courses.

New: WRI173H5 or WRI203H5

Rationale:

Updating prerequisites to accommodate students in the PWC Minor program who are not required to complete CCT109 and CCT110.

Consultation:

Discussed and approved by ICCIT Curriculum Committee September 2021.

Resources:

WRI227H5: Social Media and Content Creation

Impact on Programs:

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

Prerequisites:

~~CCT109H5 and CCT110H5 and~~ (WRI173H5 or WRI203H5)

Rationale:

Updating prerequisites to accommodate students in the PWC Minor program who are not required to complete CCT109 and CCT110.

Consultation:

Discussed and approved by the ICCIT Curriculum Committee September 2021.

Resources:

WRI273H5: Specialized Prose

Impact on Programs:

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

Prerequisites:

~~CCT109H5 and CCT110H5 and~~ (WRI173H5 or WRI203H5)

Rationale:

Updating prerequisites to accommodate students in the PWC Minor program who are not required to complete CCT109 and CCT110.

Consultation:

Discussed and approved by ICCIT Curriculum Committee September 2021.

Resources:

WRI378H5: Introduction to Journalism

New Course Code:

WRI291H5

Prerequisites:

Previous: 1.0 WRI credit

New: WRI173H5 or WRI203H5

Exclusions:

Previous:

New: WRI378H5

Rationale:

We are renumbering this course to WRI291H5. As an introduction to the topic , this course is better situated in the second year.

Consultation:

Approved by ICCIT Curriculum Committee September 2021.

Resources:

None

WRI292H5: Narrative Inquiry

Impact on Programs:

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

Prerequisites:

~~CCT109H5 and CCT110H5 and~~ (WRI173H5 or WRI203H5)

Rationale:

Updating prerequisites to accommodate students in the PWC Minor program who are not required to complete CCT109 and CCT110.

Consultation:

Discussed and approved by ICCIT Curriculum Committee September 2021.

Resources:

WRI306H5: Writing for the Academic

Prerequisites:

Previous: WRI173H5 or approval from the PWC program director.

New: Completion of 8.0 credits with a minimum CGPA of 2.0

Rationale:

Updating prerequisites. The course offers UTM students from the across the disciplines the opportunity to master the craft of research-based writing in science, history, finance, environmental and data science communication. Our rationale also aligns with UTM's Writing Development Initiative and Foundational Writing Skills program's call to integrate writing into curricula beyond the humanities. Making this upper-level course in field-specific writing skills available to students across campus is a move that helps to extend that writing intensive experience later in the undergraduate career. The opening of this course will be accompanied by a drive to advertise them across campus and encourage students to enrich their credentials with field-specific writing and communication skills.

Consultation:

Approved by PWC/ICCIT Curriculum Committee October 2021.

Resources:

WRI307H5: Writing about Science

Prerequisites:

Previous: WRI173H5 or WRI203H5

New: Completion of 8.0 credits with a minimumCGPA of 2.0

Rationale:

Updating prerequisites. The course offers UTM students from the across the disciplines the opportunity to master the craft of research-based writing in science, history, finance, environmental and data science communication. Our rationale also aligns with UTM's Writing Development Initiative and Foundational Writing Skills program's call to integrate writing into curricula beyond the humanities. Making this upper-level course in field-specific writing skills available to students across campus is a move that helps to extend that writing intensive experience later in the undergraduate career. The opening of this course will be accompanied by a drive to advertise them across campus and encourage students to enrich their credentials with field-specific writing and communication skills.

Consultation:

Resources:

None

WRI320H5: History and Writing

Prerequisites:

Previous: WRI292H5 or WRI273H5

New: Completion of 8.0 credits with a minimum CGPA of 2.0

Rationale:

Course Experience Tagging. Performance and Artistic Productions - Students demonstrate principles of economy, detail, directness and voice in their writing. They assemble and prepare a manuscript for consideration for publication. This course experience is a major component to be completed by all students each time the course is offered.

Updating prerequisites. The course offers UTM students from the across the disciplines the opportunity to master the craft of research-based writing in science, history, finance, environmental and data science communication. Our rationale also aligns with UTM's Writing Development Initiative and Foundational Writing Skills program's call to integrate writing into curricula beyond the humanities. Making this upper-level course in field-specific writing skills available to students across campus is a move that helps to extend that writing intensive experience later in the undergraduate career. The opening of this course will be accompanied by a drive to advertise them across campus and encourage students to enrich their credentials with field-specific writing and communication skills.

Consultation:

Approved by PWC/ICCIT Curriculum Committee October 2021.

Resources:

WRI360H5: Finance and Writing

Prerequisites:

Previous: WRI292H5 or WRI273H5 or Permission of the PWC Program Director.

New: Completion of 8.0 credits with a minimum CGPA of 2.0

Rationale:

Updating prerequisites. The course offers UTM students from the across the disciplines the opportunity to master the craft of research-based writing in science, history, finance, environmental and data science communication. Our rationale also aligns with UTM's Writing Development Initiative and Foundational Writing Skills program's call to integrate writing into curricula beyond the humanities. Making this upper-level course in field-specific writing skills available to students across campus is a move that helps to extend that writing intensive experience later in the undergraduate career. The opening of this course will be accompanied by a drive to advertise them across campus and encourage students to enrich their credentials with field-specific writing and communication skills.

Consultation:

Approved by PWC/ICCIT Curriculum Committee October 2021.

Resources:

WRI363H5: Communicating in a World of Data

Prerequisites:

Previous: WRI292H5 or WRI273H5

New: Completion of 8.0 credits with a minimum CGPA of 2.0

Rationale:

Updating prerequisites. The course offers UTM students from the across the disciplines the opportunity to master the craft of research-based writing in science, history, finance, environmental and data science communication. Our rationale also aligns with UTM's Writing Development Initiative and Foundational Writing Skills program's call to integrate writing into curricula beyond the humanities. Making this upper-level course in field-specific writing skills available to students across campus is a move that helps to extend that writing intensive experience later in the undergraduate career. The opening of this course will be accompanied by a drive to advertise them across campus and encourage students to enrich their credentials with field-specific writing and communication skills.

Consultation:

Approved by PWC/ICCIT Curriculum Committee October 2021.

Resources:

WRI375H5: Writing about Environment and Ecology**Prerequisites:**

Previous: WRI292H5 or WRI273H5

New: Completion of 8.0 credits with a minimum CGPA of 2.0

Rationale:

Updating prerequisites. The course offers UTM students from the across the disciplines the opportunity to master the craft of research-based writing in science, history, finance, environmental and data science communication. Our rationale also aligns with UTM's Writing Development Initiative and Foundational Writing Skills program's call to integrate writing into curricula beyond the humanities. Making this upper-level course in field-specific writing skills available to students across campus is a move that helps to extend that writing intensive experience later in the undergraduate career. The opening of this course will be accompanied by a drive to advertise them across campus and encourage students to enrich their credentials with field-specific writing and communication skills.

Consultation:

Approved by PWC/ICCIT Curriculum Committee October 2021.

Resources:

2 New Courses:

ECO320H5: Economic Analysis of Law: Part 1

Contact Hours:

Lecture: 24

Description:

This course examines the economic basis for law and legal institutions. The topics covered include the microeconomic analysis of property rights, contract law, tort law, crime, and the limitations of economic analysis. The appropriate economic measures of damages in tort and contract cases will be discussed. No previous familiarity with the law is assumed. (This is an economic analysis of legal issues, not a course in law.)

Prerequisites:

ECO200Y5 or ECO204Y5 or ECO206Y5

Corequisites:

Exclusions:

ECO320Y5 or ECO320H1

Recommended Preparation:

Rationale:

ECO320Y5 is being split into two H courses: ECO320H5 and ECO321H5.

Resources:

ECO321H5: Economic Analysis of Law: Part 2

Contact Hours:

Lecture: 24

Description:

This course is a continuation of ECO320H5 An Economic Analysis of Law: Part 1. The topics covered include the microeconomic analysis of corporate law, law and financial markets, bankruptcy law, intellectual property law, marriage and divorce law and the choice between regulation and the common law.

Prerequisites:

ECO320H5

Corequisites:

Exclusions:

ECO320Y5

Recommended Preparation:

Rationale:

Second half of split course from ECO320Y5: ECO320H5 + ECO321H5.

Resources:

None

9 Course Modifications:

ECO200Y5: Microeconomic Theory

Exclusions:

ECO204Y5 or ECO205Y5 or ECO206Y5 or ECO200Y1 or ECO204Y1 or ECO206Y1

Rationale:

Added STG course exclusions, on recommendation of UTM Registrar

Resources:

ECO202Y5: Macroeconomic Theory and Policy

Exclusions:

ECO208Y5 or ECO209Y5 or ECO202Y1 or ECO208Y1 or ECO209Y1

Rationale:

Added STG course exclusions, on recommendation of UTM Registrar

Resources:

ECO206Y5: Microeconomic Theory

Prerequisites:

[(ECO101H5 (70%) and ECO102H5 (70%)) or ECO100Y5 (70%)] and [MAT133Y5 (80%) or MAT135Y5 (63%) or (MAT135H5 (63%) and MAT136H5 (63%)) or MAT137Y5 (60%)]

Exclusions:

ECO200Y5 or ECO204Y5 or ECO205Y5 or ECO200Y1 or ECO204Y1 or ECO206Y1

Rationale:

Added STG course exclusions, on recommendation of UTM Registrar

Resources:

ECO208Y5: Macroeconomic Theory

Prerequisites:

[(ECO101H5 (70%) and ECO102H5 (70%)) or ECO100Y5 (70%)] and [MAT133Y5 (80%) or (MAT135H5 (63%) and MAT136H5 (63%)) or MAT135Y5 (63%) or MAT137Y5 (60%)]

Exclusions:

ECO202Y5 or ECO209Y5 or ECO202Y1 or ECO208Y1 or ECO209Y1

Rationale:

Added STG course exclusions, on recommendation of UTM Registrar

Resources:

ECO209Y5: Macroeconomic Theory and Policy (for Commerce)

Exclusions:

ECO202Y5 or ECO208Y5 or ECO202Y1 or ECO208Y1 or ECO209Y1

Rationale:

Added STG course exclusions, on recommendation of UTM Registrar

Resources:

ECO220Y5: Introduction to Data Analysis and Applied Econometrics

Prerequisites:

[(ECO101H5 (63%) and ECO102H5 (63%)) or ECO100Y5 (63%)] and [MAT133Y5 (63%) or (MAT135H5 and MAT136H5) or MAT135Y5 or MAT137Y5]

Exclusions:

ECO220Y1 or BIO360H5 or BIO361H5 or (MAT123H1 and MAT124H1) or (PSY201H5 and PSY202H5) or (1.0 credit from: STA218H5 or ~~and~~ STA220H5 or ~~and~~ STA221H5 or ~~and~~ STA256H5 or ~~and~~ STA258H5 or ~~and~~ STA260H5)

Rationale:

Added STG course exclusions, on recommendation of UTM Registrar.
Corrected brackets in prerequisites.

Resources:

ECO227Y5: Foundations of Econometrics

Prerequisites:

[(ECO101H5 (70%) and ECO102H5 (70%)) or ECO100Y5 (70%)] and [MAT133Y5 (80%) or (MAT135H5 (63%) and MAT136H5 (63%)) or MAT135Y5 (63%) or MAT137Y5 (60%)]

Exclusions:

ECO227Y1 or BIO360H5 or BIO361H5 or (PSY201H5 and PSY202H5) or SOC350H5 or SOC351H5 or (1.0 credit from STA218H5 or STA220H5 or STA221H5 or STA256H5 or STA258H5 or STA260H5 or STA255H1)

Rationale:

Added STG course exclusions, on recommendation of UTM Registrar.
Corrected brackets in prerequisites.

Resources:

ECO433H5: Family Economics

Title:

Gender and Family Economics

Description:

In this course, ~~Introduces~~ students will examine gender and ~~to the study of~~ the family within ~~the~~ modern economics. Topics include: ~~market production vs. home production~~; gender wage differentials in labour markets; ~~labour force participation~~; ~~monogamy, polygamy and~~ marriage markets; ~~intimate partner violence~~; ~~non-altruistic behaviour within families~~; fertility and the

demand for children; divorce; and the life cycle of the family. Concepts are applied to current topics within the development and labour literatures.

Rationale:

Title and description updated to reflect current practice

Consultation:

Eco Dept Curriculum Committee

Resources:

None

ECO466H5: Empirical Macroeconomics and Policy

Contact Hours:

Previous:

New: *Lecture:* 24

Description:

Students will increase their data literacy and learn how to apply techniques to address policy issues. The topics covered will include the practical design of monetary policy, the rationale for ~~of~~ current monetary policy in Canada, and statistical methods for predicting key macroeconomic variables. As part of the course, students will follow current global issues and will forecast how ~~the~~ domestic and international events may alter the Bank of Canada's monetary policy in the short run. **Students will team-up with their classmates** ~~This course builds on material covered in ECO202Y5/ECO208Y5/ECO209Y5~~, discuss their individual forecasts, **ECO325H5** and select one for a group presentation. Traditionally, at the end of the course, a team from ECO466H5 is chosen to compete in the Bank of Canada Governor's Challenge.

Prerequisites:

ECO325H5 and [~~ECO220Y5 or ECO227Y5 or~~(1.0 credit from STA256H5, STA258H5, STA260H5)] **or Permission of Instructor/Department.-**

Rationale:

Abbreviated title corrected.

Course description updated.

"Permission of Instructor/Department" added to prerequisites.

Resources:

None.

5 Retired Courses:

ECO320Y5: An Economic Analysis of Law

Rationale:

This course is being split into two H courses (ECO320H5 and ECO321H5).

ECO323Y5: Canadian Economic History

Rationale:

Last offering was 2013-14; course is not planned for future offering. Faculty member who taught this course is no longer with Econ Department.

ECO434H5: Forecasting Methods in Macroeconomics & Finance

Rationale:

Last offering was Fall 2013; course is not planned for future offering. Faculty member who taught this course is no longer with Econ Department.

ECO439H5: The Economics of Cities & Regions: Productivity, Technology & Jobs

Rationale:

This course was changed from Y to H. The H course was never offered.

Last offering of Y course was 2016-17; course is not planned for future offering. Faculty member who taught this course is no longer with Econ Department.

ECO463H5: Financial Market Microstructure

Rationale:

Last offering was Fall 2015; course is not planned for future offering. Faculty member who taught this course is no longer with Econ Department.

2 Course Modifications:

ENV205H5: Sustainable Tourism

New Course Code:

ENV305H5

Exclusions:

GGR356H1 and ENV205H5

Rationale:

ENV205 is a fairly specialized course and should be a 300 level course. The material could be taught at a more sophisticated level preparing students with a stronger understanding of the impacts that tourism has on the natural environment, society, and local economies.

Resources:

GGR382H5: Digital Mapping and Principles of Cartography

Exclusions:

GGR272H5; ~~GGR272H1~~

Recommended Preparation:

GGR276H5 and; STA256H5

Rationale:

GGR272H1 from St. George is not an equivalent to GGR382H5.

Resources:

none

3 Retired Courses:

ENV351H5: Environmental Issues in the Developing World

Rationale:

This course was re-numbered JEP351H5.

GGR378H5: Natural Hazards: Risks and Vulnerability

Rationale:

GGR378H5 was replaced with JGE378H5 in 2014.

HHS200H5: Methodological Perspectives on the Biological and Social Determinants of Health

Rationale:

This course was supposed to be part of a collaborative program in health but we could not get all of the departments to agree/come on board.

8 Minor Program Modifications:

Commerce - Major (Arts)

Enrolment Requirements:

Limited Enrolment — Admission to this program is based on the following criteria:

- Completion of at least 4.0 credits
- A final mark of at least 63% in each of the following courses:
 - ~~MGM101H5 and MGT120H5~~
 - (ECO101H5 and ECO102H5) or ECO100Y5
 - ~~MGM101H5 and MGT120H5~~
 - MAT133Y5 ~~or MAT133Y1~~ or MAT135Y5 ~~or MAT137Y5 or MAT157Y5~~ or (MAT135H5 and MAT136H5) or (~~MAT132H5~~ ~~MAT135H1~~ and ~~MAT134H5~~ ~~MAT136H1~~)
- A weighted average of the grades earned in the courses above that meets the program's annual admission cutoff, which is determined annually by the Department of Management. This will vary from year to year and is based on capacity and the applicant pool.

Note:

- Applicants with transfer credits in any of the courses listed above will be assigned a 63% for each applicable transfer credit for program admission. Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead.

Application for admission to the program for all students is made during the Subject POST request periods.

• Please see the full list below for equivalent UTSG and UTSC courses.

Completion Requirements:

This program has a total of 7.5 credits.

First Year (3 credits) :

1. MGM101H5 and MGT120H5

2. (ECO101H5 and ECO102H5) or ECO100Y5
3. MAT133Y5 ~~or MAT133Y4~~ or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT135H5 and MAT136H5) or (MAT132H5 ~~MAT135H4~~ and MAT134H5 ~~MAT136H4~~)

Higher Years (4.5 credits):

1. ECO220Y5 or ECO227Y5 or (STA256H5 and STA258H5) or (STA256H5 and STA260H5)
2. MGT220H5 and MGT223H5 and MGT252H5 and MGT231H5 and MGT232H5
3. 1.0 credit from MGT330H5 and MGT363H5 and MGT371H5 and MGT374H5 and MGT393H5 or any 400 level MGT course.

Description of Proposed Changes:

- 1) Admin changes in the "Enrollment requirements section" to clean up formatting and align with other programs
- 2) Update the "Note" section outlining the list of acceptable equivalents

Rationale:

2) The Department has consulted with several faculty members both within Management and outside to determine an appropriate list of pre-requisites for the Commerce/Management POST. Catherine Seguin (Associate Professor) gave input on accounting equivalents, and Dave Swanston (Lecturer) gave input on management courses. Moreover, Tyler Holden (Assistant Professor Mathematics) was consulted with regard to acceptable MAT equivalents. The department has outlined on the website what prerequisite courses are accepted into the Commerce and Management programs from other UofT campuses. As such, we are finding that because this information is not completely available in the Academic calendar, we must manually go in and accept these courses as part of our admissions process which can be time-consuming. It is recommended to retain this information in the Academic Calendar to maintain consistency as well as optimize the admissions process. We have also included additional UTM courses we deem as prerequisites after completing our discussions. This change will also assist the registrar's office to determine the appropriate equivalent courses

Resource Implications:

Commerce - Specialist (BCom)

Enrolment Requirements:

Limited Enrolment — Admission to this program is based on the following criteria:

- Completion of at least 4.0 credits
- A final mark of at least 63% in each of the following courses:
 - ~~MGM101H5 and MGT120H5 and~~ [(ECO101H5 and ECO102H5) or ECO100Y5
 - ~~MGM101H5}] and MGT120H5~~
 - [~~MAT133Y5 or MAT133Y4~~ or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT135H5 and MAT136H5) or (MAT132H5 ~~MAT135H4~~ and MAT134H5 ~~MAT136H4~~)
 -]
-

A weighted average of the grades earned in the courses above that meets the program's annual admission cutoff, which is determined annually by the Department of Management. This will vary from year to year and is based on capacity and the applicant pool.

Note:

- Applicants with transfer credits in any of the courses listed above will be assigned a 63% for each applicable transfer credit for program admission. Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead.
- Application for admission to the program is made during the Subject POST request periods for all students.

Please see the full list below for equivalent UTSG and UTSC courses

Completion Requirements:

This program leads to the Bachelor of Commerce degree. This program has a total of 13.0 credits.

First Year (3.0 credits) :

- MGM101H5 and MGT120H5; and
- (ECO101H5 and ECO102H5) or ECO100Y5; and
- MAT133Y5 or ~~MAT133Y1~~ or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT135H5 and MAT136H5) or (MAT132H5 ~~MAT135H1~~ and ~~MAT136H1~~ and MAT134H5)

Higher Years:

Management (5.0 credits):

1. MGT220H5 and MGT223H5 and MGT231H5 and MGT232H5
2. 1.0 credit from: MGT300H5 or MGT201H5 or MGT252H5 or MGT260H5 or MGT262H5 or MGT270H5 or MGT353H5 or MGT363H5 or (MGT371H5 or MGT422H5) or MGT374H5 or MGT393H5
3. 1.0 credit in MGT at the 400 level
4. 1.0 credit in MGT at the 200/300/400 level

Economics (5.0 credits):

1. ECO200Y5 or ECO204Y5 or ECO206Y5
2. ECO202Y5 or ECO208Y5 or ECO209Y5
3. ECO220Y5 or ECO227Y5 or (STA256H5 and STA258H5) or (STA256H5 and STA260H5)
- 4.

2.0 credits in ECO at 300/400 level, of which no more than 1.0 credits may be in Economic History

Description of Proposed Changes:

- 1) Admin changes in the "Enrollment requirements section" to clean up formatting and align with other programs
- 2) Update the "Note" section outlining the list of acceptable equivalents

Rationale:

2) The Department has consulted with several faculty members both within Management and outside to determine an appropriate list of pre-requisites for the Commerce/Management POST. Catherine Seguin (Associate Professor) gave input on accounting equivalents, and Dave Swanston (Lecturer) gave input on management courses. Moreover, Tyler Holden (Assistant Professor Mathematics) was consulted with regard to acceptable MAT equivalents. The department has outlined on the website what prerequisite courses are accepted into the Commerce and Management programs from other UofT campuses. As such, we are finding that because this information is not completely available in the Academic calendar, we must manually go in and accept these courses as part of our admissions process which can be time-consuming. It is recommended to retain this information in the Academic Calendar to maintain consistency as well as optimize the admissions process. We have also included additional UTM courses we deem as prerequisites after completing our discussions. This change will also assist the registrar's office to determine the appropriate equivalent courses

Resource Implications:

Commerce: Accounting - Specialist (BCom)

Enrolment Requirements:

Limited Enrolment — Admission to this program is based on the following criteria:

- Completion of at least 4.0 credits
- A final mark of at least 63% in each of the following courses:
 - (ECO101H5 and ECO102H5) or ECO100Y5
 - MGM101H5 and MGT120H5
 - MAT133Y5 ~~or MAT133Y1~~ or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT135H5 and MAT136H5) or (MAT132H5 ~~MAT135H1~~ and ~~MAT134H5~~ ~~MAT136H1~~)
- A weighted average of the grades earned in the courses above that meets the program's annual admission cutoff, which is determined annually by the Department of Management. This will vary from year to year and is based on capacity and the applicant pool.

Note:

- Applicants with transfer credits in any of the courses listed above will be assigned a 63% for each applicable transfer credit for program admission. Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead.

- Application for admission to the program is made during the Subject POST request periods for all students.

Please see the full list below for equivalent UTSG and UTSC courses.

Completion Requirements:

This program leads to the Bachelor of Commerce degree. This program has a total of 17.5 credits.

First Year (3.0 credits):

1. MGM101H5 and MGT120H5
2. (ECO101H5 and ECO102H5) or ECO100Y5
3. MAT133Y5 ~~or MAT133Y4~~ or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT135H5 and MAT136H5) or (MAT132H5 ~~MAT135H4~~ and MAT134H5 ~~MAT136H4~~)

Higher Years :

Management requirements: (10.0 credits)

1. MGT220H5 and MGT223H5 and MGT225H5 and MGT231H5 and MGT232H5 and MGT270H5
2. MGT300H5 and MGT321H5 and MGT323H5 and MGT325H5 and MGT326H5 and MGT393H5
3. MGT420H5 and MGT421H5 and MGT422H5 and MGT423H5 and MGT428H5 and MGT429H5 and MGT437H5
4. 0.5 credit from MGT201H5 or MGT262H5 or MGT324H5

Economics requirements: (4.5 credits)

1. ECO200Y5 or ECO204Y5 or ECO206Y5
2. ECO202Y5 or ECO208Y5 or ECO209Y5
3. ECO220Y5 or ECO227Y5 or (STA256H5 and STA258H5) or (STA256H5 and STA260H5)
4. 1.5 credits in ECO at 300/400 level.

No more than 1.0 credit in Economic History

Description of Proposed Changes:

- 1) Admin changes in the "Enrollment requirements section" to clean up formatting and align with other programs
- 2) Update the "Note" section outlining the list of acceptable equivalents

Rationale:

2) The Department has consulted with several faculty members both within Management and outside to determine an appropriate list of pre-requisites for the Commerce/Management POST. Catherine Seguin (Associate Professor) gave input on accounting equivalents, and Dave Swanston (Lecturer) gave input on management courses. Moreover, Tyler Holden (Assistant Professor Mathematics) was consulted with regard to acceptable MAT equivalents. The department has outlined on the website what prerequisite courses are accepted into the Commerce and Management programs from other UofT campuses. As such, we are finding that because this information is not completely available in the Academic calendar, we must manually go in and accept these courses as part of our admissions process which can be time-consuming. It is recommended to retain this information in the Academic Calendar to maintain consistency as well as optimize the admissions process. We have also included additional UTM

courses we deem as prerequisites after completing our discussions. This change will also assist the registrar's office to determine the appropriate equivalent courses

Resource Implications:

Commerce: Finance - Specialist (BCom)

Enrolment Requirements:

Limited Enrolment :Admission to this program is based on the following criteria:

- Completion of at least 4.0 credits
- A final mark of at least 63% in each of the following courses:
 - MGM101H5 and MGT120H5
 - (ECO101H5 and ECO102H5)or ECO100Y5
 - MAT133Y5 ~~or MAT133Y1~~ or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT135H5 and MAT136H5) or (MAT132H5 ~~MAT135H1~~ and ~~MAT136H1~~ MAT134H5)
- A weighted average of the grades earned in the courses above that meets the program's annual admission cutoff. This is determined annually by the Department of Management and will vary from year to year, based on capacity and applicant pool.

Note:

- Applicants with transfer credits for ~~in~~ any of the courses listed above will be assigned a ~~grade of~~ 63% for each applicable transfer credit for program admission. Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead.
- Application for admission to the program is made during the Subject POST request periods for all students.
- Please see the full list below for equivalent UTSG and UTSC courses.

Completion Requirements:

This program leads to the Bachelor of Commerce degree. This program has a total of 15.5 credits.

First Year: (3.0 credits):

1. MGM101H5 and MGT120H5
2. (ECO101H5 and ECO102H5) or ECO100Y5
3. MAT133Y5 ~~or MAT133Y1~~ or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT135H5 and MAT136H5) or (MAT132H5 ~~MAT135H1~~ and ~~MAT136H1~~ MAT134H5)

Higher Years:

Management (7.5 credits):

1.
MGT201H5 and MGT220H5 and MGT252H5 and MGT262H5
2.
0.5 credit from: MGT223H5 or MGT300H5 or MGT353H5 or MGT363H5 or MGT341H5 or MGT371H5 or MGT373H5 or MGT374H5 or MGT393H5
3.
MGT231H5 and MGT232H5
4.
MGT301H5 and MGT330H5
5.
2.0 credits from: MGT430H5 or MGT431H5 or MGT433H5 or MGT434H5 or MGT435H5 or MGT438H5 or MGT439H5 or MGT440H5 or MGT442H5 or MGT443H5 or MGT444H5 or MGT495H5
6.
0.5 credit in MGT at 300/400 level (cannot double count courses)
7.
0.5 credit in MGT at 400 level (cannot double count courses)

Economics (5.0 credits):

1.
ECO200Y5 or ECO204Y5 or ECO206Y5
2.
ECO202Y5 or ECO208Y5 or ECO209Y5
3.
ECO220Y5 or ECO227Y5 or (STA256H5 and STA258H5) or (STA256H5 and STA260H5)
4.
ECO375H5
5.
1.0 credit from: ECO348H5 or ECO349H5 or ECO352H5 or ECO365H5 or ECO460H5 or ECO461H5 or ECO463H5 or ECO475H5
6.
0.5 credit in ECO at the 300/400-level (cannot double count courses)

Description of Proposed Changes:

- 1) Admin changes in "Enrollment requirements section" to clean up formatting and align with other programs
- 2) Update "Note" section outlining the list of acceptable equivalents
- 3) Final change is an update to the 2.0 credit pool to include MGT450H5

Rationale:

- 2) The Department has consulted with several faculty members both within Management and outside to determine an appropriate list of pre-requisites for the Commerce/Management POST. Catherine Seguin (Associate Professor) gave input on accounting equivalents, and Dave Swanston (Lecturer) gave input on management courses. Moreover, Tyler Holden (Assistant Professor Mathematics) was consulted with regard to acceptable MAT equivalents. The department has outlined on the website what prerequisite courses are accepted into the Commerce and Management programs from other UofT campuses. As such, we are finding that because this information is not completely available in the Academic calendar, we must manually go in and accept these courses as part of our admissions process which can be time-consuming. It is recommended to retain this information in the Academic Calendar to maintain consistency as well as optimize the admissions process. We have also included additional UTM courses we deem as prerequisites after completing our discussions. This change will also assist the registrar's office to determine the appropriate equivalent courses
- 3) As noted in our MGT495H5 course proposal, the marketing students feel there isn't a sufficient pool of courses for their elective bucket, as such we have introduced a new course for them to take

Resource Implications:

Commerce: Marketing - Specialist (BCom)

Enrolment Requirements:

Limited Enrolment — Admission to this program is based on the following criteria:

- Completion of at least 4.0 credits
- A final mark of at least 63% in each of the following courses:
 - MGM101H5 and MGT120H5
 - (ECO101H5 and ECO102H5) or ECO100Y5
 - (~~MAT133Y5~~ or ~~MAT133Y1~~ or MAT135Y5 or MAT137Y5 or MAT157Y5) or (MAT135H5 and MAT136H5) or (MAT132H5 ~~MAT135H1~~ and MAT134H5 ~~MAT136H1~~)
- A weighted average of the grades earned in the courses above that meets the program's annual admission cutoff, which is determined annually by the Department of Management. This will vary from year to year and is based on capacity and the applicant pool.

Note:

- Applicants with transfer credits for any of the courses listed above will be assigned a 63% for each applicable transfer credit for program admission. Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead.

- Application for admission to the program is made during the Subject POSt request periods for all students.

Please see the full list below for equivalent UTSG and UTSC courses

Completion Requirements:

This program leads to the Bachelor of Commerce degree. This program has a total of 15.5 credits.

First Year (3.0 credits) :

1. MGM101H5 and MGT120H5
2. (ECO101H5 and ECO102H5) or ECO100Y5
3. MAT133Y5 or ~~MAT133Y1~~ or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT135H5 and MAT136H5) or (MAT132H5 ~~MAT135H1~~ and MAT134H5 ~~MAT136H1~~)

Higher Years:

Management: (7.5 credits)

1. MGT220H5 and MGT223H5 and MGT252H5
2. MGT231H5 and MGT232H5 and MGT353H5 and MGT452H5 and MGT453H5 and MGT455H5
3. 1.0 credit from: MGT262H5 or MGT363H5 or MGT371H5 or MGT374H5 or MGT393H5
4. 2.0 credits from: MGT354H5 or MGT355H5 or MGT450H5 or MGT456H5 or MGT457H5 or MGT458H5 or CCT260H5*or CCT302H5*or CCT356H5*or CCT456H5*or GGR252H5

*Note: It is recommended that students interested in pursuing the marketing stream consider completing CCT109H5 and CCT110H5 to ensure access to some upper year CCT courses. Students have the option to select some CCT courses to fulfill elective requirements in which prerequisites are strictly enforced.

Economics: (5.0 credits)

1. ECO200Y5 or ECO204Y5 or ECO206Y5
2. ECO202Y5 or ECO208Y5 or ECO209Y5
3. ECO220Y5 or ECO227Y5 or (STA256H5 and STA258H5) or (STA256H5 and STA260H5)
4. 2.0 credits in ECO at 300/400 level

No more than 1.0 Economic History credit

Description of Proposed Changes:

- 1) First change is in the "Note" section outlining the list of acceptable equivalents
- 2) Second change is an update to the 2.0 credit pool for MGT450H5

Rationale:

1) The Department has consulted with several faculty members both within Management and outside to determine an appropriate list of pre-requisites for the Commerce/Management POST. Catherine Seguin (Associate Professor) gave input on accounting equivalents, and Dave Swanston (Lecturer) gave input on management courses. Moreover, Tyler Holden (Assistant Professor Mathematics) was consulted with regard to acceptable MAT equivalents. The department has outlined in the website what prerequisite courses are accepted into the Commerce and Management programs from other UofT campuses. As such, we are finding that because this information is not completely available in the Academic calendar, we must manually go in and accept these courses as part of our admissions process which can be time-consuming. It is recommended to retain this information in the Academic Calendar to maintain consistency as well as optimize the admissions process. We have also included additional UTM courses we deem as prerequisites after completing our discussions. This change will also assist the registrar's office to determine the appropriate equivalent courses

2) As noted in our MGT450H5 course proposal, the marketing students feel there isn't a sufficient pool of courses for their elective bucket, as such we have introduced a new course for them to take

Resource Implications:

Human Resource Management - Specialist (BBA)

Enrolment Requirements:

Limited Enrolment — Admission to this program is based on the following criteria:

- Completion of at least 4.0 credits
- A final mark of at least 63% in each of the following courses:
 - MGM101H5 and MGM102H5
 - (ECO101H5 and ECO102H5) or ECO100Y5
 - MAT133Y5 or ~~MAT133Y1~~ or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT135H5 and MAT136H5) or (MAT132H5 ~~MAT135H1~~ and MAT134H5 ~~MAT136H1~~)
- A weighted average of the grades earned in the courses above that meets the program's annual admission cutoff, which is determined annually by the Department of Management. This will vary from year to year and is based on capacity and the applicant pool.

Note:

- Applicants with transfer credits in any of the courses listed above will be assigned a 63% for each applicable transfer credit for program admission. Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead.
- Application for admission to the program is made during the Subject POST request periods for all students.
- [Please see the full list below for equivalent UTSG and UTSC courses.](#)

Completion Requirements:

This program has a total of 15.0 credits.

First Year:

For students who began studies prior to September 2018 (2.0 credits):

- MGM101H5 and MGM102H5; and
- ECO100Y5 or (ECO101H5 and ECO102H5)

For students who began studies in September 2018 and onwards (3.0 credits):

- MGM101H5 and MGM102H5
- (ECO101H5 and ECO102H5) or ECO100Y5
- MAT133Y5 or ~~MAT133Y1~~ or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT135H5 and MAT136H5) or (MAT132H5 ~~MAT135H1~~ and MAT134H5 ~~MAT136H1~~)

It is recommended that students interested in pursuing this program consider completing SOC100H5 to ensure access to some upper year SOC courses to fulfill the 1.5 Electives Program Requirement listed below.

Higher Years (12.0 credits):

- Core courses (1.5 credits): MGT262H5 and MGT270H5 and MGT492H5

- Management Disciplines (9.0 ~~8.5~~ credits): (~~MGM221H5~~ or MGT120H5 or MGT221H5) and MGT218H5 and MGM222H5 and MGT231H5 and MGM360H5 and MGM364H5, MGM365H5 and MGM390H5 and MGM464H5 and MGM465H5 and MGM466H5 and MGT252H5 and MGT260H5 and MGT363H5 and MGT371H5 and MGT480H5 and (ECO200Y5 or ECO205Y5)

- Statistics (0.5 credits): STA218H5

- 1.0 credit from: ANT350H5 or HIS313H5 or HIS314H5 or SOC227H5 or SOC236H5 or SOC263H5 or SOC361H5 or WGS210H5 or MGT461H5 or MGT463H5 or MGT467H5

- 0.5 credit in MGT or MGM at the 200/300/400 level

* * STA218H5 will no longer be accepted as an appropriate course for this program AFTER the 2022-2023 Academic year. Beginning in the 2023-2024 Academic year all students will be required to complete MGT218H5 as the statistics course for this program.

Please note enough space is reserved each year in MGT480H5 to accommodate the full HRM cohort.

Description of Proposed Changes:

- 1) Admin changes in the "Enrollment requirements section" to clean up formatting and align with other programs
- 2) Updated the "Note" section outlining the list of acceptable equivalents
- 3) Replaced STA218H5 with MGT218H5 (Please see the rationale for this course proposal).

Rationale:

2) The Department has consulted with several faculty members both within Management and outside to determine an appropriate list of pre-requisites for the Commerce/Management POST. Catherine Seguin (Associate Professor) gave input on accounting equivalents, and Dave Swanston (Lecturer) gave input on management courses. Moreover, Tyler Holden (Assistant Professor Mathematics) was consulted with regard to acceptable MAT equivalents. The department has outlined on the website what prerequisite courses are accepted into the Commerce and Management programs from other UofT campuses. As such, we are finding that because this information is not completely available in the Academic calendar, we must manually go in and accept these courses as part of our admissions process which can be time-consuming. It is recommended to retain this information in the Academic Calendar to maintain consistency as well as optimize the admissions process. We have also included additional UTM courses we deem as prerequisites after completing our discussions. This change will also assist the registrar's office to determine the appropriate equivalent courses

Resource Implications:

Management - Major (HBA)

Enrolment Requirements:

Limited Enrolment — Admission to this program is based on the following criteria:

- Completion of at least 4.0 credits

- A final mark of at least 63% in each of the following courses:

MGM101H5 and MGM102H5

(ECO101H5 and ECO102H5) or ECO100Y5

MAT133Y5 or ~~MAT133Y1~~ or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT135H5 and MAT136H5) or (MAT132H5 ~~MAT135H1~~ and MAT134H5 ~~MAT136H1~~)

A weighted average of the grades earned in the courses above that meets the program's annual admission cutoff, which is determined annually by the Department of Management. This will vary from year to year and is based on capacity and the applicant pool.

Note:

Applicants with transfer credits in any of the courses listed above will be assigned a 63% for each applicable transfer credit for program admission. Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead.

Application for admission to the program is made during the Subject POST request periods for all students.

Please see the full list below for equivalent UTSG and UTSC courses.

Completion Requirements:

First Year:

For students who began studies prior to September 2018 (2.0 credits):

MGM101H5 and MGM102H5

(ECO101H5 and ECO102H5) or ECO100Y5

For students who began studies in September 2018 and onwards (3.0 credits):

MGM101H5 and MGM102H5

(ECO101H5 and ECO102H5) or ECO100Y5

MAT133Y5 or ~~MAT133Y1~~ or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT135H5 and MAT136H5) or (MAT132H5 ~~MAT135H1~~ and MAT134H5 ~~MAT136H1~~)

Higher Years (6.0 credits):

Core courses (1.5 credits): MGT262H5 and MGT270H5 and MGT492H5

Management Disciplines (3.5 ~~3.0~~ credits): (MGT120H5 or MGT221H5 and MGT218H5 ~~MGM221H5~~) and MGM222H5 and MGT231H5 and MGM390H5 and MGT252H5 and MGT371H5

Statistics (0.5 credits): STA218H5

Electives (1.0 credit): Any 300/400-level MGT/MGM courses. Cannot include any courses already used above.

* * STA218H5 will no longer be accepted as an appropriate course for this program AFTER the 2022-2023 Academic year. Beginning in the 2023-2024 Academic year all students will be required to complete MGT218H5 as the statistics course for this program.

Description of Proposed Changes:

- 1) Admin changes in the "Enrollment requirements section" to clean up formatting and align with other programs
- 2) Update the "Note" section outlining the list of acceptable equivalents
- 2) Updated the "Note" section outlining the list of acceptable equivalents
- 3) Replaced STA218H5 with MGT218H5 (Please see the rationale for this course proposal).

Rationale:

2) The Department has consulted with several faculty members both within Management and outside to determine an appropriate list of pre-requisites for the Commerce/Management POST. Catherine Seguin (Associate Professor) gave input on accounting equivalents, and Dave Swanston (Lecturer) gave input on management courses. Moreover, Tyler Holden (Assistant Professor Mathematics) was consulted with regard to acceptable MAT equivalents. The department has outlined on the website what prerequisite courses are accepted into the Commerce and Management programs from other UofT campuses. As such, we are finding that because this information is not completely available in the Academic calendar, we must manually go in and accept these courses as part of our admissions process which can be time-consuming. It is recommended to retain this information in the Academic Calendar to maintain consistency as well as optimize the admissions process. We have also included additional UTM courses we deem as prerequisites after completing our discussions. This change will also assist the registrar's office to determine the appropriate equivalent courses

Resource Implications:

Management - Specialist (BBA)

Enrolment Requirements:

Limited Enrolment — Admission to this program is based on the following criteria:

- Completion of at least 4.0 credits
- A final mark of at least 63% in each of the following courses:
 - (ECO101H5 and ECO102H5) or ECO100Y5
 - MGM101H5 and MGM102H5
 - ~~(MAT133Y5 or MAT133Y4)~~ or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT135H5 and MAT136H5) or (MAT132H5 ~~MAT135H1~~ and ~~MAT134H5~~ ~~MAT136H1~~)
- A weighted average of the grades earned in the courses above that meets the program's annual admission cutoff, which is determined annually by the Department of Management. This will vary from year to year and is based on capacity and the applicant pool.

Note:

-

Applicants with transfer credits in any of the courses listed above will be assigned a 63% for each applicable transfer credit for program admission. Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead.

Application for admission to the program is made during the Subject POSt request periods for all students.

Please see the full list below for equivalent UTSG and UTSC courses.

Completion Requirements:

This program has a total of 13.5 credits.

First Year:

For students who began studies prior to September 2018 (2.0 credits):

- MGM101H5 and MGM102H5; and
- (ECO101H5 and ECO102H5) or ECO100Y5

For students who began studies in September 2018 and onwards (3.0 credits):

- MGM101H5 and MGM102H5; and
- (ECO101H5 and ECO102H5) or ECO100Y5; and
- MAT133Y5 or ~~MAT133Y4~~ or MAT135Y5 or MAT137Y5 or MAT157Y5 or (MAT135H5 and MAT136H5) or (MAT132H5 ~~MAT135H4~~ and ~~MAT134H5~~ ~~MAT136H4~~)

Higher Years (10.5 credits):

- Core courses (2.0 credits): MGT260H5 and MGT262H5 and MGT270H5 and MGT492H5

- Management Disciplines (7.0 ~~6.5~~ credits): (MGT120H5 or MGT221H5 ~~MGM221H5~~) and MGT218H5 and MGM222H5 and MGM320H5 and MGM390H5 and MGT231H5 and MGT232H5 and MGT252H5 and MGT353H5 and MGT363H5 and MGT371H5 and MGT374H5 and (ECO200Y5 or ECO205Y5)

- Statistics (0.5 credits): ~~STA218H5~~

- Electives (1.5 credits): Any 300/400-level MGT or MGM courses. Cannot include any courses already used above.

* * STA218H5 will no longer be accepted as an appropriate course for this program AFTER NOTE: We recommend that students in the 2022-2023 Academic year. Beginning in Management Specialist with the 2023-2024 Academic year all students will be required to complete MGT218H5 as the statistics course for this prerequisites consider completing an Economics Minor program.

Description of Proposed Changes:

- 1) Admin changes in the "Enrollment requirements section" to clean up formatting and align with other programs
- 2) Updated the "Note" section outlining the list of acceptable equivalents
- 3) Replaced STA218H5 with MGT218H5 (Please see the rationale for this course proposal).

Rationale:

2) The Department has consulted with several faculty members both within Management and outside to determine an appropriate list of pre-requisites for the Commerce/Management POST. Catherine Seguin (Associate Professor) gave input on accounting equivalents, and Dave Swanston (Lecturer) gave input on management courses. Moreover, Tyler Holden (Assistant Professor Mathematics) was consulted with regard to acceptable MAT equivalents. The department has outlined on the website what prerequisite courses are accepted into the Commerce and Management programs from other UofT campuses. As such, we are finding that because this information is not completely available in the Academic calendar, we must manually go in and accept these courses as part of our admissions process which can be time-consuming. It is recommended to retain this information in the Academic Calendar to maintain consistency as well as optimize the admissions process. We have also included additional UTM courses we deem as prerequisites after completing our discussions. This change will also assist the registrar's office to determine the appropriate equivalent courses

Resource Implications:

3 New Courses:

MGT218H5: Quantitative Analysis for Management

Impact on Programs:

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

Contact Hours:

Lecture: 24

Description:

Acquaints students with the statistical principles that managers need in order to extract information from numerical data, and to understand the formal principles of decision-making under conditions of uncertainty. Covers descriptive statistics, elementary probability, expected values, sampling distributions, point and interval estimation, hypothesis testing for normal and binomial data.

Prerequisites:

MGM101H5 and MGM102H5

Corequisites:

Exclusions:

ECO220Y5 and STA218H5

Recommended Preparation:

Rationale:

The objective of this course is to give students an understanding of how quantitative analysis (statistics) operates in Business and Commerce. A very important point of offering this quantitative analysis course through the Department of Management is that we can achieve great consistency in the offerings over the years, can easily coordinate with the instructors of the natural continuation of this course (MGT270) as well as with all upper-year instructors in the Department of Management in general, and last but not least, so we can design the content, including choice of suitable examples and applications as well as the software tools to be used. The goal is to provide two courses (i.e. MGT218 + MGT270) that build towards specific learning outcomes in terms of data structures, statistics, and data analysis from a Business and Commerce perspective.

Consultation:

Internal consultations were undertaken with the course instructor, statistics department, and the Department Chair. The course was approved by the Department Chair was Wednesday, October 6th, 2021.

Resources:

MGT450H5: Digital Marketing

Contact Hours:

Lecture: 24

Description:

This course explores various digital marketing strategies in the context of online and mobile advertising platforms, and will provide a comprehensive understanding of both existing marketing strategies and emerging trends. Various domains will be covered in this course (search, display, mobile, social, etc.) to enable students to explore how emerging technologies are used to facilitate B2B and B2C transactions. This class will explore the strengths and weaknesses of different approaches to digital marketing while helping students develop a better understanding of various elements of marketing campaigns from formulation to integration and assessment.

Prerequisites:

MGT252H5

Corequisites:

Exclusions:

CCT354H5 or MGT414H5 (Winter 2022)

Recommended Preparation:

Rationale:

The Marketing students are finding that they do not have a sufficient amount of options in their 4th-year bucket of courses as such it was discussed to bring a Digital Marketing course to the program offerings. This course is currently being offered for the first time as a special topics course (MGT414H5) with significant enrollment. As such, due to the demand of the students as well as the significance of the subject matter the department has decided to offer this course permanently.

Consultation:

The department has consulted with the course instructor and has received approval from the department chair on 10/6/2021.

Resources:

MGT495H5: Entrepreneurial Finance and Private Equity

Impact on Programs:

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

Contact Hours:

Lecture: 24

Description:

This course is designed to introduce students to the challenges and pitfalls of financing new enterprises. We can think of entrepreneurial financing decisions in terms of a life cycle. The cycle begins with identifying opportunities and refining the business plan, moves to marshaling resources to take advantage of these opportunities and executing the business plan, and ends with harvesting the venture's success.

Prerequisites:

MGT231H5 and MGT232H5

Corequisites:

Exclusions:

RSM439H1

Recommended Preparation:

Rationale:

Currently, finance students do not have the option to take a course that is more focused on entrepreneurship and private equity which is a popular topic. Moreover, due to the increasing enrollment and the fact that Rotman has had a similar course that has been significantly popular (four sections of 54 students) the department feels that there will be strong enrollment in this course. Finally, there are several finance students waitlisted for electives, as such this will be an alternative offering for these students.

Consultation:

Internal consultations were undertaken with the course instructor, finance faculty, and the Department Chair. The course was approved by the Department Chair was Wednesday, October 6th, 2021.

Resources:

9 Course Modifications:

MGM102H5: Management in a Changing Environment

Prerequisites:

Previous: A minimum grade of 63% in MGM101H5

New:

Rationale:

The department has consulted with the instructor of Dave Swanston who noted that MGM101 is not needed as a pre-req for MGM102, so it should be removed. This will allow more sections to be offered. Moreover, a significant amount of interest from students outside of the Commerce/Management program in taking MGM102. As such to accommodate this request, we would like to remove MGM101 as a prereq.

Consultation:

The department has consulted with the course instructor and has received approval from the department chair on 10/6/2021.

Resources:

MGT270H5: Data Analytics for Management

Corequisites:

MGT218H5 or STA218H5 or ECO220Y5 or ECO227Y5 or(STA250H1 and ECO256H5)or (STA256H5 and STA258H5) or (STA256H5 and STA260H5)

Rationale:

Due to the department offering MGT218H5 as an alternative to STA218H5, the co-req for this course was updated accordingly

Consultation:

The department has consulted with the course instructor and has received approval from the department chair on 10/6/2021.

Resources:

MGT324H5: Financial Report Analysis and Valuation

Title:

Previous: Financial Report Analysis and Valuation

New: Equity Valuation and Analysis

Abbreviated Title:

Previous: Fin . Analysis & Valuation

New: Equity Valuation and Analysis

Prerequisites:

MGT220H5 **and** **MGT223H5** and MGT231H5

Rationale:

The goal of the course is to analyze a business and value its equity. The new title reflects the objective better. Since we analyze the business by considering a company's financial statements, students need to know financial accounting (external), but not so much about managerial accounting (internal). Hence, MGT223 should be removed. Students need to know discount cash flow and time value of money before taking this course. These topics are introduced in MGT 231.

Resources:

MGT374H5: Operations Management

Prerequisites:

ECO220Y5 or ECO227Y5 or **MGT218H5** or(STA256H5 and STA260H5)or STA218H5 or (STA256H5 and STA258H5)

Note:

Previous:

New: STA218H5 will no longer be accepted as an appropriate course for this program AFTER the 2022-2023 Academic year. Beginning in the 2023-2024 Academic year all students will be required to complete MGT218H5 as the statistics course for this program.

Rationale:

Due to the department offering MGT218H5 as an alternative to STA218H5, the pre-req for this course was updated accordingly

Consultation:

The department has received approval from the department chair on 10/6/2021.

Resources:

MGT453H5: Marketing Research

Prerequisites:

MGT353H5 and [**MGT218H5** or ECO220Y5 or ECO227Y5 or STA218H5 or(STA256H5 and STA260H5)or (STA256H5 and STA258H5)]

Note:

Previous:

New: STA218H5 will no longer be accepted as an appropriate course for this program AFTER the 2022-2023 Academic year. Beginning in the 2023-2024 Academic year all students will be required to complete MGT218H5 as the statistics course for this program.

Rationale:

MGT218H5 is being introduced as the stats course for MGT programs. Updates to course requisites being made inline with this.

Resources:

MGT455H5: Marketing Consulting: Models for Analysis

Prerequisites:

(MGT252H5 or MGM252H5)and(**MGT218H5** or ECO220Y5 or STA221H5 or STA218H5)

Note:

Previous:

New: STA218H5 will no longer be accepted as an appropriate course for this program AFTER the 2022-2023 Academic year. Beginning in the 2023-2024 Academic year all students will be required to complete MGT218H5 as the statistics course for this program.

Rationale:

MGT218H5 is being introduced as the new standard stats course for MGT programs. Course requisites are being updated accordingly.

Resources:

MGT463H5: Organizational Behaviour in a Global Context

Title:

Previous: Organizational Behaviour in a Global Context

New: Managing Global Organizations

Description:

Understanding the global context of organizations is essential. A multinational perspective has become critical to surviving the competitive business environment while creating value in a sustainable and responsible way an organization's success. This course provides a broad overview explores some of the global environment and introduce critical perspectives in international business, as well as the key management challenges of operating managing across nations and working with cultures. It will also consider ways in which management theories and practices should behaviors may be adapted to transcend as well as be responsive to diverse business, social, and governmental settings ensure their application is carefully considered when applying Western management theories in an international setting. The course weaves together conceptual and practical considerations to create a balanced and exciting learning experience. It also includes an optional International Learning Experience component that involves travel to a country (s) outside of Canada to gain firsthand exposure to management practices in a different setting.

[24L]

Prerequisites:

MGT262H5 or MGM300H5

Exclusions:

Previous:

New: MGT491H5

Rationale:

The redesign is aimed at introducing students to a critical perspective of managing global organizations. The focus of the course, while still on the human, cultural, and structural systems of such organizations, will be broadened to incorporate contemporary discourses relating to multinational organizations and their role in creating value in the environments they operate. Future professionals need to be aware of diverse and changing perspectives about the role of organizations and about work, become comfortable with managing complexity and responsibly, and understand the limits of existing management theories. The new optional international experience component would add significant value to student learning by providing the opportunity to witness firsthand some of this complexity and diversity and connect the course themes and concepts.

Consultation:

The Department consulted with internal stakeholders including the Chair, Director and Professor. The IEC department was also consulted and they support this initiative.

Resources:

TA resources required.

MGT491H5: Introduction to International Business

Exclusions:

MGT463H5 or RSM490H1

Rationale:

Updating the exclusion as MGT463H5 is too similar

Consultation:

Consulted with the course instructor and received approval from the Department Chair on 10/6/2021

Resources:

MGT493H5: Small Business Management

Prerequisites:

MGT231H5 and MGT232H5 and 1.0 credit of ~~FIN~~ MGT/MGM at the 300/400 level

Rationale:

The department believes that 1.0 credits in finance are need to be completed before a student takes this course as there is a significant finance focus.

Consultation:

The department has consulted with the course instructor and has received approval from the department chair on 10/6/2021.

Resources:

3 Retired Courses:

MGM221H5: Accounting Fundamentals I

Rationale:

Typically, MGM221 has had historically low enrollment (7-12 students) as such it is recommended to allow the students to take MGT120 instead which is an equivalent course taught by the same instructor

MGT436H5: Investment Fund Management

Rationale:

This course has not been offered/or had enrollment in the last 5 years. The department does not have the interest to continue to keep these course.

MGT467H5: Labour and Employment Law

Rationale:

This course has not been offered/or had enrollment in the last 5 years. The department does not have the interest to continue to keep these course.

3 New Courses:

IMI299H5: Research Opportunity Program

Contact Hours:

Description:

This course provides a rewarding opportunity for students in their second year to work in the research project of a professor in return for IMI299H5 course credit. Based on the nature of the project, projects may satisfy the Social Sciences or Sciences distribution requirement. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See [Experiential and International Opportunities](#) for more details.

Prerequisites:

Corequisites:

Exclusions:

Concurrent enrolment in IMI399H5 or IMI499H5.

Recommended Preparation:

Rationale:

The course enables students to become involved in original research supervised by a faculty member at an advanced level. Experience with working hands-on with different forms of data, learning research methods, and communicating discoveries are crucial for acquiring new knowledge and developing critical thinking skills necessary for future professionals.

Resources:

None. Additional funding opportunities may be available through the Dean's Office or from the Institute.

IMI399H5: Research Opportunity Program

Contact Hours:

Description:

This course provides a rewarding opportunity for students in their third or fourth year to undertake relatively advanced work in the research project of a professor in return for IMI399H5 course credit. Based on the nature of the project, projects may satisfy the Social Sciences or Sciences distribution requirement. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See [Experiential and International Opportunities](#) for more details.

Prerequisites:

8.0 credits and permission of instructor

Corequisites:

Exclusions:

Concurrent enrolment in IMI299H5 or IMI499H5

Recommended Preparation:

Rationale:

The course enables students to become involved in original research supervised by a faculty member at an advanced level. Experience with working hands-on with different forms of data, learning research methods, and communicating discoveries are crucial for acquiring new knowledge and developing critical thinking skills necessary for future professionals.

Resources:

None. Additional funding opportunities may be available through the Dean's Office or from the Institute.

IMI499H5: Research Opportunity Program

Contact Hours:

Description:

This course provides a rewarding opportunity for students in their fourth year to undertake relatively advanced work in the research project of a professor in return for IMI499H5 course credit. Based on the nature of the project, projects may satisfy the Social Sciences or Sciences distribution requirement. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See [Experiential and International Opportunities](#) for more details.

Prerequisites:

14.0 credits and permission of instructor

Corequisites:

Exclusions:

Concurrent enrolment in IMI299H5 or IMI399H5

Recommended Preparation:

Rationale:

The course enables students to become involved in original research supervised by a faculty member at an advanced level. Experience with working hands-on with different forms of data, learning research methods, and communicating discoveries are crucial for acquiring new knowledge and developing critical thinking skills necessary for future professionals.

Resources:

None. Additional funding opportunities may be available through the Dean's Office or from the Institute.

1 Minor Program Modification:

History and Political Science - Specialist (Arts)

Enrolment Requirements:

Limited Enrolment — Enrolment ~~in the Specialist Program~~ in this program ~~History and Political Science~~ is limited.

For students applying in 2021-2022 for program entry in the 2022-2023 Academic Year, 4.0 credits are required, including the following:

- 1.0 credit of POL (with a minimum grade of at least 70% in each course)
- 1.0 credit of HIS (with a minimum grade of at least 70% in each course)
- 1. A CGPA of at least 2.00

Students enrolling at the end of ~~second first~~ year (8.0 ~~4.0~~ credits) must obtain the following:

- 2.0 credits of POL (with a minimum grade of at least 70% in each course)
- 2.0 credits of HIS (with a minimum grade ~~mark~~ of at least 70% in each course)
- A CGPA of 2.30.

For students applying in 2022-2023 (and beyond) for program entry in the 2023-2024 Academic Year (and beyond), 4.0 credits are required, including the following:

- 1.0 ~~POL~~ credit of POL (with ~~and~~ a minimum grade ~~mark~~ of at least 70% in each course)
- 1.0 ~~HIS~~ credit of HIS (with ~~and have~~ a minimum grade ~~Cumulative Grade Point Average~~ of at least 70% in each course)
- ~~ISP100H5 2.00.~~
- A CGPA of at least 2.00

Students enrolling at the end of second year (8.0 credits) must obtain the following:

- 2.0 credits of POL (with a minimum grade ~~mark~~ of at least 70% in each course)

- of 2.0 ~~POU~~ credits of HIS (with ~~and~~ a minimum grade ~~mark~~ of at least 70% in each course)
- ISP100H5
- A CGPA of 2.0 HIS credits and a ~~have~~ Cumulative Grade Point Average of 2.30.

Completion Requirements:

14.0-14.5 ~~14.0~~ credits are required.

For students entering the program in 2023-2024 (and beyond): ISP100H5 (0.5 credit)

History :

7.0 credits ~~are required~~.

First Year:

1. 0.5 credit from [HIS101H5](#) or [HIS102H5](#) or [HIS103H5](#) or [HIS104H5](#) or [HIS105H5](#) or [HIS106H5](#) or [HIS107H5](#) or [HIS108H5](#) .
- 2.

0.5 credit of HIS ~~credits~~ at the 200-level.

Higher Years:

1. ~~At least~~ 1.0 credit ~~credits~~ at the 200-level or above ~~200+level~~ from two different geographical regions ~~areas~~:
 - a. ~~1.~~ Africa, Latin America, & the Caribbean: [HIS203H5](#) or [HIS290H5](#) or [HIS295H5](#) or [HIS301H5](#) or [HIS323H5](#) or [HIS325H5](#) or [HIS330H5](#) or [HIS390H5](#) or [HIS391H5](#) or [HIS403H5](#) or [HIS425H5](#) or [HIS454H5](#) or [HIS463H5](#) or [HIS464H5](#) or [HIS490H5](#) or [HIS494H5](#)
 - b. ~~2.~~ Asia and the Middle East: [HIS201H5](#) or [HIS204H5](#) or [HIS250H5](#) or [HIS282H5](#) or [HIS284H5](#) or [HIS285H5](#) or [HIS378H5](#) or [HIS382H5](#) or [HIS384H5](#) or [HIS385H5](#) or [HIS386H5](#) or [HIS387H5](#) or [HIS388H5](#) or [HIS389H5](#) or [HIS394H5](#) or [HIS397H5](#) or [HIS398H5](#) or [HIS425H5](#) or [HIS431H5](#) or [HIS448H5](#) or [HIS480H5](#) or [HIS483H5](#) or [HIS484H5](#)
 - c. ~~3.~~ Canada & U.S.A.: [HIS203H5](#) or [HIS255H5](#) or [HIS261H5](#) or [HIS263Y5](#) or [HIS271H5](#) or [HIS272H5](#) or [HIS311H5](#) or [HIS312H5](#) or [HIS313H5](#) or [HIS314H5](#) or [HIS315H5](#) or [HIS318H5](#) or [HIS319H5](#) or [HIS326Y5](#) or [HIS342H5](#) or [HIS355H5](#) or [HIS358H5](#) or [HIS367H5](#) or [HIS368H5](#) or [HIS369H5](#) or [HIS370H5](#) or [HIS371H5](#) or [HIS372H5](#) or [HIS373H5](#) or [HIS374H5](#) or [HIS393H5](#) or [HIS402H5](#) or [HIS403H5](#) or [HIS416H5](#) or [HIS438H5](#) or [HIS440H5](#) or [HIS452H5](#) or [HIS453H5](#) or [HIS461H5](#) or [HIS462H5](#) or [HIS479H5](#) or [HIS487H5](#) or [HIS494H5](#)
 - d. ~~U.S.A.~~
 - ~~4.~~ Europe: [HIS203H5](#) or [HIS204H5](#) or [HIS221H5](#) or [HIS222H5](#) or [HIS230H5](#) or [HIS236H5](#) or [HIS241H5](#) or [HIS242H5](#) or [HIS300H5](#) or [HIS306H5](#) or [HIS308H5](#) or [HIS309H5](#) or [HIS310H5](#) or [HIS321H5](#) or [HIS327Y5](#) or [HIS336H5](#) or [HIS338H5](#) or [HIS339H5](#) or [HIS340H5](#) or [HIS357H5](#) or [HIS401H5](#) or [HIS403H5](#) or [HIS407H5](#) or [HIS409H5](#) or [HIS420H5](#) or [HIS435H5](#) or [HIS438H5](#) or [HIS475H5](#) or [HIS486H5](#) or [HIS495H5](#)
 - 2.
- 2.0 credits at the 300-level or above
- 3.

~~300+level credits:~~

1.0 ~~HIS~~ credit of HIS at the 400-level

4.

-

2.0 additional ~~HIS~~ credits of HIS at the 200-level or above (which ~~200+level:~~

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

-

Notes:

1. Specialists may substitute acceptable non-HIS courses taught elsewhere at U of T Mississauga for up to 1.0 of the HIS credits.

2. The Department of Historical Studies Handbook identifies substitutions; courses satisfying division requirements. It is available online at:

www.utm.utoronto.ca/historicalstudies

Political Science: 7.0 credits

7.0 credits in POL are required, including at least 1.0 credit at the 300 level and 1.0 credit at the 400 level and no more than 1.0 credit at the 100 level.

1.

~~1.~~ [POL200Y5](#) and [POL215H5](#) and [POL216H5](#)

2.

~~2.~~ 1.0 credit from two of the following three fields:

1.

Comparative Politics - [POL203Y5](#) or [POL218Y5](#) or [POL354Y5](#) or [POL300Y5](#) or [POL302Y5](#) or [POL303Y5](#) or [POL304Y5](#) or [POL309Y5](#) or [POL332Y5](#) or [POL440Y5](#) or [POL443H5](#) or [POL443Y5](#) or [POL438H5](#) or [POL438Y5](#)

2.

~~2.~~ International Relations - [POL209H5](#) and [POL210H5](#) or [POL310Y5](#) or [POL327Y5](#) or [POL340Y5](#) or [POL343Y5](#) or [POL486Y5](#) or [POL487H5](#)

3.

~~3.~~ Public Policy and Public Administration - [POL316Y5](#) or [POL317Y5](#) or [POL317H5](#) or [POL318H5](#) or [POL336Y5](#) or [POL346Y5](#) or [POL353Y5](#) or [POL355Y5](#) or [POL368H5](#) or [POL368Y5](#) or [POL369Y5](#) or [JEP351H5](#) or [JEP356H5](#) or [JEP452H5](#) or [JPE250Y5](#) or [JPE251H5](#) or [JPE252H5](#)

3.

~~3.~~ 4.0 additional ~~Additional POL~~ credits of POL

-

Rationale:

Enrolment Requirements and Completion Requirements have been updated to reflect the implementation of ISP100H5.

Resource Implications:

21 Course Modifications:

POL304Y5: Politics of South Asia

Prerequisites:

POL208Y5 ~~POL 208Y5~~ or POL208Y1 or (POL209H5 and POL210H5) or (POL218H1 and POL219H1) or ~~POL~~ POL218Y5 or permission of instructor based on strong interest in South Asia

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5.

Resources:

POL305H5: Topics in International Relations

Prerequisites:

POL208Y5 ~~POL 208Y5~~ or POL208Y1 or (POL209H5 and POL210H5) or (POL218H1 and POL219H1)

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5.

Resources:

POL305Y5: Topics in International Relations

Prerequisites:

POL208Y5 or POL208Y1 or (POL209H5 and POL210H5) or (POL218H1 and POL219H1)

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5.

Resources:

POL310Y5: Managing International Military Conflict

Prerequisites:

POL208Y5 or POL208Y1 or (POL209H5 and POL210H5) or (POL218H1 and POL219H1)

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5.

Resources:

POL316Y5: Contemporary Canadian Federalism

Prerequisites:

POL100Y5 or POL102Y1 or (POL110H5 and POL111H5) or POL214Y5 or POL214Y1 or (POL215H5 and POL216H5)

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5. Similarly, we changed POL214Y5 and created POL215H5 and POL216H5, therefore discontinuing POL214Y5.

Resources:

POL327Y5: Comparative Foreign Policy

Prerequisites:

POL208Y5 or POL208Y1 or (POL209H5 and POL210H5) or (POL218H1 and POL219H1)

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5. Similarly, we changed POL214Y5 and created POL215H5 and POL216H5, therefore discontinuing POL214Y5.

Resources:

POL336Y5: Ontario Politics

Prerequisites:

(POL100Y5 or POL102Y1) or (POL110H5 and POL111H5) or POL214Y5 or ~~POL~~ POL214Y1 or (POL215H5 and POL216H5)

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5. Similarly, we changed POL214Y5 and created POL215H5 and POL216H5, therefore discontinuing POL214Y5.

Resources:

POL340Y5: International Law

Prerequisites:

POL208Y5 or POL208Y1 or (POL209H5 and POL210H5) or (POL218H1 and POL219H1)

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5.

Resources:

POL343Y5: Politics of Global Governance

Prerequisites:

POL208Y5 or POL208Y1 or (POL209H5 and POL210H5) or (POL218H1 and POL219H1)

Exclusions:

Previous: POL 343Y1, POLC87H3

New: POL343Y1 or POLC87H3

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5.

Resources:

POL353Y5: Canadian Public Policy: From the Golden Age to the Era of Globalization

Prerequisites:

POL100Y5 or (POL110H5 and POL111H5) or POL214Y5 or POL214Y1 or (POL215H5 and POL216H5) or ~~POL214Y5~~

Exclusions:

POL209Y5 or POL316Y5 or POLC57H3 or POLC54H3 or ~~POLC54H3~~

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5. Similarly, we changed POL214Y5 and created POL215H5 and POL216H5, therefore discontinuing POL214Y5.

Resources:

POL393H5: Topics in Political Science

Prerequisites:

POL200Y5 ~~POL200Y~~ or POL208Y5 ~~POL208Y~~ or POL208Y1 ~~POL214Y~~ or (POL209H5 and POL210H5) or (POL218H1 and POL219H1) or POL214Y5 or POL214Y1 or (POL215H5 and POL216H5) or POL218Y5 ~~POL218Y~~

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5. Similarly, we changed POL214Y5 and created POL215H5 and POL216H5, therefore discontinuing POL214Y5.

Resources:

POL394H5: Topics in Political Science

Prerequisites:

POL200Y5 ~~POL200Y~~ or POL208Y5 or POL208Y1 or (POL209H5 and POL210H5) or (POL218H1 and POL219H1) ~~POL208Y~~ or POL214Y or POL214Y1 or (POL215H5 and POL216H5) or POL218Y5 ~~POL218Y~~

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5. Similarly, we changed POL214Y5 and created POL215H5 and POL216H5, therefore discontinuing POL214Y5.

Resources:

POL402H5: Topics in Political Science

Prerequisites:

Previous:

New: POL200Y5 or POL208Y5 or POL208Y1 or (POL209H5 and POL210H5) or (POL218H1 and POL219H1) or POL214Y5 or POL214Y1 or (POL215H5 and POL216H5) or POL218Y5

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5. Similarly, we changed POL214Y5 and created POL215H5 and POL216H5, therefore discontinuing POL214Y5.

Resources:

POL403H5: Topics in Political Science

Prerequisites:

POL200Y5 or POL208Y5 or POL208Y1 or (POL209H5 and POL210H5) or (POL218H1 and POL219H1) or POL214Y5 or POL214Y1 or (POL215H5 and POL216H5) or POL218Y5

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5. Similarly, we changed POL214Y5 and created POL215H5 and POL216H5, therefore discontinuing POL214Y5.

Resources:

POL405Y5: Political Science Internship**Prerequisites:**

Previous: 6.0 credits in POL including POL200Y5 and [(POL209H5 and POL208H5) or POL208Y5] and [(POL215H5 and POL216H5) or POL 214Y5) and POL218Y5 and POL320Y5 and 1.0 POL credit at the 300 level

New: 6.0 credits in POL

Rationale:

The experience in this course fits the definition of "Partnership-Based Experience." It is an internship course where students are placed in a external community partner's office for 150 hours. Essentially, it is a "work experience that integrates academic learning with its application in a workplace. The experience has an in-class academic component." The internship and the in-class components are both a MAJOR component to be completed by ALL students EACH time the course is offered.

The course experience sub-types that will be applied in the Course Information System (CIS)/ Syllabus is "academic internship."

Resources:

POL440Y5: Politics and Governments of Eastern Europe**Prerequisites:**

POL204Y5 or POL208Y5 or POL208Y1 or (POL209H5 and POL210H5) or (POL218H1 and POL219H1) or POL354Y5

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5. Similarly, we changed POL214Y5 and created POL215H5 and POL216H5, therefore discontinuing POL214Y5.

Resources:

POL475H5: Global Environmental and Sustainability Politics**Prerequisites:**

POL208Y5 or POL208Y1 or (POL209H5 and POL210H5) or (POL218H1 and POL219H1)

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5.

Resources:

POL486Y5: Topics in International Relations**Prerequisites:**

POL208Y5 or POL208Y1 or (POL209H5 and POL210H5) or (POL218H1 and POL219H1)

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5.

Resources:

POL487H5: Topics in International Relations**Prerequisites:**

POL208Y5 or POL208Y1 or (POL209H5 and POL210H5) or (POL218H1 and POL219H1)

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5.

Resources:

POL490H5: Topics in Canadian Politics**Prerequisites:**

POL100Y5 or (POL110H5 and POL111H5) or POL214Y5 or POL214Y1 or (POL215H5 and POL216H5)

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5. Similarly, we changed POL214Y5 and created POL215H5 and POL216H5, therefore discontinuing POL214Y5.

Resources:

POL494Y5: Topics in Canadian Politics**Prerequisites:**

POL100Y5 or (POL110H5 and POL111H5) or POL214Y5 or POL2141 or (POL215H5 and POL216H5)

Rationale:

We made a change to POL208Y5 and created POL209H5 and POL210H5, therefore discontinuing POL208Y5. Similarly, we changed POL214Y5 and created POL215H5 and POL216H5, therefore discontinuing POL214Y5.

Resources:

7 New Courses:

SOC305H5: Asian Canada and Asian Diaspora

Contact Hours:

Lecture: 24

Description:

The course will introduce students to the core and cutting-edge sociological and interdisciplinary scholarship on Asian Canada and Asian diaspora from transnational perspectives. We will examine the history of Asian migration to North America on the context of colonialism, the Cold War, and capitalist development, as well as the experiences of various Asian immigrant communities in the contemporary era.

Prerequisites:

(SOC205H5 or SOC231H5) and SOC221H5 and SOC222H5

Corequisites:

Exclusions:

Recommended Preparation:

200-level course on race and ethnicity

Rationale:

While the department offers multiple courses on race, ethnicity, and immigration, we have yet to offer a more focused course on Asian diaspora at any level. This would be a beginning to offer more specialized courses where students can gain understanding of their own or other immigrant communities embedded in Canadian history and social structures. In particular, given we have a large number of undergraduate students at UTM from various Asian communities, this would be a useful way to engage with them to develop sociological understanding of their lives.

Resources:

No extraordinary resource needs beyond TA staffing.

SOC308H5: Law and Crime in Asia and Asian Diasporas

Contact Hours:

Lecture: 24

Description:

This course introduces students to the core and cutting-edge sociological and interdisciplinary scholarship on law and crime in Asia and Asian diasporas across the world. It examines major topics in criminology, law and society in various Asian contexts (e.g., legal consciousness, legal pluralism, dispute resolution, policing, rights mobilization, etc.), as well as the experiences of Asian immigrant communities with legal and criminal justice systems.

Prerequisites:

(SOC109H5 or SOC209H5) and (SOC205H5 or SOC231H5) and SOC221H5 and SOC222H5

Corequisites:

Exclusions:**Recommended Preparation:****Rationale:**

While the department offers multiple courses on crime/law and race/ethnicity/immigration, we have yet to offer a more focused course on Asian diasporas at any level. This course in the CLS program, together with another course on Asian Canada and Asian Diaspora in the sociology program, would be a beginning to offer more specialized courses where students can gain understanding of their own or other immigrant communities. In particular, given we have a large number of undergraduate students at UTM from various Asian communities, this would be a useful way to engage with them to develop sociological understanding of their lives.

Resources:

No extraordinary resource needs beyond TA staffing.

SOC409H5: Masculinity and the Internet**Contact Hours:**

Seminar: 24

Description:

In this course we will take an in-depth look at a number of topics related broadly to masculinity and the internet, including such things as the “manosphere”, incels, and representations of masculinity on social media. These topics will be examined through the lens of the sociological literature on gender and masculinities. A recurring theme relates to the questions: “Is masculinity changing?” Students will be encouraged to critically examine and evaluate these topics and the sociological literature in multiple ways.

Prerequisites:

(SOC205H5 or SOC231H5) and SOC221H5 and SOC222H5 and 0.5 SOC credit at the 300 level

Corequisites:**Exclusions:****Recommended Preparation:****Rationale:**

The course will add to our collection of gender-related courses generally and our masculinity-related courses specifically. I currently teach our 300-level masculinities course at 60 students, and we spend just one week talking about masculinity online. This 400-level seminar course will provide the opportunity to go into far greater depth with a topic that students have a strong interest in AND has a strong, contemporary relevance.

Resources:

No extraordinary resource needs beyond TA staffing.

SOC422H5: Sociology of the Body**Contact Hours:**

Lecture: 24

Description:

The body is an inevitable part of our existence, but it has not always played a central role in sociology. This course aims to bring the body into sociology by drawing on multiple approaches to theorizing and researching the body as a fundamental element of social interactions. We will work to connect the body to power, social problems and diverse forms of exploitation, but we also examine how the body serves as a source of pleasure, joy, and resistance. Fundamentally, we will study the processes by which

bodies are shaped, and in turn, shape our social life. Body topics that may be covered include, but are not limited to, the following: health and illness, fatness, fitness and sport, diet culture, taste, aging, disability, sexuality, beauty, cosmetic surgery, and eating disorders.

Prerequisites:

SOC100H5 and (SOC205H5 or SOC231H5)

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

This is an important sociological subfield that is currently unrepresented in our course offerings. I have solicited input from undergraduate students and there is considerable interest in this topic.

Resources:

No extraordinary resource needs beyond TA staffing.

SOC426H5: Social Theory and Third Cinema

Contact Hours:

Seminar: 24

Description:

This course is an exploration of the societies of Asia, Africa, and Latin America through films created by directors living and working in the Global South. Each week, we'll pair a social theory reading with a film made in the Global South to explore themes of colonialism, political economy, race, class, gender, power, and history.

Prerequisites:

SOC100H5 and (SOC205H5 or SOC231H5)

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

This course will further compliment our department and university's efforts to decolonize the curriculum by providing students with a deeper awareness of the political, economic, social, and cultural issues facing the Global South through an engagement with films produced by auteurs living and working across the Global South.

Resources:

Venue for screening films and support from Media Commons. (Support from Media Commons in obtaining rare and otherwise difficult to find films by Global South directors along with support putting those films in a format that can be screened easily in class settings.)

SOC427H5: Politics, Violence, Democracy and Human Rights in Latin America

Contact Hours:

Lecture: 24

Description:

This course examines the transnational, national and local historical, social and political contexts that produce, and is in turn affected by, criminal, state and other forms of violence in Latin America, and the challenges that this poses for the functioning of Latin American democracies and for the everyday life of people in the region, whose human and civil rights are frequently violated. Examples of transnational factors examined may include the legacies of the Cold War, the impact of the U.S. war on drugs, and the circulation of ideas about punishment throughout the hemisphere. We also contextualize the presence of violence into the historical and contemporary political and social realities of particular Latin American countries.

Prerequisites:

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

This course would be useful for criminology students because it addresses pervasive stereotypes about Latin American countries and people from Latin American origin as being naturally criminal, to a more nuanced understanding of how securitization and criminalization works in the region, which takes into account the political, social and transnational context. It would be useful for sociologists interested in inequality, human rights, immigration, political sociology, etc. If minors in Latin American Studies are allowed into the course, it would help build the minor as well, through the offering of an additional course that students can take. I believe these students would add valuable knowledge of the context of the region to students in criminology and sociology.

Resources:

No extraordinary resource needs beyond TA staffing.

SOC428H5: Health, Disability, and Crisis

Contact Hours:

Seminar: 24

Description:

This course will apply sociological theories of inequality, health, and disability to contemporary problems associated with economic and health crises, including the COVID-19 pandemic. This course integrates both quantitative and qualitative methods across substantive themes, providing an opportunity for students to link theories to data.

Prerequisites:

SOC221H5 and SOC222H5

Corequisites:

Exclusions:

Recommended Preparation:

SOC350H5

Rationale:

Course needed on COVID and on methods. The pandemic represents an important exogenous shock that has affected everything from labour, to financial circumstances, attitudes about government policy responses, and health and mental health. This course will examine these outcomes and will do so using quantitative and qualitative analyses. As such, it provides students an important opportunity to link data to important sociological questions in a meaningful way.

Resources:

Students will need access to SPSS.

1 Course Modification:

SOC379H5: Sociology of Crime

Title:

Previous: Sociology of Crime

New: Criminology , Urban Life, and Social Policy

Description:

Previous: This course will review current ways of thinking about crime and society ' s response to it . Particular attention will be paid to the intersection of crime control and law enforcement. [24L]

New:

The city is an important site of human interaction, characterized by crisis and promise . Through the lens of the city, this course will examine the nature of various social problems, including their causes and impacts. In particular, we will consider how criminological scholarship can analyze and inform policy responses to these issues. Course topics will include a diverse array of issues related to criminalization, youth justice, neighbourhood-level inequality, violence, and the criminal justice system . < / p>

Prerequisites:

~~(SOC109H5 or SOC209H5)~~ and(SOC205H5 or SOC231H5)and SOC221H5 and SOC222H5

Rationale:

I have developed SOC379 into an issue-based survey course that examines various topics in social and criminal justice. In particular, the course focuses on public policy, knowledge translation, and writing for non-academic audiences. I believe that a course of this nature is an effective complement to existing departmental offerings while also offering the opportunity for students to further apply their skills and training to the analysis of urban life in the GTA. Therefore, I ask for a change in the course title and description to reflect the content and learning objectives of the course more accurately.

Resources:

No extraordinary resource needs beyond TA staffing.

Addendum: Social Sciences Course Experience Tags (Fall 2021)

Unit	Course Experience	Code	Calendar Title
Communication, Culture, Information, & Technology (UTM), Institute of			
Partnership-Based Experience			
	CCT341H5	Introduction to IT Consulting	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.
University-Based Experience			
	CCT302H5	Developing and Managing Communication Campaigns and Projects	Communication campaigns and projects, whether they involve marketing, politics, or advertising require the establishment of objectives, tasks, and milestones. Furthermore developing and managing campaigns requires the development of knowledge and skills relating to the management of teams. Students will acquire analytic skills allowing them to understand the development and management of communication campaigns and projects. Current theory and research will comprise an integral part of the course as will study of the appropriate software tools. A significant component of the assessment for this course will be a group project that will involve the design of a communication campaign or project which will be presented to a group of experts.
	CCT304H5	Visual Communication and Digital Environments	This is a project-based course that focuses on analyzing and evaluating the persuasive impact of the images we use every day to make decisions about our social networks, what we buy, how we live, what we care about, and who we are. Students will learn about rhetorical devices used in visual communications and then work in teams to create a persuasive awareness campaign for an NGO, Government Agency, Healthcare organization or other social interest group as the final project.
	CCT333H5	Social Innovation	(Offered at Sheridan College) This course introduces students to the strategies and processes of social innovation through usability studies, systems analysis, and artifact prototyping for new products or services for underserved groups. Students will learn various techniques of understanding user needs requirements and design methodologies, and apply this knowledge to create socially innovative prototypes to apply to real world situations. By the end of this course, students will have worked in groups to develop design alternatives for a technological artifact or system of their choosing, gain knowledge of human-centred design strategies and learn how to become change agents through case studies, best practice analyses, and relevant readings.
	WRI299Y5	Research Opportunity Program	This courses provides a richly rewarding opportunity for students in their second year to work in the research project of a professor in return for 299Y course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.

Unit	Course Experience	Code	Calendar Title
		WRI320H5	History and Writing Examines written history as rhetoric and considers various conceptions of history and procedures for historical research and writing with reference to a range of 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.
Economics (UTM), Department of			
Partnership-Based Experience			
		ECO400Y5	Economics Internship 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 Coordinator: Corrine Bent-Womack Room #KN 3246 Innovation Complex Email: corrine.bent.womack@utoronto.ca.
University-Based Experience			
		ECO399H5	Research Opportunity Program This course provides senior undergraduate students who have developed some knowledge of a discipline and its research methods, an opportunity to work in the research project of a professor in return for course credit. Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. Project descriptions for participating faculty members for the following summer and fall/winter sessions are posted on the ROP website (www.utm.utoronto.ca/rop/research-opportunity-program) in mid-February and students are invited to apply at that time. See Experiential and International Opportunities for more details.
		ECO399Y5	Research Opportunity Program This course provides senior undergraduate students who have developed some knowledge of a discipline and its research methods, an opportunity to work in the research project of a professor in return for course credit. Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. Project descriptions for participating faculty members for the following summer and fall/winter sessions are posted on the ROP website (www.utm.utoronto.ca/rop/research-opportunity-program) in mid-February and students are invited to apply at that time. See Experiential and International Opportunities for more details.
		ECO466H5	Empirical Macroeconomics and Policy Students will increase their data literacy and learn how to apply techniques to address policy issues. The topics covered will include the practical design of monetary policy, the rationale of current monetary policy in Canada, and statistical methods for predicting key macroeconomic variables. As part of the course, students will follow current global issues and will forecast how the domestic and international events may alter the Bank of Canada's monetary policy in the short run. This course builds on material covered in ECO202Y5/ECO208Y5/ECO209Y5, ECO325H5 and ECO375H5.
		ECO475H5	Applied Econometrics II

Unit	Course Experience	Code	Calendar Title
			A research-oriented course continuing from ECO375H5. 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.
Geography, Geomatics and Environment (UTM), Department of			
Partnership-Based Experience			
		JEG401Y5	Geography / Environment Social Science Internship 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. Instructions for the application can be found on the Geography Department home page: https://utm.utoronto.ca/geography/field-internship-and-thesis-courses .
University-Based Experience			
		ENV322H5	Practicum in Environmental Project Management Solutions to environmental issues depend on interdisciplinary teamwork. This course mimics the practical, multidisciplinary, collaborative work that is highly valued in the environment sector. Students work in teams on semester-long projects addressing a specific environmental issue on campus or in the local community (e.g., conducting a waste audit; developing an educational module for a local NGO, etc.). Specific skills that are developed include; project management and workflow, data collection, report writing and formal presentations. This course is strongly recommended for Specialist and Major students in any of the Environment Programs.
		ENV497H5	Environmental Research Project This independent project course is designed to give students experience in the definition and execution of a one-term research study on an environmental topic, under the guidance of a member of the faculty. Students who wish to pursue this option with a specific faculty member or who have an idea for a research project should approach the faculty member early - before the start of the academic term - to negotiate the terms of the project.
		JEG417Y5	Honours Thesis This course is designed to give students experience in the design and execution of an independent senior thesis under the supervision of a faculty member. In order to register in the course, students must obtain approval from a supervisor, complete an application form and submit the form to the Department of Geography. Please refer to the Department of Geography website for details: https://utm.utoronto.ca/geography/field-internship-and-thesis-courses. This course may fulfill field day components. Please consult with your supervisor.
		JEP452H5	Politics and Policy of Wildlife Conservation This course is an in-depth analysis of conservation policy in Canada. The course begins with an overview biodiversity crisis facing the planet and then moves to an overview of Canada's approach to managing biodiversity across the country. We will carefully examine the federal Species at Risk Act as well as the provincial and territorial wildlife legislation. The remaining of the course will be aimed at making improvements to the Canadian strategy. During the course of the semester, the students will focus on the recovery of endangered species in Canada through the development of a recovery strategy for a specific species.
Management (UTM), Department of			
Partnership-Based Experience			
		MGT480H5	Internship

Unit	Course Experience	Code	Calendar Title
			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.
University-Based Experience			
		MGT299H5	<p>Research Opportunity Program</p> <p>This course provides second year undergraduate students, who have developed some knowledge of a discipline and its research methods, an opportunity to work in the research project of a professor in return for course credit. Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. Project descriptions for participating faculty members for the following summer and fall/winter sessions are posted on the ROP website in mid-February and students are invited to apply at that time. See Experiential and International Opportunities for more details.</p>
		MGT299Y5	<p>Research Opportunity Program</p> <p>This courses provides a richly rewarding opportunity for students in their second year to work in the research project of a professor in return for 299Y course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. Participating faculty members post their project descriptions for the following summer and fall/winter sessions in early February and students are invited to apply in early March. See Experiential and International Opportunities for more details.</p>
		MGT399H5	<p>Research Opportunity Program</p> <p>This course provides senior undergraduate students who have developed some knowledge of a discipline and its research methods an opportunity to work in the research project of a professor in return for course credit. Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. Project descriptions for participating faculty members for the following summer and fall/winter sessions are posted on the ROP website in mid-February and students are invited to apply at that time. See Experiential and International Opportunities for more details.</p>

Unit	Course Experience	Code	Calendar Title
		MGT399Y5	<p>Research Opportunity Program</p> <p>This course provides senior undergraduate students who have developed some knowledge of a discipline and its research methods an opportunity to work in the research project of a professor in return for course credit. Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. Project descriptions for participating faculty members for the following summer and fall/winter sessions are posted on the ROP website in mid-February and students are invited to apply at that time. See Experiential and International Opportunities for more details.</p>
Political Science (UTM), Department of			
Partnership-Based Experience			
		POL405Y5	<p>Political Science Internship</p> <p>Through a part-time, unpaid internship (150 hours), students apply the knowledge and skills gained through previous coursework in political science. Participants will develop skill sets through a professional setting combined with class meetings that include workshops, writing, oral presentations, reading and reflection. Placements are made in both the public and private sectors, such as local or regional government offices, law firms, civil society organizations or non-profit agencies. Normally, the 150 hours will be completed by attending the work placement one full day each week from September to April. Students must confirm internship arrangements well in advance and secure departmental approval for their internship position prior to the start of term. Students will be admitted to through an online application.</p>
University-Based Experience			
		POL401Y5	<p>Senior Major Research Paper</p> <p>This course provides students with the basic skills and knowledge necessary to complete a major independent research paper. The course will have a broad theme (power, equality, justice, federalism, etc.) and students will pursue a research project of their own interest that relates to the course theme. This Y course will meet weekly in the first semester and every other week in the winter semester. Under the course instructors' supervision, students will identify potential research questions, acquire methodological and research skills appropriate for addressing the research questions, and conduct primary research. Students will present their paper in an open forum late in the second term. This course is intended for students with a strong academic background who intend to pursue graduate studies.</p>
Sociology (UTM), Department of			
Partnership-Based Experience			
		SOC450H5	<p>Walls to Bridges: Carceral Seminar</p> <p>Based on the Walls to Bridges Program model, this seminar course matches a group of University of Toronto Mississauga students (&quot;outside&quot; students) with an approximately equal number of incarcerated students who study together as peers at an off-campus setting. Topics vary from term to term. All class sessions are held inside the institution (e.g., penitentiary, detention centre, halfway house, etc.). Inside and outside students work together on small teams to develop and present a final project. Interested students should submit an application to the Department of Sociology (see website for details), and an interview may be required. Preference given to eligible Criminology, Law and Society Specialists and Majors. Note: Once students are accepted into this course a criminal record check (CPIC) may be required to access the offsite location for classes. Students are advised to schedule approximately seven hours for class time (to allow time sufficient time for travel, institution check-in and out in addition to the seminar time).</p>

Unit	Course Experience	Code	Calendar Title
		SOC480Y5	<p>Internship in Sociology, Criminology, Law and Society</p> <p>Through a part-time, unpaid, 200-hour internship, students apply sociological knowledge gained primarily through previous coursework. Students can seek internship opportunities at municipal social service departments or non-profit agencies providing social services, social movement or community-based organizations working for social change, courts or parole offices, for-profit workplaces, or other organizations. Students must confirm internship arrangements well in advance and secure departmental approval for their internship position prior to the start of term (with students and host organizations required to complete institutional documentation in order for the internship to commence). This experiential learning course also includes class meetings, written assignments and oral presentations, as well as an assessment by the internship employer. An application/interview may be required (see Department of Sociology website for details). Note: International students should visit the International Education Centre to ensure they have the appropriate documentation required to work in Canada well before the start of the course/internship.</p>
University-Based Experience			
		SOC401H5	<p>Doing Public Sociology</p> <p>In this seminar course, students learn to communicate insights based in sociological research to a broader audience, beyond the university. Student design and execute projects (essays, creating a podcast or video, and/or public speaking) on sociological topics of their choosing related to law and/or crime. The course also provides students with guidance on how to locate sociological research through library resources and how to incorporate that research into their public sociology projects. Priority may be given to Criminology, Law and Society students.</p>
		SOC439Y5	<p>Research Project in Sociology</p> <p>This is a seminar course where students engage in an independent research project supervised by a faculty member in Sociology. Students develop a research proposal, conduct independent research, analyze data and present findings. Admission by academic merit. Interested students should submit an application to the Department of Sociology (see website for details). Preference given to eligible Sociology Specialists and Majors.</p>
		SOC440Y5	<p>Research Project in Criminology, Law and Society</p> <p>This is a seminar course where students pursue advanced research supervised by a faculty member in Criminology, Law and Society. Students develop a research proposal, conduct independent research, analyze data and present findings. Admission by academic merit. Interested students should submit an application to the Department of Sociology (see website for details). Preference given to eligible Criminology, Law and Society Specialists and Majors.</p>