



FOR RECOMMENDATION

PUBLIC

OPEN SESSION

TO: UTM Academic Affairs Committee

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DATE: January 4, 2021 for January 11, 2021

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. All major modifications shall be reported annually for information to the appropriate body of Governing Council.

GOVERNANCE PATH:

- 1. UTM Academic Affairs Committee [For Approval] (January 11, 2021)**

PREVIOUS ACTION TAKEN:

No previous action was taken on this proposal.

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 2021-2022 Academic Year.

The enclosed reports represents the proposed changes from the November 2020 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.

With the establishment of the new Institute for the Study of University Pedagogy (ISUP) at UTM on July 1, 2020, all three Divisional Curriculum Committees welcomed ISUP as a new member. In their inaugural round of undergraduate curriculum review, ISUP brought forward a proposal to introduce their new numeracy skills course, ISP130H5 (Numeracy for University and Beyond). This new course is in response to the recommendations of the Foundational Numeracy Skills Working Group at UTM and directly aligns with our Academic Plan. Rollout of this course will be on a smaller scale than the foundational writing course (ISP100H5 – Writing for University and Beyond). ISUP is also modifying three of their existing utmONE Scholars courses (UTM190H5, UTM191H5, and UTM192H5) to become special topics courses that allow for topic changes depending on the offering year and/ or instructor(s). Under this new format, the other existing utmONE Scholars courses will no longer be needed and will be retired in a future curriculum review round.

Across all three divisions, all special topics course descriptions have been modified to include a standard statement to advise students that contact type (lecture, tutorial, practical, or seminar) and total hours may vary from year to year. This acknowledges the diversity that can be seen in our special topics courses and provides units the flexibility to tailor the course to the instructors' needs, maximizing learning and improving the student experience.

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 25 programs and 192 courses. Of these course changes, academic units in the Humanities are looking forward to introducing an additional 20 new courses in 2021-2022 along with 155 course modifications and retiring/ deleting 17 courses. Of particular note are two new Indigenous Studies courses from Historical Studies (HIS255H5 – Introduction to Histories of Extraction and the Environment; HIS355H5 – Histories of Extraction and the Future of the Environment) that covers both Humanities and Social Sciences, highlighting the interdisciplinary nature of this field. English & Drama has also introduced a special topics course in Indigenous Storywork (ENG358H5), further highlighting the growth of Indigenous Studies at UTM. Other highlights from the Humanities included program name changes to the major and minor programs in Women and Gender Studies, which will now become “Women, Gender and Sexuality”. This name change formalizes what is already in practice in their courses and curriculum and reflects the intellectual direction of the faculty who support these programs. It also reinforces the themes of diversity and inclusion innate to these programs and their objectives. Finally, Language Studies is introducing new Language Teaching & Learning courses to help their students fulfill requirements for TESL certification. With these new courses, the Department is laying some early ground work for future

initiatives and programming that will grant graduates of their Language Teaching & Learning programs TESL certification.

Sciences Divisional Undergraduate Curriculum Committee

Changes proposed in the Sciences Divisional Undergraduate Curriculum Committee and reflected in the corresponding report include 32 program changes along with 115 course changes, of which 10 are new courses, 96 are modifications to existing courses, and 9 are course retirements/deletions. Three new courses in Astronomy are being introduced by the Department of Chemical & Physical Sciences (CPS) to reflect their investment and commitment to revitalizing their Astronomy programs and will be supported by new faculty hires in the field. CPS has also proposed a new senior level research project course (CPS489Y5 – Introduction to Research in the Chemical and Physical Sciences) that will bring together all disciplines within CPS, allowing the Department to better utilize their teaching resources to support mentoring and scaffolded research projects that help students manage their time more effectively while still having autonomy within their project. Computer Science programs within the Department of Mathematical & Computational Sciences (MCS) will introduce the foundational writing skills course (ISP100H5 – Writing for University and Beyond) to their programs beginning in 2021-2022. Changes to these programs account for ISP100H5 being introduced as both an enrolment and completion requirement as well as the removal of their current CSC290H5 course (Communication Skills for Computer Scientists) due to redundancy with ISP100H5. A number of modifications to existing course pre- and co-requisites were also necessary as a result of these changes. In the Department of Psychology, a new educational psychology course is being introduced (PSY314H5 – Educational Psychology: The Science of Learning) that will complement their existing offerings in the area of human learning and strengthen their Exceptionality in Human Learning programming.

Social Sciences Divisional Undergraduate Curriculum Committee

In the Social Sciences, 24 program changes were proposed along with 170 course changes (16 new courses, 135 course modifications, and 19 course retirements/ deletions). Noteworthy changes include the introduction of an internship course in Political Science (POL405Y5 – Political Science Internship), which is a course that has been part of the Department's plans for some time but did not have a suitable instructor. Political Science's recent faculty hire joins the Department with previous experience developing internship courses and cultivating such external partnerships. The Department is capitalizing on this boon by introducing this long-awaited course in 2021-2022. The Institute of Communication, Culture, Information and Technology (ICCIT) has proposed an introductory management-focused course designed specifically for their students (CCT112H5 – Introduction to Management in the Networked Information Economy). This course, which better addresses ICCIT's own vision, learning objectives, as well their students' needs, will replace the introductory courses offered by the Department of Management in their programs. The majority of the course and program changes proposed by ICCIT follow from this change. Similarly, the Department of Management is introducing a coding course specifically for their students (MGT301H5 – Coding and Data Management for Business Analytics (Accelerated)) that will help to increase their quantitative knowledge and skills. Finally, the Department of Anthropology has proposed three new courses that reflect the expertise of newly hired faculty.

FINANCIAL IMPLICATIONS:

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

RECOMMENDATION:

Be It Resolved,

THAT the proposed Humanities, Sciences and Social Sciences undergraduate curriculum changes for the 2021-22 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

Contents

Communication, Culture, Information, & Technology (UTM), Institute of	3
1 Program Modification	3
1 Course Modification	4
English and Drama (UTM), Department of	5
2 Minor Program Modifications	5
4 New Courses	7
6 Course Modifications	11
5 Retired Courses	13
Historical Studies (UTM), Department of	15
10 Minor Program Modifications	15
2 New Courses	27
90 Course Modifications	29
Language Studies (UTM), Department of	52
7 Minor Program Modifications	52
12 New Courses	58
54 Course Modifications	70
5 Retired Courses	87
Philosophy (UTM), Department of	89
5 Minor Program Modifications	89
2 Course Modifications	92
1 Retired Course	93
Study of University Pedagogy, Institute for the	94
1 New Course	94
2 Course Modifications	95
2 Retired Courses	96
Visual Studies (UTM), Department of	97
1 New Course	97
4 Retired Courses	97

TOTAL HUMANITIES MINOR PROGRAM MODIFICATIONS - 25

TOTAL HUMANITIES NEW COURSES – 20

TOTAL HUMANITIES COURSE MODIFICATIONS – 155

TOTAL HUMANITIES RETIRED (DELETED) COURSES - 17

1 Program Modification:

Professional Writing and Communication - Minor (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 ~~is 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 UofT 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:

4.0 credits are required.

First & Second Years:

1. First Year: WRI173H5 (0.5 credit) CCT109H5 and CCT110H5
2. Second Year: A minimum of 0.5 WRI credit at the 200-level WRI173H5 or WRI203H5

Third & Fourth Years: 3.0 WRI ~~2.5~~ credits at the 300- ~~of 300~~ or 400-level with a minimum of 0.5 credit at the 400-level ~~400 level WRI courses.~~

Description of Proposed Changes:

We are removing the CCT 100-level courses from enrolment and completion requirements

Rationale:

The program offers aspiring writers knowledge and experience they need to enter the Professional Writing profession. The CCT 100-level courses present substantial barriers to the PWC minor.

Impact:

None

Consultation:

Discussed and Approved ICCIT Curriculum Committee October 2020.

Resource Implications:

None

1 Course Modification:

CCT399Y5: Research Opportunity Program (ROP)

Description:

This course provides an opportunity for third or higher year students to assist with the research project of a professor in return for 399Y course credit. Students have an opportunity to become involved in original research and enhance their research skills. **Based on the nature of the project, projects may satisfy the Humanities, Sciences or Social Sciences distribution requirement.** 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**.

~~details.~~

Distribution Requirements:

Previous: Social Science, Science, Humanities

New:

Rationale:

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Humanities, Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:

Resources:

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 3 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, 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, ENG460H5, ENG461H5, ENG462H5.
 - At least 0.5 credits in Literature 1700-1900: ENG305H5, ENG306Y5, ENG308Y5, ENG314H5, ENG315H5, ENG322Y5, ENG323H5, ENG324Y5, ENG325H5, ENG337H5, 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, ENG351H5, ENG360H5, ENG363Y5, ENG364Y5, ENG365H5, ENG366H5, ENG367H5, ENG368H5, ENG394H5, ENG395H5, ENG435H5, ENG436H5.

Description of Proposed Changes:

Rationale:

Added current courses to group categories: ENG204H5, ENG223H5, ENG271H5.

Added new courses to group categories: ENG310H5, ENG317H5, ENG334H5, ENG346H5, ENG355H5, ENG356H5, ENG359H5, ENG367H5, ENG368H5, ENG369H5

Added a new note to program to designate that a course cannot count toward more than 1 group.

All of these changes have been made to our English Specialist during the last curriculum meeting. These changes are to update our Major program as well.

Impact:

Consultation:

Resource Implications:

None

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 credits distributed among the following areas, as follows:
 - At least 1 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 credit in Race, Ethnicity, Diaspora, Indigeneity: ENG271H5, ENG272H5, ENG273H5, ENG274H5, 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, ENG326H5, ENG327H5, ENG330H5, ENG331H5, ENG335H5, ENG336H5, ENG460H5, ENG461H5, ENG462H5.
 - At least 1.5 credits in Literature 1700-1900: ENG305H5, ENG306Y5, ENG308Y5, ENG314H5, ENG315H5, ENG322Y5, ENG323H5, ENG324Y5, ENG325H5, ENG337H5, ENG345H5, 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, **ENG351H5**, ENG360H5, ENG363Y5, ENG364Y5, ENG365H5, ENG366H5, ENG367H5, ENG368H5, ENG394H5, ENG395H5, ENG435H5, ENG436H5.

Description of Proposed Changes:

Rationale:

Added new course offerings to group categories.

Impact:

Consultation:

Resource Implications:

None

4 New Courses:

ENG344H5: Spaces of Fiction

Contact Hours:

Lecture: 36

Description:

Real or imagined geographical locations, landscapes, rooms and houses play an important role in literature. In addition to providing a narrative setting, fictional space might guide our interpretation of plot, serve as a metaphor for broader historical, sociological or psychological issues, or become a character in its own right. Ranging across a variety of literary periods and genres, this course will explore how works of fiction describe space and how these descriptions shape our responses. Authors and texts may range from the early English period to the present day, including Beowulf, Geoffrey Chaucer, William Shakespeare, Margaret Cavendish, Jane Austen, Edgar Allan Poe, Nathaniel Hawthorne, Henry James, Virginia Woolf, Daphne du Maurier, Shirley Jackson, Gloria Naylor, Toni Morrison, Arundhati Roy, Amitav Ghosh, V.S. Naipaul, and so on.

Prerequisites:

1.0 credit in ENG and 3.0 additional credits.

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

This course reflects the recent “spatial turn” in literary studies. This course is being added because it is essential to diversifying our curriculum and to keeping it current with the most recent work in the field in terms of approaches to literature.

Consultation:**Resources:**

Instructor; Classroom with A/V Technology.
Resource Implications Form has been submitted.

ENG351H5: Toni Morrison: Texts and Contexts

Contact Hours:

Lecture: 36

Description:

In this advanced introduction to the work of Toni Morrison, we will encounter masterpieces such as *Sula*, *Song of Solomon*, and *Beloved* and pay particular attention to questions of literary tradition and inheritance, form and narrative voice, and ethics in contexts of oppression. We will read most of Morrison's novels, alongside major essays, in the chronological order in which they were published. Students will be introduced to major themes in African American literary criticism and theory through close engagement with Morrison's oeuvre and its critical legacy.

Prerequisites:

1.0 credit in ENG and 3.0 additional credits.

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

Toni Morrison, whose work addresses the black American experience, has obtained canonical status as one of the best-known modern novelists and essayists. This course is being added because they are essential to diversifying our curriculum and to keeping it current with the most recent work in the field in terms of genres of (ENG351H5) literature.

Consultation:

Anna Thomas

Resources:

Instructor; Classroom with A/V Technology.

Resource Implications Form has been submitted.

ENG358H5: Special Topic in Indigenous Storywork

Contact Hours:

Lecture: 36

Description:

Applying decolonial and Indigenous methodologies, students will explore Indigenous texts, media, and/or performances, spanning traditional and innovative forms, genres, and mediums engaged by Indigenous writers and makers. Topics will vary from year to year.

Prerequisites:

1.0 credit in ENG and 3.0 additional credits.

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

We have no Indigenous special topics courses on the books, even though we have faculty member to teach them. This course will introduce students to the newest ideas in relation to Indigenous texts, media, and/or performances, spanning traditional and innovative forms, genres, and mediums engaged by Indigenous writers and makers.

Consultation:

Maria Hupfield

Resources:

Instructor; Classroom with A/V Technology.
Resource Implications Form has been submitted.

ENG400H5: Capstone Seminar: Writing a Research Project

Contact Hours:

Seminar: 24

Description:

This course offers specialists and advanced majors an opportunity to do sustained and intensive research on a topic developed in consultation with the instructor. Course instruction will consist of training in various research methodologies, advice and help in putting together reading and research lists, and guided workshops where students can practice drafting, editing, and peer editing as well as comparing notes and research materials.

Prerequisites:

Completion of 14.5 credits. English Specialists have priority for registration, followed by English Majors.

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

This course is most specifically designed to target our 7th departmental learning outcome, which states that we would like our students to “Undertake secondary research in order to engage the forms and techniques of academic argument and enter into ongoing critical conversations about literary texts.” While we introduce and develop these skills at all levels of the curriculum, this course serves as a capstone to undergraduate research, giving students the time and space to develop and work towards a culminating, self-determined research project, under the guidance of the instructor, and alongside their peers. Allowing students to develop their own research topic rather than having it emerge from a course (like in the other 400-level seminars, themed around topics), also helps to advance LOs 2 and 6, which help them to appreciate and investigate diverse topics and voices, and write in creative and original ways, respectively.

Consultation:

Liza Blake, Melissa Gniadek, Anjuli Raza Kolb, Danny Wright

Resources:

Instructor; Classroom with A/V Technology.
Resource Implications Form has been submitted.

6 Course Modifications:

ENG259H5: Literature and Environmental Criticism

Description:

This course examines ~~is an introduction to the field of ecocriticism:~~ the relationship between ~~study of literary~~ writing ~~about nature~~ and the ~~of literature's role in thinking about~~ environment. Students will examine the role ~~read work by prominent theorists~~ of the written word in defining, thinking about, ~~field~~ and acting in the interest of the planet and its climate, while considering ~~by major~~ literary genres ~~writers such as Shakespeare,~~ theoretical frameworks ~~Marvell,~~ and contemporary and multidisciplinary debates. Readings will vary but may include Wordsworth; ~~Coleridge,~~ Thoreau; ~~Emerson,~~ Whitman; ~~Dickens,~~ Carson ~~Hardy,~~ Glissant ~~Pratt,~~ Butler ~~Lawrence,~~ Kincaid ~~Frost,~~ and Ghosh ~~Atwood.~~

{36L}

Rationale:

The previous description is outdated. The updated course description better represents the current state of the field.

Consultation:

From Anna Thomas, with Avery Slater, Melissa Gniadek, and Stanka Radović

Resources:

ENG305H5: Swift, Pope, and their Contemporaries

Title:

Previous: Swift, Pope, and their Contemporaries

New: Eighteenth-Century Satire and Print Culture

Description:

This course surveys what has been referred to as the ‘golden age of satire,’ a period that witnessed a flourishing of satirical poetry, ~~Selected works in~~ prose, drama, and illustration as powerful modes of critique. In the process of analyzing works ~~verse~~ by Swift, ~~and~~ Pope, Montagu, Gay, Hogarth, and others, this course will explore concerns such as the rise of print culture, ~~studied alongside works by their contemporaries.~~ ~~Topics may include~~ the legitimacy of satire, the gendering of satire, the role of criticism, the limits of humour, censorship, and the threat ~~growing importance~~ of seditious libel ~~writing by women.~~

{36L}

Rationale:

The current title, “Swift, Pope, and Their Contemporaries,” does not reflect scholarship over the last 20+ years, which has revealed the contributions of women writers to the genre—e.g.

Lady Mary Wortley Montagu and Mary Robinson. Also, the names “Pope” and “Swift” are not recognized by most students. Finally, the change from a nominal to a topical title shifts the focus from “great authors” to an exploration of subjects such as print authorship and seditious libel.

Consultation:

Terry Robinson

Resources:

ENG317H5: Drama of the Global South

Description:

This course ~~compares~~ ~~is pivoted on a comparative study of the~~ works of selected playwrights of the Global South in an effort to understand ~~how~~ their refashioning of ~~postcolonial~~ ~~post-colonial~~ perspectives and subaltern histories; ~~offers an alternate means of interrogating the precarious North-South binary of the colonizer-colonized, ‘the west and the rest,’ us~~

and them, the core and periphery. Ranging In going beyond the 'distraction' of the West and its theatrical traditions, the course will explore focus primarily on integrating innovative theatrical performances that focus more on South-South affiliations and that link discourses, places, and people positioned 'positioned' between peripheries peripheries' (Boehmer 2001). Students On the way we will learn about discover traditions of orality, cultural pluralities, and indigenous mythic/folk styles that constitute the as constituting a unique syncretism of South-South theatre cultures. Writers may will include Padmanabhan, Nadeem, Jinghui, Taha, Fugard, Aidoo, Ngugi wa Thiong'o, Miri, Walcott, Triana, and Dorfman.

Rationale:

The updated course description better represents course content.

Consultation:

Resources:

ENG349H5: Contemporary Poetry

Description:

Previous: Works by at least six contemporary poets, such as Dickey, Ginsberg, Heaney, Howard, Hughes, Larkin, Lowell, Plath, Warren . [36L]

New:

This course examines works by a variety of contemporary poets, focusing on how their writing participates in contemporary dialogues about art, society, and the larger world . < / p>

Rationale:

The previous description is outdated. The updated description provides a more detailed version of course content. Because the definition of what is "contemporary" is constantly changing, it no longer features poets' names, which will allow the course to grow into the future.

Consultation:

Avery Slater

Resources:

ENG373H5: Creative Writing: Poetry

Prerequisites:

Previous: 1.0 credit in ENG and 3.0 other credits.

New: ENG289H5 or ENG291H5

Enrolment Limits:

Previous:

New: 20 students maximum

Rationale:

RE Change in cap:These courses are now being scheduled as seminar courses (24S), which is how they have always been listed in the calendar. The logic is that they should have the same enrollment cap as our other seminars (the 400-levels), which is 20. This cap will help prevent instructor overload

RE: Our creative writing instructors suggest that these 200-level creative writing courses provide better preparation for these 300-level courses than a more general '1.0 credit in ENG and 3.0 other credits.'"

Consultation:

consultation with Geoff Bouvier and Brent Wood, with the support from the Creative Writing Committee

Resources:

ENG374H5: Creative Writing: Prose

Prerequisites:

Previous: 1.0 credit in ENG and 3.0 other credits

New: ENG289H5 or ENG291H5

Enrolment Limits:

Previous:

New: 20 students maximum

Rationale:

E: Enrollment cap: : These courses are now being scheduled as seminar courses (24S), which is how they have always been listed in the calendar. The logic is that they should have the same enrollment cap as our other seminars (the 400-levels), which is 20. This cap will help prevent instructor overload

RE: prerequisites: Our creative writing instructors suggest that these 200-level creative writing courses provide better preparation for these 300-level courses than a more general '1.0 credit in ENG and 3.0 other credits.'"

Consultation:

Geoff Bouvier and Brent Wood, with the support from the Creative Writing Committee

Resources:

5 Retired Courses:

ENG220Y5: Shakespeare

Rationale:

ENG220Y has not been offered in at least 4 years. The professor who regularly taught it, Holger Syme, does not envision teaching the course again nor does he envision the Department offering it again.

Consultation:

ENG270H5: Writing and Resistance: Decolonizing Literature

Rationale:

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and is no longer offered

Consultation:

ENG272H5: Literature and Exile

Rationale:

This course has been renumbered to ENG273H5 Literatures of Immigration and Exile.

Consultation:

ENG304Y5: Poetry and Prose, 1600-1660

Rationale:

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and is no longer offered.

Consultation:

ENG321H5: Poetry and Prose 1600-1660

Rationale:

ENG321H5 was the previous ENG304Y5, which was broken up into Seventeenth-Century Poetry (now ENG304H5) and Milton (now ENG303H5). ENG321H5 no longer exists and needs to be removed from the books.

Consultation:

10 Minor Program Modifications:

History - Major (Arts)

Completion Requirements:

7.0 HIS credits are required meeting the following requirements:

First Year: 0.5 credit from HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5.

Higher Years:

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

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

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

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

3.0 ~~HIS 300 level~~ credits at the 300+level.

0.5 ~~400 level~~ HIS credits at the 400-level.

NOTES: ~~credit~~

- Majors are permitted to substitute non-HIS courses for up to 1.0 HIS credits. All Classical Civilization and History of Religions courses in the Department of Historical Studies are suitable substitutions. Other substitutions will be considered on a case-by-case basis after the submission of the relevant syllabus.

In the major program, language courses offered by the Department of Language Studies at U of T Mississauga and by the various departments teaching languages on the St. George campus may be substituted for up to 1.0 History credits. These courses must be relevant for the student's coursework in History, and will be substituted at the same level as they are offered (e.g., a language at the 200-level will be substituted for a History credit at the 200-level, and a language at the 300-level will be substituted for a History credit at the 300-level). Students are invited to contact the Academic Counsellor for further information.

For a current list of the courses falling under the various geographical and topical areas of study, see the Departmental Handbook.

Description of Proposed Changes:

Rationale:

To include the new HIS100 level courses added to the calendar.

Impact:

Consultation:

Resource Implications:

History - Minor (Arts)

Completion Requirements:

4.0 HIS credits are required meeting the following requirements:

First year: 0.5 credit from HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or **HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5**. It is recommended that this course be taken in the first year.

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

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

1.0 HIS credits **credit** at the 300+level.

1.5 HIS credits at the 200+level. **300 level**

For a current list of the courses falling under the various geographical and topical areas of study, see the Departmental Handbook.

Description of Proposed Changes:

Rationale:

To include the new HIS100 level courses added to the calendar. . To ensure students are only permitted to use 0.5 HIS100 level credits to complete their program requirements.

Impact:

Consultation:

Resource Implications:

History - Specialist (Arts)

Completion Requirements:

10.0 HIS credits are required meeting the following requirements:

First Year: 0.5 credit from HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5.

Higher Years:

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

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

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

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

3.0 ~~HIS 300-level~~ credits at the 300+level.

1.0 ~~400-level~~ HIS credits at the 400-level.

2.5 additional HIS credits at the 200+level

NOTES: ~~any level~~

- Specialists are permitted to substitute non-HIS courses for up to 2.0 HIS credits. All Classical Civilization and History of Religions courses in the Department of Historical Studies are suitable substitutions. Other substitutions will be considered on a case-by-case basis after the submission of the relevant syllabus.
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In the specialist program, language courses offered by the Department of Language Studies at U of T Mississauga and by the various departments teaching languages on the St. George campus may be substituted for up to 1.0 History credits. These courses must be relevant for the student's coursework in History, and will be substituted at the same level as they are offered (e.g., a language at the 200-level will be substituted for a History credit at the 200-level, and a language at the 300-level will be substituted for a History credit at the 300-level). Students are invited to contact the Academic Counsellor for further information.

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For a current list of courses falling under the various geographical and topical areas of study, see the Departmental Handbook.

Rationale:

To include the new HIS100 level courses added to the calendar. To ensure students are only permitted to use 0.5 HIS100 level credits to complete their program requirements.

Impact:**Consultation:****Resource Implications:****History and Political Science - Specialist (Arts)****Completion Requirements:**

14.0 credits are required.

History

7.0 credits are required.

First Year:

• 0.5 credit from HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5.

0.5 • ~~an additional~~ HIS credits ~~credit~~ at the ~~200-level~~ ~~200 level~~ may be taken.

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

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

2.0 credits at the ~~300+level~~ ~~300+ level~~ credits.

• 1.0 HIS credit at the 400-level.

2.0 • ~~2.5~~ additional HIS credits at the ~~200+level~~. ~~any level~~

Note: 2.0 HIS credits must correspond in region or theme to 2.0 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 in POL are required, including at least 1.0 at the 300 level and 1.0 at the 400 level and no more than 1.0 at the 100 level.

1. POL200Y5 ~~POL 200Y5~~ and POL215H5 and POL216H5

2. 1.0 credit from two of the following three fields: Comparative Politics, International Relations, Public Policy and Administration

3. ~~4.0~~ ~~3.0~~ Additional POL credits.

Description of Proposed Changes:

Rationale:

To include the new HIS100 level courses added to the calendar and to clarify the entry requirements for the program.

Impact:

Consultation:

Resource Implications:

History of Religions - Major (Arts)

Completion Requirements:

7.5 RLG credits are required.

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

Higher Years:

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

NOTES:

- Majors are permitted to substitute non-RLG course for up to 1.0 RLG credits. A list of courses suitable as substitutions is available in the Department of Historical Studies Handbook. Other substitutions will be considered on a case-by-case basis after the submission of the relevant syllabus.

In the major ~~program and specialist programs~~, language courses offered by the Department of Language Studies at U of T Mississauga and on the St. George campus relevant for a student's coursework in the History of Religions may be substituted for 300-level RLG credits. In this substitution, a language course of 1.0 credits corresponds to an RLG course of 1.0 credits at the 300 level only for a primary source language related to the ~~student's coursework~~ ~~Concentration~~ (Arabic, Persian, Latin, Greek, Hebrew, Avestan, Sanskrit, ~~Hindi, Urdu Hindi-Urdu~~, Chinese, etc.). Students are invited to contact the Academic Counsellor for further information:

~~Concentrations: Majors in a History of Religions program must select a concentration in one of the following areas: Buddhism, Christianity, Islam, Judaism, South Asian Religions or Zoroastrianism.~~

Description of Proposed Changes:

Rationale:

The religion program is discontinuing the use of concentrations in the various religious traditions. Students are now able to complete 300-level credits in any area. This change was based on the enrollment study completed for the department where students indicated they were interested in a larger variety of courses and wanted the requirements to be easier to navigate. The concentrations were confusing students and the change reflects the types of courses the program is now teaching.

Impact:

Consultation:

Resource Implications:

History of Religions - Minor (Arts)

Completion Requirements:

4.0 RLG credits are required.

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

Higher Years:

- 1.5 RLG ~~200-level~~ credits at the 200-level
- 1.0 RLG ~~300/400-level~~ credits at the 300+level
- 1.0 additional RLG credits at any level

Description of Proposed Changes:

Rationale:

Standardizing how the program requirements are listed in the Academic Calendar.

Impact:

Consultation:

Resource Implications:

History of Religions - Specialist (Arts)

Completion Requirements:

10.0 RLG credits are required.

First Year: 0.5 ~~credit~~² ~~credits~~ in RLG101H5. It is recommended that this course be taken in the first year.

Higher Years:

- 2.0 RLG ~~200-level~~ credits at the 200-level
- RLG312Y5 *How to Study Religion*
- ~~1.5 300+ level credits in a Concentration~~
- ~~3.5 RLG 2.0 additional~~ credits at the 300+level ~~300+ level~~
- 1.0 RLG ~~400-level~~ credits at the 400-level

- 0.5 RLG Independent Reading ~~courses~~ ~~course~~
- 1.5 additional RLG credits at any level

NOTES :

- Specialists are permitted to substitute non-RLG courses for up to 1.0 RLG credits. A list of courses suitable as substitutions is available in the Department of Historical Studies Handbook. Other substitutions will be considered on a case-by-case basis after the submission of the relevant syllabus.

In the ~~major and~~ specialist ~~program programs~~, language courses offered by the Department of Language Studies at U of T Mississauga and on the St. George campus relevant for a student's coursework in the History of Religions may be substituted for 300-level RLG credits. In this substitution, a language course of 1.0 credits corresponds to an RLG course of 1.0 credits at the 300 level only for a primary source language related to the ~~student's coursework~~ ~~Concentration~~ (Arabic, Persian, Pahlavi, Latin, Greek, Hebrew, Avestan, Sanskrit, Pali, ~~Hindi, Urdu Hindi-Urdu~~, Chinese, etc.). Students are invited to contact the Academic Counsellor for further information.

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

~~Concentrations: Specialists in a History of Religions program must select a concentration in one of the following areas: Buddhism, Christianity, Islam, Judaism, South Asian Religions, or Zoroastrianism.~~

Description of Proposed Changes:

Rationale:

The religion program is discontinuing the use of concentrations in the various religious traditions. Students are now able to complete 300-level credits in any area. This change was based on the enrollment study completed for the department where students indicated they were interested in a larger variety of courses and wanted the requirements to be easier to navigate. The concentrations were confusing students and the change reflects the types of courses the program is now teaching.

Impact:

Consultation:

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 ~~in Group A or B~~ below. These must include courses from two of the following disciplines: History (HIS), ~~History of Religions Religion~~ (RLG) ~~or~~, Women ~~and Gender Studies~~ (WGS), ~~Gender or Diaspora~~ and ~~Sexuality Transnational Studies~~ (WGS ~~DTS~~) within the Department of Historical Studies, ~~Philosophy~~ (PHL), Political Science (POL), Language Studies (LAN), Visual Studies (VCC; ~~CIN~~, FAH); ~~Sociology~~ (SOC), and Anthropology (ANT).

~~First Year: Recommended: ANT102H5, HIS101H5, POL114H5, RLG101H5, SOC100H5, VST100H5 (maximum 1.0 credits)~~

Higher Years:

- SAH200H5
- 1.0 credit from the following list of courses: CIN215H5 or DTS201H5, HIN212Y5, HIS282H5 or, PRS210Y5, RLG204H5, RLG205H5 or, RLG206H5, RLG207H5 or RLG210H5 or RLG303H5 or POL304Y5 or HIN211H5 or URD212Y5 or PUN212Y5 or, RLG208H5 ; 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, ANT320H5

Cinema Studies: CIN302H5

Diaspora and Transnational Studies: DTS201H5

Fine Art History: FAH383H5 FAH281H5, FAH282H5, FAH385H5, FAH395H5, FAH495H5

Geography: GGR367H5

Language Studies: HIN212H5 HIN211H5, HIS212H5, HIN311H5, HIN312H5, HIN313H5 HIS313H5, HIN411H5, HIN412Y5, PRS210H5, PRS211H5, PRS310H5, PRS311H5; SAN291Y5, SAN392Y5; URD212Y5, URD312Y5

History: HIS211H5, HIS212H5, HIS282H5, HIS382H5, HIS386H5, HIS388H5, HIS389H5, HIS394H5, HIS448H5, HIS484H5

History of Religions: RLG204H5, RLG205H5, RLG206H5, RLG207H5, RLG208H5, RLG304H5, RLG307H5, RLG308H5, RLG310H5; RLG347H5, RLG348H5, RLG356H5, RLG360H5; RLG371H5, RLG373H5, RLG374H5, RLG449H5, RLG361H5 RLG460H5

Political Science: POL303Y5, RLG362H5 POL304Y5, RLG365H5 POL446H5

Visual Culture and Communication: VCC306H5, RLG366H5 VCC360H5, RLG421H5 VCC406H5

In consultation with the Academic Counsellor of the Department for Historical Studies and depending on the focus of the course, RLG422H5 the following courses may qualify on a year-to-year basis:

Language Studies: ARA211Y5, RLG460H5 ARA212Y5, RLG463H5 ARA312Y5, RLG464H5 ARA412Y5

Cinema Studies: CIN215H5

Fine Art History: FAH282H5, RLG465H5 FAH465H5

Philosophy History: PHL235H5 HIS366H5, HIS493H5

Political Science History of Religions: POL305H5 RLG305H5, RLG370H5, RLG450H5, RLG451Y5, POL305Y5 RLG452H5, POL446H5 RLG470H5

Visual Culture and Communication Sociology: VCC406H5 SOC354H5, SOC375H5

Women and Gender Studies: WGS335H5, Gender WGS368H5

Visual Culture and Sexuality Studies Communication: WGS345H5 VCC306H5, VCC406H5

Description of Proposed Changes:

Rationale:

The list of acceptable courses had not been reviewed since the implementation of the program, some courses don't exist anymore or are no longer relevant. The updated list of electives includes courses with a South Asian focus.

Impact:

Consultation:

Resource Implications:

Women, Gender and Sexuality Studies - Major (Arts)

Title:

Women , ~~and~~ Gender ~~and~~ Sexuality Studies - Major(Arts)

Enrolment Requirements:

Limited Enrolment — Students enrolling at the end of first year(4.0 credits) must ~~achieve~~ ~~obtain a CGPA of at least 1.80~~ ~~and~~ a minimum grade ~~mark~~ of ~~at least~~ 65% in WGS101H5 ~~WGS200Y5~~. Students who do not meet this criteria can apply ~~applying~~ to enrol after second year (8.0 credits) ~~with~~ ~~must obtain a CGPA of at least 2.00~~ and a minimum grade ~~mark~~ of ~~at least~~ 65% in WGS200Y5.

Completion Requirements:

7.0 credits are required ~~including WGS200Y5, 2.0 WGS credits at the 300+ level and 0.5 WGS credits at the 400 level.~~
~~NOTE: Some "WGS" credits were formerly labelled "ERI".~~

First Year: WGS101H5 (~~recommended~~)

Higher Years:

- WGS200Y5
- 2.0 WGS credits at the ~~300+level~~ ~~300/400 level~~
- ~~1.0~~ ~~0.5~~ WGS credits at the ~~400-level~~ ~~400 level~~
- ~~2.5~~ ~~3.5~~ 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, 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

Description of Proposed Changes:

Rationale:

The new program description more fully and clearly expresses the scholarly and pedagogical foundation of the program. The addition of Sexuality to the program title and program description more closely reflects the current curriculum and intellectual direction. Not only does the program have an existing sexuality “stream”, but also most of the program’s courses include an emphasis on sexuality theories and studies. WGS101H5 was listed as a recommended preparation but through past experience, it often is seen by students as the program entry point. This will allow students to have another option into the program because they will be able to post into WGS earlier than waiting another year after WGS200Y5. Increasing the fourth year requirement to 1.0 will allow students another opportunity to engage more intensely with WGS scholarship and better prepare them for potential future study.

Impact:

Consultation:

Resource Implications:

Women, Gender and Sexuality Studies - Minor (Arts)

Title:

Women , ~~and~~ Gender and Sexuality Studies - Minor(Arts)

Completion Requirements:

4.0 credits are required, including WGS200Y5 and 1.0 WGS credits at the 300/400 level.

First Year: WGS101H5 (recommended)

Higher Years:

- WGS200Y5
- 1.0 WGS credits at a
- † the 300+level ~~300/400 level~~
- 1.5 ~~2.0~~ 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, **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.

Description of Proposed Changes:

Rationale:

The new program description more fully and clearly expresses the scholarly and pedagogical foundation of the program. The addition of Sexuality to the program title and program description more closely reflects the current curriculum and intellectual direction. Not only does the program have an existing sexuality “stream”, but also most of the program’s courses include an emphasis on sexuality theories and studies. WGS101H5 was listed as a recommended preparation but through past experience, it often is seen by students as the program entry point. This will allow students to have another option into the program because they will be able to post into WGS earlier than waiting another year after WGS200Y5. Updating the list of electives to include the new courses added during this curriculum cycle.

Impact:

Consultation:

Resource Implications:

2 New Courses:

HIS255H5: Introduction to Histories of Extraction and the Environment

Contact Hours:

Lecture: 24 / Tutorial: 12

Description:

An introduction to the historical and ongoing disruptions of colonial extraction in Canada and their treatment within the historical record. From natural resources to Indigenous lands and knowledges, this course will deepen students' understandings of the processes, industries and technologies responsible for settler colonial extraction in Canada.

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

This course addresses a gap in our curriculum. This course uses an historical as well as Indigenous, feminist, and science and technology studies (STS) methods to examine colonization, people, and the environment. This course could count as electives in the Women and Gender Studies program at UTM.

Consultation:

Will consult with the Geography Department.

Resources:

TA support will be required. There will be an optional field trip component to this course, we are in the process of discussing funding for transportation.

HIS355H5: Histories of Extraction and the Future of the Environment

Contact Hours:

Lecture: 24

Description:

This course uses Indigenous, transnational and feminist frameworks to examine colonialism's impact on the environment. From Turtle Island (Canada/U.S.) to Aotearoa (New Zealand), this course dismantles colonial histories, extractive industries and the state apparatuses that govern our relationship to the environment to form alternative understandings of environmental histories and futures.

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

HIS255H5

Rationale:

This course addresses a gap in our curriculum. Extractive Histories uses historical as well as Indigenous, feminist, and science and technology studies (STS) methods to examine the ongoing colonization of people and their environments. This 300-level course builds on our new 200-level introduction to resource extraction. This course could count as electives in the Women and Gender Studies program at UTM.

Consultation:

Will consult with the Geography Department.

Resources:

There will be an optional field trip component to this course, we are in the process of discussing funding for transportation.

90 Course Modifications:

DTS201H5: Introduction to Diaspora and Transnational Studies I

Exclusions:

DTS200Y1 and DTS201H1 and ~~DT~~ DTSB01H3

Distribution Requirements:

Previous: Humanities , Social Science

New: Humanities

Rationale:

Updating exclusion to UTSG course.

Consultation:**Resources:**

DTS202H5: Introduction to Diaspora and Transnational Studies II

Exclusions:

DTS200Y1 and DTS202H1 and ~~DT~~ DTSB02H3

Distribution Requirements:

Previous: Humanities , Social Science

New: Humanities

Rationale:

Updating exclusion to UTSG course.

Consultation:**Resources:**

HIS101H5: Introduction to History

Exclusions:

HIS102H5 and HIS103H5 and HIS104H5 and HIS105H5 and HIS106H5 and HIS107H5 and HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as exclusions to the existing course.

Consultation:**Resources:**

HIS102H5: A History of Discoveries and Inventions in the Ancient, Medieval, and Early Modern World.

Exclusions:

HIS101H5 and HIS103H5 and HIS104H5 and HIS105H5 and HIS106H5 and HIS107H5 and HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as exclusions to the existing course.

Consultation:

Resources:

HIS103H5: Revolutions in History

Exclusions:

HIS101H5 and HIS102H5 and **HIS104H5 and HIS105H5 and HIS106H5 and HIS107H5 and HIS108H5** ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as exclusions to the existing course.

Consultation:

Resources:

HIS104H5: A History of Here

Exclusions:

HIS101H5 and HIS102H5 and **HIS103H5 and HIS105H5 and HIS106H5 and HIS107H5 and HIS108H5** ~~HIS103H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as exclusions to the existing course.

Consultation:

Resources:

HIS236H5: Introduction to British History

Rationale:

To correct an error in the course description.

Consultation:

Resources:

HIS250H5: Introduction to Russian History

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or **HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5** ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS263Y5: The History of Canada

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5. ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS271H5: US History, Colonial Era to 1877

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS272H5: US History, 1877-present

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS282H5: Introduction to South Asian History

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS284H5: Introduction to East Asian History

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS290H5: Introduction to Latin American History

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS295H5: Introduction to African History

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS300H5: Islam and Muslims in the Balkans

Recommended Preparation:

Previous:

New: HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS306H5: The Cold War

Recommended Preparation:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5)
and(HIS242H5 or HIS250H5).

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing

course.

Consultation:

Resources:

HIS307H5: The Russian Revolutions of 1917

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS308H5: Themes in the History of Women Before 1800

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS309H5: Anglo-Saxon England

Recommended Preparation:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and (HIS221H5 or ~~HIS220H5~~/HIS327Y5; or another course in medieval history). ~~history.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course. Correcting recommended preparation discrepancy between 2020-2021 Calendar and system.

Consultation:

Resources:

HIS310H5: The History of Women Since 1800

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS311H5: Introduction to Canadian International Relations

Exclusions:

HIS311Y1 and; HISC46H3

Recommended Preparation:

Previous:

New: HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course. Correcting recommended preparation discrepancy between 2020-2021 Calendar and system.

Consultation:

Resources:

HIS313H5: Canadian Working-Class History to 1919

Corequisites:

Previous: 1.0 credit from the following list:ECO244Y5; HIS262Y5, (HIS262H5, HIS263H5) , HIS263Y5; SOC227H5

New: 1.0 credit from ECO244Y5 or HIS262H5 or HIS263Y5 or SOC227H5

Exclusions:

HIS313Y5 or; HIS313Y1

Recommended Preparation:

Previous:

New: HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5.

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course. Correcting recommended preparation discrepancy between 2020-2021 Calendar and system.

Consultation:

Resources:

HIS314H5: 20th Century Canadian Working-Class History

Corequisites:

1.0 credit from the following list:ECO244Y5 or ECO244Y5; HIS262Y5, (HIS262H5 or HIS263Y5 or; HIS263H5) HIS263Y5; SOC227H5

Exclusions:

HIS313Y5 or; HIS313Y1

Recommended Preparation:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and HIS313H5

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course. Correcting recommended preparation discrepancy between 2020-2021 Calendar and system.

Consultation:**Resources:****HIS318H5: Canadian Environmental History: Contact to Conservation****Recommended Preparation:**

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5)
and(HIS261H5 or HIS262H5 or HIS263Y5)

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:****HIS319H5: Canadian Environmental History: Conservation to the Modern Environmental Movement****Recommended Preparation:**

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5)
and(HIS261H5 or HIS262H5 or HIS263Y5 or HIS318H5)

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:****HIS321H5: Medieval and Early Modern Scotland****Recommended Preparation:**

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5)
and(HIS220Y5 or HIS221H5 or HIS230H5)

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:****HIS325H5: Modern African History****Recommended Preparation:**

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:****HIS326Y5: History of Women in Canada, 1600-2000****Recommended Preparation:**

HIS101H5 or HIS102H5 or HIS103H5 or ~~HIS104H5~~ or ~~HIS105H5~~ or ~~HIS106H5~~ or ~~HIS107H5~~ or ~~HIS108H5~~ ~~HIS104H5~~.

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:****HIS327Y5: From Antiquity to the Middle Ages: Europe 300-800****Prerequisites:**

~~HIS220H5~~/HIS220Y5 or ~~HIS221H5~~ or/CLA101H5 or/CLA231H5 or/CLA310H5 or/CLA367H5 or/CLA368H5 or/CLA369H5 or ~~Permission of Instructor P.I.~~

Recommended Preparation:**Previous:**

New: HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5

Rationale:

Updating the list of prerequisites. To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:****HIS330H5: Politics and Political Change in Latin America****Recommended Preparation:**

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or ~~HIS105H5~~ or ~~HIS106H5~~ or ~~HIS107H5~~ or ~~HIS108H5~~) and ~~HIS290H5~~ ~~HIS290H5~~.

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:**

HIS338H5: The Holocaust in Nazi Germany and Occupied Europe

Recommended Preparation:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and a course in modern European history.

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:**

HIS339H5: Postwar Germany, 1945-present

Recommended Preparation:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and(HIS242H5 or HIS338H5).

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:**

HIS340H5: The Reformation in Europe

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:**

HIS351H5: Twentieth-Century Russia

Recommended Preparation:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 and HIS250H5 ~~HIS250H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:**

HIS357H5: The Renaissance

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:**

HIS358H5: Canada Since World War Two

Recommended Preparation:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and(HIS262H5 or HIS263Y5).

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:**

HIS364H5: International Labour Migration

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:**

HIS366H5: Diasporic Histories & Cultures

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:**

HIS367H5: Diasporic Canada

Recommended Preparation:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and (HIS262H5 or HIS263Y5)

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:****HIS368H5: Canada in the First World War****Prerequisites:**

Previous: HIS261H5 / HIS262Y5/ HIS263H5/ HIS263Y5/ POL100Y5

New: HIS261H5 or HIS262H5 or HIS263Y5

Recommended Preparation:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and any **A** Canadian or European history ~~course~~ **course**.

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course. Correcting recommended preparation discrepancy between 2020-2021 Calendar and system.

Consultation:**Resources:****HIS369H5: Great Lakes Aboriginal History****Recommended Preparation:**

Previous:

New: HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course. Correcting recommended preparation discrepancy between 2020-2021 Calendar and system.

Consultation:**Resources:****HIS370H5: The American Revolution****Recommended Preparation:**

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and (HIS271H5 or HIS272H5 or ~~HIS271Y5~~/HIS272Y5)

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course. Correcting recommended preparation discrepancy between 2020-2021 Calendar and system.

Consultation:

Resources:

HIS372H5: The United States in the 20th Century

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS373H5: From the Gilded Age to the Jazz Age: The Emergence of Modern America, 1877-1929

Recommended Preparation:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 and (HIS271H5 or HIS272H5 or ~~HIS271Y5/HIS272Y5~~)

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course. Correcting recommended preparation discrepancy between 2020-2021 Calendar and system.

Consultation:

Resources:

HIS374H5: Gender and Sexuality in the US, 1945-present

Recommended Preparation:

~~(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 or HIS272H5 or HIS272Y5 or WGS101H5 or any course in U.S. History~~ ~~History.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS378H5: East Asian Cities

Recommended Preparation:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 and or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and HIS284H5 ~~HIS284H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS384H5: International Relations in the Middle East - Regional Perspectives on the 20th Century

Prerequisites:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and (HIS201H5 or HIS236H5 or HIS282H5 or HIS290H5 or HIS295H5 or HIS306H5)

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:

Resources:

HIS385H5: Orientalism and Occidentalism

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS386H5: Gender and History in South Asia

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS387H5: Popular Culture in East Asia

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 or HIS284H5 ~~HIS284H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS388H5: Histories of Modern Hinduism in South Asia

Recommended Preparation:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and RLG308H5 ~~RLG308H5~~.

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS389H5: Localities, Regions and Nations in South Asia

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5~~.

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS390H5: Revolutions and Nations in Latin America

Recommended Preparation:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and a course in Latin-American history or politics.

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS391H5: Mexico from Aztec to Zapatista

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5~~.

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS392H5: Topics in Global History

Prerequisites:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:**Resources:**

HIS393H5: Slavery and the American South

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:**

HIS394H5: Race and Empire in Colonial South Asia

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:**

HIS395H5: Topics in History

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:**Resources:**

HIS396H5: Modernity and Islam

Prerequisites:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) ~~HIS104H5.~~

HIS201H5 ~~HIS201H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisite to the existing course.

Consultation:

Resources:

HIS397H5: Iran's Islamic Revolution

Recommended Preparation:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as recommend preparation to the existing course.

Consultation:

Resources:

HIS402H5: Topics in the History of French Canada

Prerequisites:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and(HIS261H5 or HIS262H5 or HIS263Y5)-

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:

Resources:

HIS403H5: Empire and Colonization in the French Atlantic

Prerequisites:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:

Resources:

HIS407H5: Imperial Germany 1871-1918

Prerequisites:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Recommended Preparation:

A course in modern European ~~history~~ ~~history.~~

Distribution Requirements:

Previous: Humanities

New:

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:**Resources:****HIS409H5: The Life Cycle in Medieval and Early Modern Europe****Prerequisites:**

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and 0.5 credit in medieval or early modern Europe.

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:**Resources:****HIS410H5: Doing Digital History****Prerequisites:**

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:**Resources:****HIS416H5: Canada and the Second World War****Prerequisites:**

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and (HIS261H5 or HIS262H5 or ~~HIS263H5~~/HIS263Y5)

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisite to the existing course. Correcting prerequisite discrepancy between 2020-2021 Calendar and system.

Consultation:**Resources:****HIS420H5: Topics in Medieval History****Prerequisites:**

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:**Resources:****HIS425H5: Global Intellectual History: Asia and Africa in the 20th Century****Prerequisites:**

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:**Resources:****HIS431H5: Modern China****Prerequisites:**

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and HIS284H5 ~~HIS284H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisite to the existing course.

Consultation:**Resources:****HIS435H5: The Viking Age****Prerequisites:**

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing

Consultation:**Resources:****HIS438H5: Remembering Atrocity: The Holocaust and Historical Memory in Europe and North America****Prerequisites:**

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and(HIS242H5 or HIS338H5 or HIS339H5)

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing

Consultation:

Resources:

HIS440H5: Photography and American Culture

Prerequisites:

Previous: P.I.

New: HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisite to the existing course. Correcting prerequisite discrepancy between 2020-2021 Calendar and system.

Consultation:

Resources:

HIS448H5: Memory, History and South Asia's Contested Pasts

Prerequisites:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:

Resources:

HIS454H5: Race, Gender and Nation in Modern Latin America

Prerequisites:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and HIS290H5 ~~HIS290H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:

Resources:

HIS461H5: History of Upper Canada

Prerequisites:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and (HIS261H5 or HIS262H5 or HIS263Y5)

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisite to the existing course. Correcting prerequisite discrepancy between 2020-2021 Calendar and system.

Consultation:

Resources:

HIS462H5: Indigenous North America

Prerequisites:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:

Resources:

HIS463H5: Memory and Memorialization in South African History

Prerequisites:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:

Resources:

HIS475H5: The French Revolution

Prerequisites:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Recommended Preparation:

A course in European ~~history~~ ~~history.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:

Resources:

HIS479H5: Cold War America

Prerequisites:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:

Resources:

HIS483H5: Colonialism in East Asia

Prerequisites:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:

Resources:

HIS486H5: Political Thought in the Reformation

Prerequisites:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and a **A** course in medieval or early modern European history.

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisite to the existing course.

Consultation:

Resources:

HIS487H5: Canadian Social History

Prerequisites:

Previous:

New: HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5

Recommended Preparation:

Previous: HIS262H5 / HIS262Y5/ HIS263H5/ HIS263Y5

New: HIS262H5 or HIS263Y5

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisite to the existing course. Correcting prerequisite discrepancy between 2020-2021 Calendar and system.

Consultation:

Resources:

HIS490H5: Religion and Society in Latin America

Prerequisites:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:

Resources:

HIS492H5: Entrepreneurial Diasporas

Prerequisites:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:

Resources:

HIS493H5: Advanced Topics in Global History

Prerequisites:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:

Resources:

HIS494H5: Advanced Topics in the History of the Americas

Prerequisites:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:

Resources:

HIS495H5: Advanced Topics in European History

Prerequisites:

HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5 ~~HIS104H5.~~

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:

Resources:

HIS498Y5: Internship in History

Prerequisites:

(HIS101H5 or HIS102H5 or HIS103H5 or HIS104H5 or HIS105H5 or HIS106H5 or HIS107H5 or HIS108H5) and 5.0 additional HIS credits and a CGPA of 3.0.

Rationale:

To include the new HIS100 level courses added to the calendar and list them as prerequisites to the existing course.

Consultation:

Resources:

RLG312Y5: How to Study Religion

Contact Hours:

Previous: *Lecture:* 24

New: *Lecture:* 48

Prerequisites:

RLG101H5 and 1.0 additional RLG credits

Rationale:

Correction of contact hours.

Consultation:

7 Minor Program Modifications:

Education Studies - Minor (Arts)

Enrolment Requirements:

Limited Enrolment — Enrolment into the Education Studies Minor **is by special application ONLY and space in the program** 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.**

Description of Proposed Changes:

Rationale:

Amended the "Limited Enrolment" requirements and wording to remove the special application requirement. Students have never been required to apply via a separate application process. Such a change will ensure program documentation aligns correctly with what is currently in practice. The program remains a Type 3 subject post.

Impact:

Consultation:

Resource Implications:

No resources impacted. Students will still be required to meet minimum entry requirements.

English Language Linguistics - Minor (Arts)

Completion Requirements:

4.5 credits are required.

Foundation: LIN100Y5/(LIN101H5, LIN102H5 (~~or LIN100Y5~~), LIN204H5, LIN205H5)

Upper Years:

- 1.5 credits: LIN233H5 (or LIN203H5), LIN208H5, JAL253H5/LIN288H5 (or LIN258H5)
- 1.0 credit at the 300 or 400 level to be selected from the following list: LIN310H5, LIN311H5, LIN325H5 (or LIN335H5), LIN353H5, LIN357H5, JAL355H5, LIN388H5 (or LIN358H5), JFL389H5, LIN410H5, LIN486H5, CHI411H5

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

Description of Proposed Changes:

Addition of limit 1.5 overlap between two LIN minors.

Rationale:

Addition of limit 1.5 overlap between two LIN minors. This wording existed in 2019 calendar, however, with the revision in 2020 which restricted enrolment in a Major and either of the two programs in LIN, this wording was removed from the major program description but should remain intact for the minor.

Impact:

None

Consultation:**Resource Implications:**

No impact on existing resources.

French Studies - Major (Arts)

Enrolment Requirements:

Limited Enrolment — 63% required in FRE180H5 and FRE181H5 or equivalent.

Completion Requirements:

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

First Year: FRE180H5, and FRE181H5 (~~minimum grade of 63% is required~~) or equivalent). Students exempted from these courses may replace them with a higher level 1.0 credit in FRE.

Second Year: FRE240Y5/(~~or~~ FRE240H5 and FRE241H5), FRE272Y5, FRE280Y5

Third Year:

1. FRE382H5 and ~~FRE383H5~~/FRE380H5/~~FRE383H5~~/FRE442H5
2. 3.0 credits to be completed in **ONE** area of concentration, including 0.5 credit at the 400-level: (a) ~~French Linguistics~~ ; (b) ~~French Literary and Cultural Studies~~

Course Categories:

- **French Linguistics** : FRE325H5, FRE355H5, FRE372H5, FRE373H5, FRE376H5, FRE378H5, FRE387H5, ~~FRE386H5~~ ~~FRE388H5~~, ~~FRE388H5~~ ~~JFL389H5~~, ~~FRE454H5~~ ~~FRE474H5~~, FRE487H5, FRE488H5, FRE489H5 ; ~~JFL389H5~~.
- **French Literary and Cultural Studies** : FRE312H5, FRE315Y5, FRE316H5, FRE340H5, FRE342H5, ~~FRE343H5~~, FRE356H5, FRE357H5, FRE363H5, FRE364H5, FRE368H5, FRE370H5, FRE372H5, FRE373H5, FRE391H5, FRE393H5, FRE397H5, FRE440H5, FRE445H5, FRE446H5, FRE467H5, FRE468H5, FRE482H5.
- ~~Teaching & Learning~~ : ~~LTL380H5~~, ~~LTL417H5~~, ~~LTL456H5~~, ~~LTL486H5~~, ~~LTL488H5~~ ; ~~JFL389H5~~ ; ~~FRE325H5~~, ~~FRE345H5~~, ~~FRE352H5~~, ~~FRE353H5~~, ~~FRE355H5~~

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

Description of Proposed Changes:

Updated course categories to include new courses and remove retired courses.

Rationale:

Updated course categories to include new courses and remove retired courses.

Impact:

No impact on students as the department will continue to offer the required offerings for program completion.

Consultation:**Resource Implications:**

No impact on existing resources.

French Studies - Specialist (Arts)**Completion Requirements:**

10.0 credits are required, including at least ~~5.0~~ ~~4.0~~ 300/400 level credits in literature/linguistics, 1.0 of which must be a 400 level credit.

First Year: FRE180H5, and FRE181H5 (~~minimum grade of 63% is required~~) or equivalent). Students exempt from these courses may replace them with a higher level 1.0 credit in FRE.

Second Year: FRE240Y5/~~(or~~ FRE240H5, and FRE241H5), FRE272Y5, FRE280Y5

Third/Fourth Years:

1. ~~FRE372H5, FRE373H5~~, FRE382H5, FRE380H5/FRE383H5/FRE442H5 ~~FRE380H5~~
2. ~~5.0~~ ~~4.0~~ ~~FRE~~ credits in FRE to be completed within **ONE** area of concentration, including 1.0 credit at the 400-level:
 - a. French Linguistics : FRE325H5, FRE355H5, FRE372H5, FRE373H5, FRE376H5, FRE378H5, FRE387H5, FRE386H5, FRE388H5, FRE454H5, FRE487H5, FRE488H5, FRE489H5 ; JFL389H5.
 - b. French Literary and Cultural Studies : FRE312H5, FRE315Y5, FRE316H5, FRE340H5, FRE342H5, FRE343H5, FRE356H5, FRE357H5, FRE363H5, FRE364H5, FRE368H5, FRE370H5, FRE372H5, FRE373H5, FRE391H5, FRE393H5, FRE397H5, FRE440H5, FRE445H5, FRE446H5, FRE467H5, FRE468H5, FRE482H5.

Description of Proposed Changes:

Removed retired courses, FRE372 and 373.

Rationale:

The removal of FRE372H5 & FRE373H5 from the program will be balanced with the addition of the requirement of 1.0 FCE of 400-level courses that focus on student-led research.

Impact:**Consultation:****Resource Implications:**

None.

Language Teaching and Learning: French - Major (Arts)**Completion Requirements:**

8.0 credits are required.

First Year: FRE180H5, ~~and~~ FRE181H5 (~~minimum grade of 63% is required~~) or equivalent). Students exempted from these courses may replace them with a higher level 1.0 credit in FRE.

Second Year: FRE280Y5 (or equivalent), FRE225Y5, FRE240Y5/~~(or~~ FRE240H5, ~~and~~ FRE241H5), FRE272Y5.

Note: 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~~ ~~FRE380H5~~
- 1.0 credit to be chosen among the FRE Language Teaching and Learning courses: ~~(FRE325H5, FRE345H5, FRE352H5, FRE353H5, FRE355H5, FRE380H5, FRE454H5 ; JFL389H5)~~
- 1.0 credit to be chosen among the LTL Language Teaching and Learning courses: ~~(LTL380H5, LTL487H5, LTL456H5, LTL486H5, LTL488H5)~~

Description of Proposed Changes:

Updated FRE course category listing.

Rationale:

Updated FRE course category listing to include missing courses proposed in previous curriculum rounds.

Impact:

No impact to students.

Consultation:

Resource Implications:

None.

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

Enrolment Requirements:

Previous:

New:

Limited Enrolment --A final grade of 63% is required in FRE180H5 and FRE181H5 (or equivalent) .

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, ~~and~~ FRE181H5 (~~minimum grade of 63% is required~~) or equivalent). Students exempt from these courses may replace them with a higher level 1.0 credit in FRE.

Higher Years:

1. FRE280Y5 (or equivalent), FRE225Y5, FRE240Y5/~~(or~~ FRE240H5, ~~and~~ FRE241H5), FRE272Y5.

Note: 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, FRE383H5.

3. 1.0 credit to be chosen among the FRE courses in Teaching and Learning: (~~FRE325H5, FRE345H5, FRE352H5, FRE353H5, FRE355H5, FRE380H5, FRE454H5 ; JFL389H5~~)

Italian

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

1. ITA200Y5/ITA201Y5 and ITA350H5
2. ITA351H5/ITA352H5/ITA450H5
3. ITA437Y5
4. 2.0 additional credits in Italian Language; Linguistics; Teaching and Learning.
5. 2.0 additional credits in any of the other Italian course categories (excluding those listed above).

Description of Proposed Changes:

Update requirement and existing courses (not previously included) in FRE Teaching and Learning.

Rationale:

Update listing of courses (included course not previously included) in FRE Teaching and Learning.

Impact:

No impact. Change expands choices for students.

Consultation:

Resource Implications:

None.

Linguistic Studies - Minor (Arts)

Enrolment Requirements:

Limited Enrolment — Enrolment in the Minor program is limited to students who have achieved at least 63% in both LIN101H5 and LIN102H5. Second year entry requirements (for those students who have not met the enrolment requirement in the first year): A grade of 70% in at least two of the following seven courses: LIN228H5, LIN229H5, LIN231H5, LIN232H5, LIN237H5, LIN256H5, LIN288H5.

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

Completion Requirements:

4.0 credits are required.

First Year: LIN100Y5/(LIN101H5, LIN102H5/~~(or LIN100Y5)~~)

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

1. Minimum 1.0 credit from the following list: LIN228H5, LIN229H5, LIN231H5, LIN232H5, LIN237H5 (or LIN247H5), LIN256H5, LIN288H5 (or LIN258H5).
2. Minimum 1.0 credit from the following list: any 300 and 400 level LIN or JAL courses.
3. 1.0 credit from any remaining courses listed in (1) or (2) or from the following list: FRE454H5 (or FRE474H5), FRE489H5, ITA373H5, ITA437Y5, JFL389H5, SAN392Y5.

Note : Some of the courses listed above have prerequisites which would not count towards this program. **No more than 1.5 credits can be double counted towards two minor programs of study in Linguistics.**

Description of Proposed Changes:

Addition of limit 1.5 overlap between two LIN minors.

Rationale:

Addition of limit 1.5 overlap between two LIN minors. This wording existed in 2019 calendar, however, with the revision in 2020 which restricted enrolment in a Major and either of the two programs in LIN, this wording was removed from the major program description but should remain intact for the minor.

Impact:

Consultation:

Resource Implications:

No impact on existing resources.

12 New Courses:

ARA400Y5: Advanced Arabic for Heritage Learners

Contact Hours:

Lecture: 72 / *Practical:* 24

Description:

This course develops the student's communication skills in grammar, writing, reading, and formal registers of speaking, into an advanced level. It caters to the students who have completed the intermediate high level: ARA300, or whose language assessment reflects an intermediate level of proficiency of Arabic as a heritage language. The teaching of this course will also focus on error analysis to develop the student's ability to distinguish between their version of heritage spoken language and that of the erudite Arabic, *الفصحى*, as used formally across the Arab world. By the end of the course, the student will be able to write in a formal academic register, sustain oral expressions and deliver oral presentations in formal Arabic.

Prerequisites:

ARA300Y5 or appropriate language level as indicated by the language assessment questionnaire (www.utm.utoronto.ca/language-studies/ara-language-course-assessment-questionnaire).

Corequisites:**Exclusions:**

ARA412Y5 and NML410Y1

Recommended Preparation:**Rationale:**

The intermediate heritage stream course ARA300Y5Y, offered for the first time this year, offers a different pedagogical experience for a student who can work at an accelerated pace, towards higher and different language skills. It is now necessary to create an additional course for students to pursue learning Arabic at the advanced level in the same stream. We currently offer one course at the advanced 400-level. It caters to advanced learners of Arabic as a foreign language as well as advanced heritage students. So far, the onus has been on the course instructor to apply differentiated instruction as well as differentiated assessment methods to provide a learning environment that meets the needs of all students, while working on the same curriculum. However, this process has proven to be challenging for students who have been voicing their concerns and objections to their instructor and the department. In order to provide an optimal learning experience for each student, these two categories of students would need to be separated in different streams at the advanced level, to build on the two different streams at the intermediate levels. Not only will the students work towards the development of different skills, as is outlined in the proposed course description, but they also need to work with different curricula that provide the opportunity to master the learning outcomes intended for each stream.

Consultation:**Resources:**

Resource Implications Form has been submitted.

None. Course will be offered in rotation with existing 400-level courses.

CHI314H5: Chinese Culture through Media

Contact Hours:

Lecture: 24 / Practical: 12

Description:

This course examines Chinese cultural traditions and values through contemporary media produced in China, Taiwan and Hong Kong. Background readings and literary works will provide students with the necessary historical and cultural context for each work. Class discussions will focus on the political, social and cultural transformations presented in the media. Special attention will be paid to topics such as family, class issues, gender and identity.

Prerequisites:

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

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

We've recently proposed a Chinese Language and Culture Minor program which requires students to complete 4.0 credits. This course, designed for advanced language learners who would like to advance their cultural literacy, would complement the existing courses and provide students with more choices in our small course selections.

Consultation:**Resources:**

Resource Implications Form has been submitted.

None. This course can be taught by existing faculty in CHI.

CHI403H5: Advanced Chinese I

Contact Hours:

Lecture: 24 / Practical: 12

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.

Prerequisites:

CHI304H5 or appropriate language level as indicated in the language assessment questionnaire.

Corequisites:**Exclusions:**

EAS401H1

Recommended Preparation:**Rationale:**

We would like to propose this 400-level language courses to complement the existing 100-, 200- and 300-level language courses for non-native speakers of Chinese. Chinese is ranked as a Category IV language by the Foreign Service Institute (FSI) of USA. Category IV languages, such as Chinese and Arabic, are significantly different from English. They require about 1100 hours of study to reach the same proficiency level compared to 600 hours in languages such as Spanish and French. The proposed fourth-year language courses would provide our students with opportunities to advance their language skills and reach a higher proficiency level.

Consultation:**Resources:**

None. Course will be taught by existing faculty in CHI.
Resource Implications Form has been submitted.

CHI404H5: Advanced Chinese II

Contact Hours:

Lecture: 24 / Practical: 12

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.

Prerequisites:

CHI403H5 or appropriate language level as indicated in the language assessment questionnaire.

Corequisites:**Exclusions:**

EAS402H1

Recommended Preparation:**Rationale:**

We would like to propose this 400-level language courses to complement the existing 100-, 200- and 300-level language courses for non-native speakers of Chinese. Chinese is ranked as a Category IV language by the Foreign Service Institute (FSI) of USA. Category IV languages, such as Chinese and Arabic, are significantly different from English. They require about 1100 hours of study to reach the same proficiency level compared to 600 hours in languages such as Spanish and French. The proposed fourth-year language courses would provide our students with opportunities to advance their language skills and reach a higher proficiency level.

Consultation:**Resources:**

None. Course will be taught by existing faculty in CHI.
Resource Implications Form has been submitted.

EDS291H5: Black Education

Contact Hours:

Lecture: 24

Description:

This course investigates first-hand experiences and contributions of black students and teachers in the Canadian education system. Historical, systemic barriers to access will be studied along with current policy, practice and teaching pedagogies that aim to produce systems of education without oppression. By looking specifically at research focused on black schooling in Ontario, students will engage in policy analysis and assess current Afrocentric schooling models to assess effectiveness in eliminating educational inequality. Drawing on principles of equity and diversity, Afrofuturist scholarship will be emphasized and provide the framework that seeks to understand and investigate the past to better inform education's future.

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

EDS220H5

Rationale:

EDS220H5 Equity and Diversity in Education course enrolment has substantially increased (75% over 5 years), and we are responding to student interest in the areas of equity and diversity in the EDS curriculum and the need to continue with additional equity-related courses. EDS successfully launched the EDS250H5 Indigenous Education in Fall 2019 and offered again in 2020. EDS291H5, in particular will ensure that students are provided with additional options. Drawing upon the EDS220 course established by EDS faculty that "examines and reflects upon equity and diversity issues within marginalized groups; developing an appreciation of the importance of inclusive education" (EDS LOs), this will provide the framework for EDS291H5 to acknowledge diverse perspectives, experiences and important dialogue in anti-racist education. EDS291H5 will also serve to support the importance of effective classroom management and organization by creating a positive and productive learning environment for all, and effectively applying such strategies as appropriate in experiential learning placements (EDS388H5 and other in-course placements). Consultation with UTM's Equity, Diversity, and Inclusion Office, as well as the tri-campus Black Faculty Working Groups will create a bridge for conversations and learning. EDS program and faculty currently have a strong partnership with Hart House who will offer a depth of expertise in this area. These collaborations will be an important part of course development as the content and approach will focus on advocacy. Leadership for course development will be undertaken by current EDS faculty who teaches EDS220H5.

Consultation:

Consultation with UTM's Equity, Diversity, and Inclusion Office, Hart House as well as the tri-campus Black Faculty Working Groups

Resources:

Request for resources has been provided to the Office of the Dean.

FRE343H5: Indigenous Literatures in Quebec and Francophone Canada

Contact Hours:

Lecture: 24

Description:

The course explores Indigenous literatures in Francophone Canada including Indigenous texts and authors from Quebec. The works discussed engage with issues of sovereignty, anti-racism, Native identity and gender, and span multiple genres including fiction, theatre, poetry and essay.

Prerequisites:

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

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

Prof. Adrien Rannaud joined the Department of Language Studies on July 1, 2019 and the course topic is in his areas of expertise. It will expand the current offerings to students in the department's Major & Specialist programs in French Studies.

Consultation:**Resources:**

None. Course will be taught by new FT faculty hire.

LTL381H5: Methodologies for Teaching English as a Second Language

Contact Hours:

Lecture: 24

Description:

This course provides an overview of classroom teaching methods, techniques and strategies for English as a second language, as well as ways of creating and adapting materials to particular teaching contexts such as English-as-a-second-language (ESL) in Canada, English for Academic Purposes (EAP), English for Specific Purposes (ESP), English-as-a-Foreign-Language (EFL) abroad, and blended teaching. Theoretical issues and classroom implications for teaching and learning with technology will be discussed. Classroom management techniques will also be examined, along with ways to access and work with classroom management and technology-related resources.

Prerequisites:

(LIN101H5 and LIN102H5 and a minimum of 0.5 credit in LIN or LTL at the 200-level or higher) or (FRE280Y5 and FRE225Y5) or (ITA200Y5 and an additional 0.5 credit in ITA at the 200-level or higher)

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

There is currently no course on offer in the department that caters specifically to the teaching of English as a second language, despite the high demand for such a course among, primarily, the international student body. This course fits well with the language teaching focus of the department. Having this course on the books is crucial for the proposed major modification to the Major program in LTL, which has an English teaching branch that places this course at the centre of its required courses. This course also helps build towards an eventual Minor or Certificate in Teaching English as a Second Language.

Consultation:**Resources:**

None. Course can be taught by at least 4 existing faculty.
Resource Implications Form has been submitted.

LTL382H5: Teaching Second Language Speaking and Listening

Contact Hours:

Lecture: 24

Description:

This course examines theories and practices related to the teaching and learning of speaking and listening in a second language, particularly with reference to English. The course will focus on the theoretical and research-based underpinnings of second language speaking and listening on the ways in which instruction can facilitate the development of these skills. The relationship of pronunciation to listening and listening skills will be explored, and an overview of teaching pronunciation to second language learners will be provided (particularly with reference to English).

Prerequisites:

(LIN101H5 and LIN102H5 and a minimum of 0.5 credit in LIN or LTL at the 200-level or higher) or (FRE280Y5 and FRE225Y5) or (ITA200Y5 and an additional 0.5 credit in ITA at the 200-level or higher)

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

There is currently no course on offer in the department that caters specifically to the teaching of English as a second language, despite the high demand for such a course among, primarily, the international student body. This course fits well with the language teaching focus of the department. Having this course on the books supports the proposed major modification to the Major program in LTL, which has an English teaching branch. This course also helps build towards an eventual Minor or Certificate in Teaching English as a Second Language.

Consultation:**Resources:**

None. Course can be taught by at least 4 existing faculty.
Resource Implications Form has been submitted.

LTL383H5: Teaching Second Language Reading and Writing

Contact Hours:

Lecture: 24

Description:

This course examines theories and practices related to the teaching and learning of reading and writing in a second language, particularly with reference to English. The course will focus on the theoretical and research-based underpinnings of second language reading and writing and on the ways in which instruction can facilitate the development of these skills. The relationship of vocabulary to second language reading and writing will be examined (particularly with reference to English).

Prerequisites:

(LIN101H5 and LIN102H5 and a minimum of 0.5 credit in LIN or LTL at the 200-level or higher) or (FRE280Y5 and FRE225Y5) or (ITA200Y5 and an additional 0.5 credit in ITA at the 200-level or higher)

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

There is currently no course on offer in the department that caters specifically to the teaching of English as a second language, despite the high demand for such a course among, primarily, the international student body. This course fits well with the language teaching focus of the department. Having this course on the books supports the proposed major modification to the Major program in LTL, which has an English teaching branch. This course also helps build towards an eventual Minor or Certificate in Teaching English as a Second Language.

Consultation:**Resources:**

None. Course be taught by at least 4 existing faculty.
Resource Implications Form has been submitted.

LTL495Y5: Individual Project

Contact Hours:**Description:**

A research or reading project undertaken by the student under the supervision of a faculty member. Written work to be completed in French/Italian for credit towards an LTL program in French or Italian.

Prerequisites:

0.5 credit at the 300 or 400 level in LTL

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

Students currently have no venue for an Individual Project within the LTL series of courses and related programs. This course will address this gap.

Consultation:**Resources:**

None. This course can be supervised by various FT faculty (Chiuhung Chen; Marie-Paule Lory; Mihaela Pirvulescu; Katherine Rehner; Pablo Robles Garcia; Jeffrey Steele)
Resource Implications Form has been submitted.

LTL496H5: Individual Project

Contact Hours:**Description:**

A research or reading project undertaken by the student under the supervision of a faculty member. Written work to be completed in French/Italian for credit towards an LTL program in French or Italian.

Prerequisites:

0.5 credit at the 300- or 400-level in LTL

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

Students currently have no venue for an Individual Project within the LTL series of courses and related programs. This course will address this gap.

Consultation:**Resources:**

No impact on existing resources. Individual Project courses can be taught by existing faculty with no impact to teaching workloads.

Resource Implications Form has been submitted.

SPA420H5: Advanced Topics on Spanish Grammar

Contact Hours:

Lecture: 36

Description:

Study of traditional topics of Spanish grammar from a linguistic perspective with the goal of improving students' knowledge and usage of Spanish grammar and language understanding in general. Topics include (but are not limited to): word order variation patterns, subject types, the verbal system, and the Spanish copulas. This course employs a cross-linguistic approach, as some of these topics are discussed from a comparative perspective. This course is taught in Spanish.

Prerequisites:

SPA219Y5 or SPA320Y5 or as indicated by Spanish Language Assessment.

Corequisites:**Exclusions:**

SPA420H1 and SPA421H1

Recommended Preparation:**Rationale:**

This course concentrates on SPA grammar from a linguistics perspective for improving student's knowledge and usage of SPA language and grammar.

Consultation:**Resources:**

None. Course will be taught by new faculty hire in SPA.
Resource Implications Form has been submitted.

54 Course Modifications:

ARA312Y5: Intermediate Arabic

Title:

Intermediate Arabic for Heritage Learners

Exclusions:

Native users or ~~(NMC310Y1 or NML310Y1)~~ or ~~(LGGC42H3 or ~~and~~ LGGC43H3)~~ or ~~(ARA211H5 or ~~and~~ ARA311H5)~~

Rationale:

Modify the title of the course based on the instructional content and the intended language level for this course.

Consultation:**Resources:**

No impact to existing resources.

ARA412Y5: Arabic for Advanced and Heritage Learners

Title:

Previous: Arabic for Advanced and Heritage Learners

New: Advanced Arabic

Contact Hours:

Previous: *Lecture: 72 / Tutorial: 24*

New: *Lecture: 72 / Practical: 24*

Exclusions:

NML410Y1 or ARA400Y5

Rationale:

Modify the title of the course based on the instructional content and the intended language level for this course. Corrected contact hours (T to P).

Consultation:**Resources:**

No impact on existing resources.

Resource Implications Form has been submitted.

CHI203H5: Intermediate Chinese I

Title:

Intermediate Low Chinese I

Rationale:

The title reflects the proficiency level that students can achieve.

Consultation:**Resources:**

No impact on existing resources.

CHI204H5: Intermediate Chinese II

Title:

Intermediate **Low** Chinese II

Rationale:

The title reflects the proficiency level that students can achieve.

Consultation:**Resources:**

No impact on existing resources.

CHI211H5: Intermediate High Chinese I

Title:

Intermediate High Chinese for Academic Purposes I

Contact Hours:

Previous: *Lecture:* 36 / *Practical:* 12

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

Enrolment Limits:

Previous:

New:

Distribution Requirements:

Previous:

New: Humanities

Rationale:

This title describes the course content better as the course focuses mainly on academic reading and writing. The weekly 2-hr lecture is sufficient to cover the course materials as this is a reading and writing intensive course in which students will spend more time working on their own.

Consultation:**Resources:**

No impact on existing resources.

CHI212H5: Intermediate High Chinese II

Title:

Intermediate High Chinese for Academic Purposes II

Contact Hours:

Previous: *Lecture:* 36 / *Practical:* 12

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

Description:

This course, designed for native or near-native speakers of Mandarin Chinese, continues the study of rhetorical knowledge and critical thinking skills for effective academic reading and writing. It also prepares students for upper level courses which demand in-depth reading, writing, as well as professional presentation skills.

Rationale:

This title describes the course content better as the course focuses mainly on academic reading and writing. The weekly 2-hr lecture is sufficient to cover the course materials as this is a reading and writing intensive course in which students will spend more time working on their own.

Consultation:**Resources:**

No impact on existing resources.

CHI303H5: Advanced Chinese I**Title:**

Intermediate High ~~Advanced~~ Chinese I

Contact Hours:

Previous: *Lecture:* 36 / *Practical:* 12

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

Description:

Previous: This course is the first half of Advanced Chinese for second-language learners of Mandarin Chinese . It continues the study of formal written and spoken Chinese introduced in CHI203H5 Intermediate Chinese I and CHI204H5 Intermediate Chinese II. Upon completion of this course, students are expected to develop written narrative skills in various rhetorical modes, reading skills in formal texts, listening comprehension skills in longer and more complex narratives, oral presentational skills and interpersonal communication skills. [36L, 12P]

New:

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 . < / p>

Rationale:

Corrected contact hours. The description change reflects the course materials that students can handle and the realistic proficiency level that students can achieve. The title reflects the proficiency level that students can achieve.

Consultation:**Resources:**

None. Corrected contact hours and updated description.

CHI304H5: Advanced Chinese II**Title:**

Intermediate High ~~Advanced~~ Chinese II

Contact Hours:

Previous: *Lecture:* 36 / *Practical:* 12

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

Description:

Previous: This course is the second half of Advanced Chinese for second-language learners of Mandarin Chinese . It continues the study of formal written and spoken Chinese at the advanced level. This course concludes the transition from spoken Chinese to formal written Chinese. Upon completion of the course, students are able to talk about topics related to their daily lives, write routine and some formal correspondence, understand information in long and complex speech on familiar topics, and read authentic texts with contextual clues. [36L, 12P]

New:

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 .

Rationale:

Corrected contact hours. The changes reflect the course materials that students can handle and the realistic proficiency level that students can achieve. The title reflects the proficiency level that students can achieve.

Consultation:

Resources:

None. Corrected contact hours and updated title and description.

CHI311H5: Classical Chinese Language and Literature

Title:

Classical Chinese ~~Language and~~ Literature

Rationale:

The title has been updated to reflect that course content is more focused on literature than language.

Consultation:

Resources:

No impact to existing resources.

CHI312H5: Overseas Chinese Literature and Culture

Title:

~~Overseas~~ Chinese ~~Diaspora~~ Literature and Culture

Prerequisites:

(CHI211H5 and ~~&~~ CHI212H5); or adequate reading and writing knowledge in Chinese approved by the instructor.

Rationale:

This is a more conventional title for the course and in-line with course content.

Consultation:

Resources:

No impact on existing resources.

FRE180H5: Introduction to French Studies I

Prerequisites:

FSL205Y5 ~~Grade 12 Core French (FSF4U)/FSL205Y/FSL121Y1~~ or the equivalent as determined by the department's French Placement Test. Prior to enrolling in a French language course for the first time all students MUST complete the Placement Test([https:// frenchpt.utm.utoronto.ca/](https://frenchpt.utm.utoronto.ca/))

Exclusions:

~~FRE180Y5~~ or FSL221Y1 and ~~or~~ FSL305Y5. Not open to native speakers of French and high school graduates of Extended French or French Immersion ~~immersion~~ programs.

Rationale:

Clarify course prerequisites and exclusions. FRE180Y5 was removed from the exclusions as the course was last offered in 2011-12.

Consultation:**Resources:**

No impact on existing resources.

FRE181H5: Introduction to French Studies II**Prerequisites:**

FRE180H5 or the equivalent as determined by the department's French Placement Test. Prior to enrolling in a French language course for the first time all students MUST complete the Placement Test([https:// frenchpt.utm.utoronto.ca /](https://frenchpt.utm.utoronto.ca/)).

Exclusions:

FSL221Y1 or FSL305Y5. Not open to native speakers of French and high school graduates of Extended French or French Immersion ~~immersion~~ programs.

Rationale:

Clarify course prerequisites and exclusions.

Consultation:**Resources:**

No impact on existing resources.

FRE272Y5: The Structure of Modern French: An Introduction**Description:**

A descriptive study of contemporary French: phonetics and phonology, morphology, syntax and semantics including the variation observed between different speakers and dialects of French. ~~Theoretical discussion in general linguistics.~~

~~{48L, 24T}~~

Prerequisites:

Previous: FRE181H5 or permission of the department.

New: FRE181H5

Rationale:

Updated course description to more accurately reflect intended course content. Clarified prerequisite.

Consultation:**Resources:**

None. Updated course description has no impact on existing contact hours or resources.

FRE280Y5: Language Practice: Written**Prerequisites:**

FRE181H5 ~~or equivalent/Grade 12 Immersion or Extended French~~ or the equivalent as determined by the department's

French Placement Test. Before enrolling in a French language course for the first time all students **MUST** complete the Placement Test([https:// frenchpt.utm.utoronto.ca /](https://frenchpt.utm.utoronto.ca/)).

Exclusions:

Previous: FSL280Y5 or FSL331Y1 or FSL341Y1 or higher.

New: FSL321Y1

Rationale:

Updated and clarified prerequisites and exclusions. Removed retired courses (last offered over 9 years ago).

Consultation:

Resources:

No impact on existing resources.

FRE283H5: Language Practice: Oral

Prerequisites:

~~(FRE180H5 and FRE181H5)~~ or FSL305Y5

Corequisites:

Previous: FRE280Y5

New:

Exclusions:

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

Recommended Preparation:

Previous: FRE1801H5 and FRE181H5.

New:

Rationale:

Updated and clarified prerequisites and exclusions. Removed Recommend Preparation and Corequisite courses.

Consultation:

Resources:

No impact on existing resources.

FRE325H5: Language Acquisition of French

Prerequisites:

(FRE225Y5 or FRE272Y5)and (FRE240H5 and FRE241H5) ~~(or (FRE240Y5) or FRE280Y5 or a minimum grade of 77% in FSL406H5) or equivalent.~~

Rationale:

Updated prerequisites.

Consultation:

Resources:

No impact on existing resources.

FRE342H5: History of Quebec and French Canada

Contact Hours:**Previous:**

New: *Lecture*: 24

Prerequisites:

Previous: FRE280Y5 or permission of the instructor.

New: FRE280Y5

Rationale:

Updated prerequisite and included missing contact hours.

Consultation:**Resources:**

No impact on existing resources.

FRE352H5: Teaching French Grammar**Prerequisites:**

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

Rationale:

Clarified prerequisites.

Consultation:**Resources:**

None.

FRE353H5: Teaching French Culture**Prerequisites:**

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

Rationale:

Clarified prerequisites.

Consultation:**Resources:**

None.

FRE356H5: Versailles and the Classical Age**Prerequisites:**

Previous: FRE280Y5 or permission of the instructor

New: FRE280Y5

Rationale:

Clarified prerequisites.

Consultation:**Resources:**

None.

FRE357H5: Heroism and Love in the Middle Ages

Recommended Preparation:

Previous: LAT100Y5 or equivalent.

New:

Rationale:

Removed "Recommended Preparation". No longer relevant.

Consultation:

Resources:

None.

FRE363H5: Reverie, Rejection and Romanticism in 19th Century French Literature and the Arts

Description:

Previous: This course focuses on the French Romantic movement as part of a European renewal of cultural and esthetic forms of expression . The hero as a marginal individual, notions of escapism, forbidden love, tragic relationships, the revolt against 18th century rationalism and the codification of the Classical period are discussed in relation to works by writers such as Constant, Lamartine, Hugo and Stendhal. [24L]

New:

This course explores the tension between love and pain in a range of French works from 1800 to the contemporary era . How are marriage, family life, adultery, forbidden love represented in French literature? How do French authors handle various types of love such as passion, unrequited love, and jealousy in light of the gendered social pressures of their times? < / p>

Prerequisites:

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

Rationale:

FRE363 has not been refreshed in many years and with the recent retirement of a faculty member, the literature curriculum in French will focus less on literary history and isolated periods to stress continuity and evolutions up to the contemporary era. Critical student engagement with a broader selection of works is in line with current trends in French Studies.

Consultation:

Resources:

No impact on existing resources.

FRE364H5: Representation of Real Life: Objectivity and Creative Activity in the Realist Novel

Description:

Previous:

Realism and Naturalism dominate the second part of the 19th century and react against romantic idealization by proposing an accurate depiction of reality and a stern representation of human experience . The techniques and styles of "modern" narrative as well as themes such as ambition, alienation, and class struggle are examined in prose fiction by Balzac, Flaubert, Zola and Maupassant . < / p>

New:

This course explores the various responses to social issues by the French novel from Realism to the contemporary era . How are themes of social exclusion and marginality, class consciousness, and social identities given prominence? What shifting approaches to storytelling and character do novelists develop to address the social issues of their times? < / p>

Prerequisites:

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

Rationale:

FRE364 has not been refreshed in many years and with the recent retirement of a faculty member, the literature curriculum in French will focus less on literary history and isolated periods to stress continuity and evolutions up to the contemporary era. Critical student engagement with a broader selection of works is in line with current trends in French Studies.

Consultation:

Resources:

None.

FRE376H5: French Phonology and Phonetics

Prerequisites:

FRE272Y5 and (FRE280Y5 or a minimum grade of 77% in FSL406H5) ~~or equivalent.~~

Exclusions:

Previous:

New: FRE376H1

Rationale:

Updated Exclusions with equivalent UTSG course and clarified prerequisites.

Consultation:

Resources:

None.

FRE378H5: French Syntax

Prerequisites:

FRE272Y5 and (FRE280Y5 or a minimum grade of 77% in FSL406H5). ~~or equivalent.~~

Exclusions:

Previous:

New: FRE378H1

Rationale:

Updated prerequisites and included UTSG course exclusion.

Consultation:

Resources:

None.

FRE382H5: Advanced Language Practice: Written French

Prerequisites:

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

Exclusions:

~~(FSL382H5 or FSL442H1).~~ Not normally open to francophones and/or holders of the French baccalaureat, but contingent on the results of the French Language Placement Test. ~~language placement test.~~

Rationale:

Clarified and updated prerequisites and exclusions.

Consultation:**Resources:**

None.

FRE383H5: Advanced Language Practice: Oral**Exclusions:**

~~(FSL383H5 or FSL443H1. Not) and not~~ open to native speakers of French ~~or and~~ holders of the French baccalaureat.

Recommended Preparation:

Previous: FRE283H5

New:

Rationale:

Updated exclusions and prerequisites.

Consultation:**Resources:**

None.

FRE386H5: French Semantics**Prerequisites:**

FRE272Y5 and (~~FRE280Y5 or a minimum grade of 77% in FSL406H5) or equivalent.~~

Rationale:

Updated prerequisites

Consultation:**Resources:**

None

FRE387H5: French Morphology**Prerequisites:**

FRE272Y5 and (~~FRE280Y5 or a minimum grade of 77% in FSL406H5) or equivalent.~~

Recommended Preparation:

Previous: FRE283H5

New:

Rationale:

Updated prerequisites and removed Recommended Preparation.

Consultation:**Resources:**

None.

FRE388H5: Bilingualism and Multiple Language Acquisition

Prerequisites:

FRE225Y5 and FRE272Y5 and (, plus a 0.5 credit at 300-level among French Linguistics courses or equivalent at the 300-level in PSY)

Recommended Preparation:

Previous: Suggested companion course FRE352H5.

New:

Rationale:

Removed Recommended Preparation as it is no longer relevant.

Consultation:**Resources:**

None.

FRE393H5: French Society through Film

Prerequisites:

FRE280Y5 or (a minimum grade of 77% in FSL406H5. ~~FSL406H5~~ or equivalent.

Recommended Preparation:

Previous: FRE283H5

New:

Rationale:

Updated prerequisites and removed Recommended Preparation. Existing language course prerequisites offer sufficient preparation for course.

Consultation:**Resources:**

None

FRE397H5: Colonialism and Post-colonialism in French Cinema

Prerequisites:

~~FRE283H5~~ and FRE280Y5 or a minimum grade of 77% in FSL406H5. ~~FSL406H5~~ or equivalent.

Recommended Preparation:

Previous: FRE393H5

New:

Rationale:

Updated prerequisites and removed Recommended Preparation. Existing course prerequisites are sufficient preparation for

12/04/2020

course.

Consultation:

Resources:

None.

FRE417H5: Comedy & Tragedy in Quebec Theatre

Prerequisites:

FRE280Y5 (~~or equivalent~~) and [FRE240Y5 or (FRE240H5 and FRE241H5 ~~or~~ FRE240Y5)]

Rationale:

Updated prerequisites and removed ambiguous wording.

Consultation:

Resources:

None.

FRE440H5: Francophone Periodical Studies

Prerequisites:

FRE280Y5 ~~or equivalent~~ and 0.5 credit from any 300-level course from the French Literary and Cultural Studies category group.

Rationale:

Updated prerequisites. Removed ambiguous wording, "or equivalent".

Consultation:

Resources:

None.

FRE445H5: Special Topic in Literature II

Description:

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 always be 36 hours in total. See the UTM Timetable.**

~~[24L]~~

Prerequisites:

FRE280Y5 and [FRE240Y5 or (FRE240H5 and FRE241H5)]

Rationale:

Updated prerequisites with courses in-line with other 300- and 400-level French literature courses. To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:

Resources:

None.

FRE446H5: Special Topics in Literature II

Description:

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 always be 36 hours in total. See the UTM Timetable.

~~{24L}~~

Prerequisites:

~~FRE280Y5~~(FRE280Y5 or equivalent)and [(FRE240H5 and FRE241H5) or FRE240Y5]

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:

Resources:

FSL105H5: Functional French-Novice

Exclusions:

FSL100H1 ~~or higher~~. Not open to students who have previously studied French **and not**. ~~Not~~ open to native speakers of French.

Rationale:

Clarify exclusion that course is intended for those with NO prior background.

Consultation:

Resources:

No impact on existing resources.

FSL106H5: Functional French-Advanced Beginner

Exclusions:

FSL102H1. Grade 11 **and** Grade 12 Core French **and all** ~~or higher~~/FSL102H1/~~All~~ grade levels in French Immersion,~~Extended French, and~~/French Secondary Schools.

Rationale:

Clarify exclusions.

Consultation:

Resources:

No impact on existing resources.

FSL205Y5: Functional French-Intermediate

Prerequisites:

FSL106H5 or the equivalent as determined by the department's **French** Placement Test. Before enrolling in a French language course for the first time all students **MUST** complete the Placement Test([https:// frenchpt.utm.utoronto.ca /](https://frenchpt.utm.utoronto.ca/)).

Exclusions:

FSL121Y1. Grade 12 Core French **and all high school**/~~FSL121Y1~~ ~~or~~ ~~FSL205H5/All~~ grade levels in French 12/04/2020

Immersion, ~~Extended French~~, and ~~French Secondary Schools~~.

Rationale:

Clarified and updated prerequisites and exclusions. Removed mention of courses that were retired over 8 years ago.

Consultation:

Resources:

No impact on existing resources.

FSL305Y5: Functional French-High Intermediate

Prerequisites:

FSL205Y5Y (~~FSL205Y5 or FSL206H5~~) or the equivalent as determined by the department's **French Placement Test**. Before enrolling in a French language course for the first time all students **MUST complete the Placement Test**(<https://frenchpt.utm.utoronto.ca/>).

Exclusions:

(FRE180H5 and FRE181H5) or FSL221Y1 or (~~FSL305H5 and FSL306H5~~). All **high school** grade levels in French Immersion, ~~Extended French~~, and ~~French Secondary Schools~~.

Rationale:

Updated and clarified prerequisites and exclusions. Also removed mention of retired courses last offered over 8 years ago.

Consultation:

Resources:

No impact on existing resources.

FSL405H5: Functional French-Advanced I

Prerequisites:

FSL305Y5 or the equivalent as determined by the department's Placement Test. Before enrolling in a French language course for the first time all students **MUST complete the French Placement Test** (<https://frenchpt.utm.utoronto.ca/>). ~~Test~~.

Exclusions:

~~FSL385H5 or FSL386H5 or FSL331Y1 or FSL321Y1 or FRE180H5 or FRE181H5 or FRE280Y5 or FRE283H5 or FRE383H5~~. Not open to francophones and/or holders of the French baccalauréat but contingent on the results of the **French Placement Test**. ~~Test~~ (<https://frenchpt.utm.utoronto.ca/>).

Rationale:

Removed mention of retired course, FSL385H5 (deleted 8 years ago), in course description. Updated prerequisites and exclusions.

Consultation:

Resources:

None.

FSL406H5: Functional French-Advanced II

Prerequisites:

FSL405H5 or the equivalent as determined by the department's **French Placement Test**. Before enrolling in a French language course for the first time all students **MUST complete the Placement Test**(<https://frenchpt.utm.utoronto.ca/>).

Exclusions:

~~FSL385H5 or FSL386H5 or FSL331Y1 or~~ FSL321Y1 or FRE180H5 or FRE181H5 or FRE280Y5 or FRE283H5 or FRE383H5. Not open to francophones ~~and/or~~ holders of the French ~~baccalaureat~~ ~~baccalauréat~~ but contingent on the results of the Placement Test.

Rationale:

Update prerequisites and exclusions. Removed retired courses last offered over 8 years ago.

Consultation:**Resources:**

None.

GER250H5: Introduction to German Culture

Exclusions:**Previous:**

New: GER150H5

Rationale:

Included missing exclusion. GER150H5 was replaced with GER250H5, however, adding the GER150H5 exclusion was missed.

Consultation:**Resources:**

None.

HIN212H5: Introductory Hindi II

Description:

This course focuses on further developing grammatical structures from ~~HIN211H5~~ ~~HIN211H~~ and continues to the next level of Hindi grammar. Students will be introduced to vocabulary of next level to advance their speaking and writing skills by writing compositions and short essay with basic rules of Hindi grammar.

~~[24L, 24P]~~

Rationale:

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

Consultation:**Resources:**

No impact to existing resources.

ITA493H5: Special Topics in Italian Language Teaching and Learning: The Language Classroom

Description:

An individual study in which students integrate and apply their understanding of Italian Studies and Language Teaching & Learning by observing, actively participating in, and reflecting on the teaching and learning process in an Italian language course, under the supervision of an experienced instructor/mentor. Together with the mentor, the student will develop and implement strategies, based on current pedagogical findings, for the successful execution of lesson plans and grammatical and communicative activities in a foreign language classroom. The contact hours for this course may vary in terms of

contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.

~~classroom.~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:

Resources:

ITA494H5: Special Topics in Italian Language Teaching and Learning: Theatre, Drama, and Culture

Description:

An individual study in which students integrate and apply their understanding of Italian Studies and Language Teaching & Learning by observing, actively participating in, and reflecting on the teaching and learning process in an Italian theatre course, under the supervision of an experienced instructor/mentor. Together with the mentor, students will develop and implement strategies, based on current pedagogical findings, for the successful execution of language-centered drama activities (ranging from improvisation to full-length plays) in the classroom. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.

~~classroom.~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:

Resources:

LIN101H5: Introduction to General Linguistics: The Sounds of Language

Exclusions:

LIN100Y5 or LIN100Y1 or LIN101H1 or LINA01H3 or LINA02H3 ~~LINA02H3.~~

Rationale:

Included equivalent A&S course in the course exclusions

Consultation:

Resources:

No resource implications. Exclusions updated.

LIN102H5: Introduction to General Linguistics: Words, Sentences, their Structure and Meaning

Exclusions:

LIN100Y5 or LIN100Y1 or LIN102H1 or LINA01H3 or LINA02H3.

Rationale:

Updated exclusion to include UTSG course equivalent.

Consultation:

Resources:

No impact to existing resources.

LIN228H5: Phonetics**Exclusions:**

LIN208H5 or LIN228H1 or LINB09H3

Rationale:

Included exclusion of LIN208H5. There is overlap between the two courses. LIN208H5 focuses on English and is intended for those completing the ELL Minor program. LIN228 involves more cross-linguistic data.

Consultation:**Resources:**

No impact on existing resources.

LIN325H5: Phonetics and Phonology in English**Prerequisites:**

(LIN101H5 or LIN100Y5)and (LIN228H5 or LIN208H5)

Rationale:

Added appropriate course to prerequisites. Either LIN228H5 or LIN208H5 will provide adequate preparation for the course.

Consultation:**Resources:**

No impact on existing resources.

LIN460H5: Special Topics in Language Change**Description:**

This course examines current issues of theoretical and/or empirical relevance in linguistics with special reference to phenomena involving language change. Depending on the instructor, the focus of the course may be more oriented towards phonology, morpho-syntax, semantics, or the lexicon. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.

~~{24L}~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:**Resources:****SPA219Y5: Spanish for Students with Prior Background****Title:**

Spanish for Heritage and Native Speakers ~~Students with Prior Background~~

Prerequisites:

As indicated by Spanish Language Assessment (www.utm.utoronto.ca/language-studies/spanish-language-course-assessment-questionnaire) recommendation. Basic to relatively high native ability to speak and understand Spanish and limited or no formal education in Spanish.. ~~Spanish.~~

Rationale:

Adding Language Assessment requirement will facilitate guiding language appropriate students to this course. Modify the title of the course based on the instructional content and the student's population for this course

Consultation:**Resources:**

No impact on existing resources.

SPA220Y5: Intermediate Spanish**Prerequisites:**

~~SPA100Y1~~ or SPA100Y5 or SPA100Y1

Exclusions:

Previous: SPA220Y1 or SPA319Y1 or higher

New: SPA219Y1 or SPA219Y5

Rationale:

The excluded courses do not exist and it should be substituted by existing courses.

Consultation:**Resources:**

No impact on existing resources.

SPA235H5: Music and Dance in Hispanic Culture**Contact Hours:**

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

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

Rationale:

Correction of course contact hours. Updated course description to align with intended content of the course.

Consultation:**Resources:**

No resource implications. Change in contact hours (24P to 12P).

5 Retired Courses:**CTE388H5: Anchor Subject Internship****Rationale:**

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and it is no longer offered.

Consultation:

CTE388Y5: Anchor Subject Internship

Rationale:

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and is no longer offered.

Consultation:

FRE372H5: The French Language through Space and Time I

Rationale:

Rationales for deleting this course: 1) During a recent curriculum mapping undertaken in French Studies and alignment of Learning Objectives submitted in Fall 2020, there is no reference to the history of the French language, the main focus of these courses; 2) Our only faculty member with expertise in the course areas retired July 1, 2020; 3) The inclusion of these courses, particularly when required (SPEC), reduces the depth of training in core learning objectives.

Consultation:

FRE373H5: The French Language through Space and Time II

Rationale:

Rationales for deleting this course: 1) During a recent curriculum mapping undertaken in French Studies and alignment of Learning Objectives submitted in Fall 2020, there is no reference to the history of the French language, the main focus of these courses; 2) Our only faculty member with expertise in the course areas retired July 1, 2020; 3) The inclusion of these courses, particularly when required (SPEC), reduces the depth of training in core learning objectives.

Consultation:

FRE419H5: The Art of Short and Tall Story Telling in Quebec: A Study of Short Forms of Fiction and Modern Fantasy

Rationale:

1) This course has not been taught for over 5 years; 2) The faculty member who previously taught it retired several years ago; 3) None of the current faculty wish to teach it in the future.

Consultation:

5 Minor Program Modifications:

Ethics, Law and Society - Minor (Arts)

Completion Requirements:

4.0 credits (not including PHL204H5) are required including at least 1.0 at the 300/400 level.

- 1.0 credit from the following: PHL101H5, PHL102H5, PHL103H5, PHL113H5, PHL105Y5, PHL210Y5, PHL235H5, PHL240H5, PHL241H5, PHL244H5, PHL247H5, PHL255H5, PHL258H5, PHL284H5, PHL285H5
- 0.5 credit from PHL265H5, PHL271H5, PHL275H5
- 1.0 credit from PHL267H5, PHL273H5, PHL274H5, PHL277Y5, PHL283H5, PHL284H5, PHL365H5, PHL367H5, PHL370H5, PHL374H5, PHL376H5 PHL475H5, or from courses listed in #2 above.
- 1.0 credit from ANT, ECO, POL, or SOC
- 0.5 credit from ANT, ECO, POL, SOC, or from courses listed in #2 or #3 above.

Notes: Students cannot use more than 1.0 credits from 100-level PHL courses for program completion credit. Students also cannot use ~~who take~~ PHL277Y5 in combination with either ~~will count as having taken~~ PHL265H5 or ~~and~~ PHL275H5 for program completion credit. Where courses exclude each other, at most one of them may be counted for credit toward philosophy program completion.

Description of Proposed Changes:

New Program requirements added.

Rationale:

Statements added to program description to ensure students are not permitted to use excluded courses for program completion.

Impact:

Consultation:

Resource Implications:

None.

Philosophy - Major (Arts)

Completion Requirements:

Students must complete a program of 7.0 credits in Philosophy (not including PHL204H5), at least 3.0 of which must be at the 300/400 level. The program must include:

- at least 2.5 credits in the History of Philosophy: PHL200H5, PHL210Y5 and 1.0 additional credit from PHL220H5, PHL300H5, PHL301H5, PHL302H5, PHL307H5, PHL310H5, PHL314H5, PHL315H5, PHL324H5, PHL325H5, PHL327H5, PHL400H5, PHL410H5, PHL420H5;
- at least 0.5 credits in Logic: PHL245H5;
- at least 1.0 credits in Metaphysics and Epistemology: from PHL240H5, PHL258H5, PHL332H5, PHL333H5,

PHL340H5, PHL341H5, PHL342H5, PHL350H5, PHL355H5, PHL358H5, PHL360H5, PHL430H5

4. at least 1.0 credits in Ethics and Political Philosophy: PHL265H5, PHL274H5, PHL275H5

Students cannot use more than 1.0 credits from 100-level PHL courses for program completion credit. Students also cannot use PHL277Y5 in combination with either PHL275H5 or PHL265H5 for program completion credit. Where courses exclude each other, at most one of them may be counted for credit toward philosophy program completion.

It is recommended: that students begin their study of Philosophy with PHL103H5 or PHL113H5; and that students planning to enrol in the Major Program in Philosophy complete at least 2.0 credits of PHL200H5, PHL210Y5, PHL245H5, and PHL265H5 or PHL275H5 by the end of their second year.

Description of Proposed Changes:
New program requirements added

Rationale:
Statements added to program description to ensure students are not permitted to use excluded courses for program completion.

Impact:

Consultation:

Resource Implications:
None.

Philosophy - Minor (Arts)

Completion Requirements:

4.0 credits in Philosophy (not including PHL204H5) are required, including at least 1.0 at the 300/400 level.

Students cannot use more than 1.0 credits from 100-level PHL courses for program completion credit. Students also cannot use PHL277Y5 in combination with either PHL265H5 or PHL275H5 for program completion credit. Where courses exclude each other, at most one of them may be counted for credit toward philosophy program completion.

Description of Proposed Changes:
New program requirements added.

Rationale:
Statements added to program description to ensure students are not permitted to use excluded courses for program completion.

Impact:

Consultation:

Resource Implications:
None.

Philosophy - Specialist (Arts)

Enrolment Requirements: 90 12/04/2020

Limited Enrolment — Enrolment in the Specialist Program in Philosophy is limited to students who have completed 4.0 credits including 2.0 PHL credits with a grade of 73% or higher.

Completion Requirements:

~~It is recommended that all students discuss their course selection requirements with the Undergraduate Advisor.~~

The program must include:

1. at least 3.5 credits in the History of Philosophy: PHL200H5, ~~and~~ PHL210Y5 and 2.0 additional credits from PHL220H5, PHL300H5, PHL301H5, PHL302H5, PHL307H5, PHL310H5, PHL314H5, PHL315H5, PHL324H5, PHL325H5, PHL327H5, PHL400H5, PHL410H5, PHL420H5;
2. at least 1.0 credit in Logic and Philosophy of Language: PHL245H5 and 0.5 additional credit from PHL246H5, PHL340H5, PHL345H5, PHL346H5, PHL347H5, PHL348H5, PHL350H5, PHL445H5, PHL447H5, PHL450H5, PHL451H5
3. at least 1.5 credits in Metaphysics and Epistemology: from PHL332H5, PHL333H5, PHL341H5, PHL342H5, PHL355H5, PHL358H5, PHL360H5, PHL430H5
4. at least 1.5 credits in Ethics and Political Philosophy: PHL265H5 and PHL275H5 and 0.5 additional credit from PHL365H5, PHL370H5, PHL374H5, PHL376H5, PHL475H5.

Students cannot use more than 1.0 credits from 100-level PHL courses for program completion credit. Students also cannot use PHL277Y5 in combination with either PHL265H5 or PHL275H5 for program completion credit. Where courses exclude each other, at most one of them may be counted for credit toward philosophy program completion.

It is recommended that all students discuss their course selection requirements with the Undergraduate Advisor.

Description of Proposed Changes:

Edits made to remove the word "and" in requirement #1. New logic courses added to Req2 and statements added to program completion.

Rationale:

Edits made in req 1, to make requirements easier to understand. New logic courses added to Req2 and statements added to program completion. New statements added to ensure that excluded courses are not allowed to be used for program completion.

Impact:

Consultation:

Resource Implications:

No resource implications.

Philosophy of Science - Minor (Arts)

Completion Requirements:

4.0 credits (not including PHL204H5) are required including at least 1.0 at the 300/400 level.

1. At least one of PHL101H5 or PHL102H5 or PHL103H5 or PHL113H5 or PHL105Y5
2. At least one of PHL255H5 or PHL355H5

3. At least one of PHL350H5 or PHL357H5 or PHL358H5
4. 1.5 credits in AST, BIO, ERS, CHM, PSY, PHY
5. 1.0 credits in any other PHL course, with exception to PHL204H5

Students cannot use more than 1.0 credits from 100-level PHL courses for program completion credit. Students also cannot use PHL277Y5 in combination with either PHL275H5 or PHL265H5 for program completion credit. Where courses exclude each other, at most one of them may be counted for credit toward philosophy program completion.

Description of Proposed Changes:

New program requirements added.

Rationale:

Statements added to program description to ensure students are not permitted to use excluded courses for program completion.

Impact:

Consultation:

Resource Implications:

None.

2 Course Modifications:

PHL293H5: Special Topics in Philosophy

Description:

Topic to vary from year to year. 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.

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

PHL390H5: Special Topics in Philosophy

Description:

A course primarily for Specialists and Majors in Philosophy. Topic to vary from year to year. 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.

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

1 Retired Course:

PHL489H5: Seminar in Moral and Political Philosophy

Rationale:

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and is no longer offered.

Consultation:

1 New Course:

ISP130H5: Numeracy for University and Beyond

Contact Hours:

Seminar: 36

Description:

This course teaches quantitative literacy and numeracy skills in order to develop core competencies identified as essential for university and beyond. ISP130H5 enhances students' ability and confidence to engage with quantitative information in a variety of contexts, by applying mathematical, statistical, and computational approaches to make informed decisions, to problem-solve, to effectively communicate and express quantitative information, and to create logical, evidence-based arguments. Rather than focusing on math specific skills, the course explores relevant concepts as they appear in diverse disciplines and authentic real-life situations, such as numbers and magnitude, patterns and relationships, financial literacy, health, probabilistic reasoning, chance and risk, and interpreting data presented in various forms.

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

ISUP was created in response to UTM's 2017 Academic Plan, which committed to "ensur[ing] that every student is offered the support and structure to improve their foundational competencies and communication skills, including written proficiency, information literacy, analytical/numerical ability and presentation skills." The Foundational Numeracy Skills Working Group that was created in response to the plan recommended (1) a new 0.5-FCE foundational course and (2) a Numeracy Development Initiative (NDI) to provide enhanced support for disciplinary applications in existing core and upper-year courses. The NDI has already begun and this ISP130 will be the foundational course in numeracy. ISP100 Writing for University and Beyond was first offered in Fall 2020; ISP130 Numeracy for University and Beyond will be offered in Fall 2021. While ISP100 will within a few years be required for students in all programs, departments are still considering which programs will adopt ISP130.

Consultation:

The Foundational Numeracy Skills Working Group was created in December 2017 as one of the first implementation committees for UTM's Academic Plan.

The Working Group's initial report and recommendations were presented at the Directors' and Chairs' Meeting in September 2018 and further discussed at the following Directors' and Chairs' Meeting in October 2018. The Working Group was reconvened in late October to address the feedback provided by the Directors and Chairs; their response is reflected in the recommendations presented in this report. The Working Group was then reconvened once more in February 2019 to review the revised report prior to circulation among departments.

Resources:

Resource Implications Form has been submitted.

ISUP is conducting a search for an Assistant Professor - Teaching Stream, Numeracy to begin in July 2021. This faculty member will teach ISP130.

2 Course Modifications:

UTM190H5: utmONE Scholars: The Drama of Politics

Title:
utmONE Scholars:Special Topics at the Intersection ~~The Drama~~ of Social Science and Humanities ~~Politics~~

Description:
Previous: This course in political theatre explores prominent themes such as justice, tyranny and rebellion as presented dramatically in plays offering distinct perspectives on political power . The course includes short student performances. [24S]

New:

This course brings together first-year students who have demonstrated outstanding academic achievement to explore a current topic or problem at the intersection of social science and humanities in a small-group environment . The focus of each section will depend on the instructor's areas of expertise and will provide students with the opportunity to develop university-level research and critical thinking skills to support the transition into university . < / p>

Rationale:
The utmONE Scholars courses have used the number range of UTM190 to 199. So far, the numbers 190 to 197 are assigned to specific topics, leaving only 198 and 199 for future topics. To provide room for future topics and to permit more frequent changes of topics, we are changing 190, 191, and 192 into special topics courses for the intersections of Social Science and Humanities (190), Social Science and Science (191), and Humanities and Sciences (192). Course goals and skills development in these courses remain unchanged and will be maintained across topic offerings. The specific topics that had been taught using those numbers have not been taught in five years.

Consultation:

Resources:

UTM192H5: utmONE Scholars: Language, Culture, and Mind

Title:
utmONE Scholars:Special Topics at the Intersection of Science ~~Language ; Culture;~~ and Humanities ~~Mind~~

Description:
Previous: The course introduces students to cutting edge research questions and methods of inquiry in the study of language through the lenses of different disciplines such as language as a communicative tool (Anthropology) , language as an internal system (Linguistics) and language as a cognitive object (Psychology) . [24S]

New:

This course brings together first-year students who have demonstrated outstanding academic achievement to explore a current topic or problem at the intersection of science and humanities in a small-group environment . The focus of each section will depend on the instructor's areas of expertise and will provide students with the opportunity to develop university-level research and critical thinking skills to support the transition into university . < / p>

Distribution Requirements:
Previous: Humanities , Social Science
New: Science , Humanities

Rationale:
The utmONE Scholars courses have used the number range of UTM190 to 199. So far, the numbers 190 to 197 are assigned to specific topics, leaving only 198 and 199 for future topics. To provide room for future topics and to permit more frequent changes of topics, we are changing 190, 191, and 192 into special topics courses for the intersections of Social Science and Humanities (190), Social Science and Science (191), and Humanities and Sciences (192). Course goals

and skills development in these courses remain unchanged and will be maintained across topic offerings. The specific topics that had been taught using those numbers have not been taught in five years.

Consultation:

Resources:

2 Retired Courses:

UTM110H5: LAUNCH: Humanities and Social Science

Rationale:

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and is not being offered.

Consultation:

UTM113H5: utmONE: Power of Expression

Rationale:

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and it is not being offered.

Consultation:

1 New Course:

FAH317H5: Spirit Photography

Contact Hours:

Seminar: 24

Description:

From the haunted images of William Mumler in the 1860's to contemporary manifestations of digital ghost hunting, the search for elusive and invisible spirits by means of the camera lens has been an ongoing preoccupation in the history of photography for over 150 years. Starting with the emergence of phantasmagoric visual entertainments (ca. 1800), this course reviews this rich and fascinating history in Europe and North America but also with a few non-Western cultural examples (e.g., Japan, Philippines) focusing on key case studies in spirit photographic practice. The course considers various reasons why people have wanted to believe in the veracity of these phenomena (e.g., followers of the religious movement of Spiritualism) as well as why others have wanted to debunk spirit photography as a hoax or fraud (e.g., Harry Houdini and P.T. Barnum). Exploring theories derived from deconstruction and psychoanalysis, we seek to understand the philosophical and psychological significance of spirit photography introducing constructs such as hauntology, spectrality, the uncanny, and the work of mourning. The course also reviews how contemporary artists (e.g., Oursler, Beloff) have incorporated motifs and themes related to spirit photography in their works.

Prerequisites:

(FAH101H5 or VCC101H5) and FAH291H5

Corequisites:**Exclusions:**

FAH492H5 (Fall 2017)

Recommended Preparation:**Rationale:**

The instructor is an established scholar in this field of study having published a book on William Mumler and numerous essays. An extremely successful version of the course was offered at the 400 level a few years ago under the general "Topics in Modern Art History" rubric. The instructor believes that it now makes sense to offer it at the 300 level in order to bolster course offerings in photography studies at this level of instruction with the history of photography survey serving as a course prerequisite.

Consultation:

In consultation with DVS Library Liaison.

Resources:

Books for Library. Resource Implications form has been submitted.

4 Retired Courses:

CIN350H5: Storytelling through Genre

Rationale:

This course will not be offered due to changes in program plans for Cinema Major Program.

Consultation:

CIN450H5: Advanced Video Production

Rationale:

This course will not be offered due to changes in program plans for Cinema Major Program.

Consultation:

CIN451H5: Experimental Practices

Rationale:

This course will not be offered due to changes in program plans for Cinema Major Program.

Consultation:

VST101H5: Introduction to Visual Studies

Rationale:

This course is no longer offered.

Consultation:



UNIVERSITY OF TORONTO

University of Toronto Mississauga

SCIENCES Curriculum Proposals Report

Contents

Anthropology (UTM), Department of	3
8 Course Modifications	3
Biology (UTM), Department of	7
7 Course Modifications	7
1 New Course.....	10
Chemical and Physical Sciences (UTM), Department of	12
11 Program Modifications.....	12
4 New Courses	25
15 Course Modifications	30
6 Retired Courses	36
Communication, Culture, Information, & Technology (UTM), Institute of	38
1 Course Modification	38
Forensic Science (UTM)	39
5 Minor Program Modifications.....	39
2 New Courses	44
8 Course Modifications	46
Geography, Geomatics and Environment (UTM), Department of	49
4 Minor Program Modifications.....	49
11 Course Modifications	60
1 Retired Course.....	64
Mathematical and Computational Sciences (UTM), Department of	65
9 Minor Program Modifications.....	65
1 New Course.....	78
32 Course Modifications	79
1 Retired Course.....	92
Psychology (UTM), Department of	93
3 Minor Program Modifications.....	93
1 New Course.....	97
12 Course Modifications	98
Study of University Pedagogy, Institute for the	103
1 New Course.....	103
2 Course Modifications	104
1 Retired Course.....	105

TOTAL SCIENCES MINOR PROGRAM MODIFICATIONS - 32

TOTAL SCIENCES NEW COURSES – 10

TOTAL SCIENCES COURSE MODIFICATIONS – 96

TOTAL SCIENCES RETIRED (DELETED) COURSES - 9

8 Course Modifications:

ANT299H5: Research Opportunity Program

Description:

This courses provides a richly rewarding opportunity for students in their second year to work in the research project of a professor in return for 299H5 course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. **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 February and students are invited to apply in early March. **See** Experiential and International Opportunities for more **details.**

Distribution Requirements:

Previous: Social Science, Science

New:

Rationale:

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:**Resources:**

ANT299Y5: Research Opportunity Program

Description:

This courses provides a richly rewarding opportunity for students in their second year to work in the research project of a professor in return for 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. **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 February and students are invited to apply in early March. **See** Experiential and International Opportunities for more **details.**

Distribution Requirements:

Previous: Social Science, Science

New:

Rationale:

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:**Resources:**

ANT380H5: Special Topics in Biological Anthropology and Archaeology

Description:

Special course on selected topics in biological anthropology and/or archaeology; focus of topic changes each year. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~[24L]~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

ANT399H5: Research Opportunity Program

Description:

This course provides senior undergraduate students who have developed some knowledge of a discipline and its research methods an opportunity to work in the research project of a professor in return for course credit. Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. 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. For details See Experiential and International Opportunities for more details.

Distribution Requirements:

Previous: Social Science, Science

New:

Rationale:

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:

Resources:

ANT399Y5: Research Opportunity Program

Description:

This course provides senior undergraduate students who have developed some knowledge of a discipline and its research methods an opportunity to work in the research project of a professor in return for course credit. Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. 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. For details See Experiential and International Opportunities for more details.

Distribution Requirements:

Previous: Social Science, Science

New:

Rationale:

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:**Resources:****ANT430H5: Special Problems in Biological Anthropology and Archaeology****Prerequisites:**

Previous: 1.0 credits in 300 level anthropology courses and departmental approval.

New: Appropriate 200-level and / or 300-level prerequisite core course requirement (s) will be posted on the departmental website along with the Special Topics title and description prior to course registration.

Rationale:

Housekeeping: Since topics vary year to year, the requirements will be posted on our website. Changed the text to be consistent with our other science course shell ANT432H5.

Consultation:**Resources:****ANT432H5: Advanced Seminar in Biological Anthropology and Archaeology****Description:**

Special seminar on selected topics in any scientific aspect of anthropology, including one or more sub-fields; focus of seminar changes each year. **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.**

~~{24S}~~

Prerequisites:

Appropriate 200-level and/or 300-level prerequisite core course requirement(s) will be posted on the departmental website along with the Special Topics title and description prior to course registration.

Rationale:

Housekeeping: changed "and" to "and/or" .

Consultation:**Resources:****ANT439H5: Advanced Forensic Anthropology****Description:**

Previous: The identification of the remains of victims of homicide, mass disasters and political atrocities . Special methods are used in the recovery and identification of human skeletal remains for presentation in courts of law. [12L, 36P] ANT439H5 is offered in alternate years, alternating with ANT441H5.

New:

Forensic anthropologists are responsible for the search, recovery, and analysis of human skeletal remains in modern contexts . This course will explore the knowledge and skills used by forensic anthropologists to reconstruct the biological

profile of the deceased, make an identification, contribute to the determination of manner and mode of death, understand the events that took place at the scene, and to provide an estimate of time since death. < / p>

Rationale:

The instructor would like to revise the syllabus to make the work load more manageable for students. As such, the course description is being updated to accurately reflect what will be taught.

Consultation:

Resources:

7 Course Modifications:

BIO400Y5: Biology Internship

Exclusions:

Previous: JEG400Y5Y or JEG401Y5Y or BIO481Y5 or JCB487Y5

New: Students may not have concurrent enrolment in any other internship, research, or ROP course .

Rationale:

Students in this course represent UTM to external clients that we partner with. It is important that students are not concurrently enrolled in BIO400Y5Y and other internship, research or ROP courses, as it may cause students to spread themselves too thin in terms of the amount of time they can dedicate to the course. This could affect a student's performance in the placement, and jeopardize our relationship with these partners.

Consultation:

Approval from Biology Curriculum Committee

Resources:

BIO408H5: Neural Circuit Structure and Function

Prerequisites:

BIO202H5 or BIO304H5 or ~~Permission~~ ~~permission~~ of ~~Instructor.~~ ~~instructor~~

Rationale:

BIO408 students are supposed to have some idea of electrical basis of neuronal signal, which is fundamental to many new concepts students will learn in BIO408. In the instructor's experience if students completed BIO304 or BIO202, either course covers sufficient enough background knowledge for BIO408. The instructor has decided that students do not need to have completed 304 & 202, and that students only need to have completed one or the other.

Consultation:**Resources:**

BIO412H5: Climate Change Biology

Prerequisites:

BIO205H5 and (BIO202H5 ~~and~~ ~~BIO203H5~~) or BIO203H5 (~~BIO204H5~~ ~~and~~ ~~BIO205H5~~) and ~~at least one of~~ (GGR377H5 or BIO312H5 or BIO330H5 or BIO331H5 or BIO333H5)

Rationale:

BIO204 has been removed from the prerequisites as this course has not been taught for many years. BIO204 was also split into BIO202 & BIO203 which are now listed in the prerequisites. The instructor would like to open this course up to more students and therefore no longer requires students to have completed both BIO202 and BIO203. Students would only need to complete either one or the other.

Consultation:**Resources:**

BIO483H5: Selected Topics in Biology I

Description:

The focus of this advanced course will reflect the expertise and research of the Instructor. Students will actively participate in the discussion, criticism and interpretations of recent scientific papers. Implications and applications of these research advances will be explored. Current year's topic will be listed on ~~Contact~~ the Biology ~~biology~~ department website. 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 ~~information on~~ the UTM Timetable ~~current years offering~~.

~~{36L}~~

Prerequisites:

Previous: 1.5 BIO courses at the 3 / 400 level

New: Appropriate 200 and / or 300 level prerequisites core course requirement (s) will be posted on the Biology departmental website along with the Special Topics title and description prior to course registration.

Rationale:

We have come to realize that due to the special topics courses being taught by different faculty and having different topics/course content, instructors need to be able to set their own prereqs according to what they feel is appropriate. The prereqs, course title and description will therefore be posted each year on the Biology website prior to enrollment. To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

approved by Biology Curriculum Committee

Resources:

BIO484H5: Selected Topics in Biology II

Description:

The focus of this advanced course will reflect the expertise and research of the Instructor. Students will actively participate in the discussion, criticism and interpretations of recent scientific papers. Implications and applications of these research advances will be explored. Current year's topic will be listed on ~~Contact~~ the Biology ~~biology~~ department website. 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 ~~information on~~ the UTM Timetable ~~current years offering~~.

~~{36L}~~

Prerequisites:

Previous: 1.5 BIO courses at the 3 / 400 level

New: Appropriate 200 and / or 300 level prerequisites core course requirement (s) will be posted on the Biology departmental website along with the Special Topics title and description prior to course registration.

Rationale:

We have come to realize that due to the special topics courses being taught by different faculty and having different topics/course content, instructors need to be able to set their own prereqs according to what they feel is appropriate. The prereqs, course title and description will therefore be posted each year on the Biology website prior to enrolment. To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Approved by Biology Curriculum Committee

Resources:

HSC403H5: Visualization of Forensic Demonstrative Evidence

Prerequisites:

Completion of 10.0 credits, including one of (~~FSC239Y5~~ or ~~BIO210H5~~ or ~~BIO210Y5~~ or ANT205H5 or ANT306H5 or (BIO208H5 and BIO209H5) or BIO210Y5 or FSC239Y5

Rationale:

Addition of BIO208H5 & BIO209H5 to prereqs as these two courses have replaced BIO210Y5Y as of fall 2020. Will leave BIO210Y5Y there for a few more years in case there are still students who have taken BIO210Y5Y but have not graduated yet. BIO210H5 has been removed as we have not taught that course in many, many years. Also changed order of prereqs as they were not in alpha order.

Consultation:**Resources:**

HSC405H5: Digital Forensic Facial Reconstruction

Contact Hours:

Previous: *Practical:* 12 / *Seminar:* 24

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

Prerequisites:

10.0 ~~completed~~ credits including (~~ANT202H5~~ or ANT205H5 or (BIO208H5 and BIO209H5 ~~BIO210Y5~~) or BIO210Y5

Rationale:

The course is no longer being taught as a seminar course so the seminar hours are being changed to lecture hours to reflect this. BIO208H5 and BIO209H5 have been added to prereqs, as these two courses have now replaced BIO210Y5Y. BIO210Y5Y should remain for a few more years in case students are still completing the Biomedical Communications minor in the next few years.

Consultation:

Approved by Biology Curriculum Committee

Resources:

1 New Course:

BIO332H5: Biology Field Research

Contact Hours:

Lecture: 12 / *Practical:* 80

Description:

A two-week Biology field research experience offered in one of the summer terms. The location, subject of the research, and instructor will change according to a regular cycle. Details will be made available on the Department of Biology website well in advance of a change to location. Please note that this course can only be completed once. There will be additional costs for travel and accommodation.

Prerequisites:

6.0 credits and current registration in a Biology, Ecology, Environment/Geography or Earth Science program and permission of the instructor. Appropriate upper level BIO prerequisite core course requirements will be posted on the Biology department website. Any additional unique prerequisites for the course will be posted one year in advance of the move to a new location or with a change of instructor.

Corequisites:**Exclusions:****Recommended Preparation:**

STA215H5 or equivalent 200-level STA course

Topics Covered:

Topics will vary depending on the instructor teaching the course.

Methods of Assessment:

This is an intensive two week field course, which will combine daily lectures and field trips. Students will be required to gather and analyze data both qualitatively and quantitatively. There also will be a group field exercise in the first week, which will entail a written report. During the second week, students will undertake a small project (3 days). Near the end of the course, there will be a series of seminars based on the results of these projects, and a written report and/or presentation will be part of the evaluated components of the course. In addition, there may be testing including plant/animal identification and ecological questions late during the course.

Field work will bring students face-to-face with ambiguous and changing situations that they will have to learn to tolerate, question, analyze, and solve. This course will necessarily involve both individual and group efforts during the course of the research. Students will be required to gather and analyze data both qualitatively and quantitatively. Preparation for the research projects will involve an analysis of the existing literature. A written report and/or presentation will be part of the evaluated components of the course

Rationale:

This course will add a needed field school opportunity offered through the UTM Department of Biology. Currently there is a field school requirement in one Biology program (Specialist Program ERSPE1020 Ecology and Evolution) and an elective in the Specialist Program ERSPE2364 Biology. BIO416H5 - Field Course in Ecology is currently the only option for field work but it requires that students seek a field opportunity outside UTM. This proposed course will not replace BIO416, but instead will open up another opportunity for students to benefit from this core experiential component of research in Biology. This course will not be an exclusion for BIO416H; students may take both. The intent is for this course to rotate between locations on a three-year cycle (one location and instructor for three years). This will allow many of our faculty to engage with students and offer a unique experience. Three years was chosen to allow enough repetitions of the particular course offering to allow a number of students to benefit from it, while not having to redesign the course annually. While one location/instructor is involved, the next location/instructor will be identified and this will allow enough time to design the next iteration and make arrangements for travel, accommodation, and so on. However, the plan is to keep the timing less specific in the course description and instead refer students to the Biology website for details. We will plan at least one year in advance for any change so students can plan accordingly. This course will broaden the experiential

learning opportunities available to our students. This course may from time to time have an international component to it depending on the instructor and the topic.

Consultation:

Approved by the Biology Curriculum Committee

Resources:

Resource Implications Form has been submitted.

There will be additional costs for students that will vary with location. Some will be arranged through fees paid to the department (accommodation, equipment, etc), while others will be paid directly by the student to external service providers (e.g. travel expenses). A deposit will be required to book accommodations and reserve needed resources. This will require administrative oversight and management. There will be costs for the instructor and other support personnel: travel, equipment, and others, depending on the nature of the experience.

TA support will be needed . In addition, TA travel/board expenses will need to be provided.

The department will work with external units (e.g. Experiential Experience Unit) to find funding sources to alleviate direct costs to students.

This course will count toward faculty workload (0.5 FCE) so ongoing sessional instructor support will be needed to teach one Fall/Winter half-course that the field school instructor would normally teach

11 Program Modifications:

Astronomical Sciences - Specialist (Science)

Enrolment Requirements:

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

1. AST110H5
2. MAT102H5
3. (MAT135H5 and MAT136H5) or MAT135Y5 or MAT137Y5 or MAT157Y5
4. ~~MAT223H5 or MAT240H5~~
5. (PHY136H5 and PHY137H5) or (PHY146H5 and PHY147H5)

NOTE: ~~PHY136H5/PHY137H5 will no longer be accepted for enrolment into this program after the 2017/18 academic year.~~

Completion Requirements:

14.0 credits are required.

First Year:

1. AST110H5
2. MAT102H5
3. (MAT135H5 and MAT136H5) or MAT135Y5 or MAT137Y5 or MAT157Y5
4. MAT223H5 or MAT240H5
5. (PHY136H5 and PHY137H5) or (PHY146H5 and PHY147H5)

Second Year:

1. ~~AST221H5~~ ~~AST221H1~~ and ~~AST222H5~~ ~~AST222H1~~
2. MAT232H5 or MAT233H5
3. MAT236H5 and MAT244H5
4. PHY241H5 and PHY245H5
5. PHY242H5 or JCP221H5

Third Year:

1. ~~AST320H5~~ ~~AST320H1~~
2. ~~AST325H1~~ or JCP265H5 or CSC108H5 or ~~AST325H1~~
3. JCP321H5 and JCP322H5
4. MAT311H5 and MAT334H5
5. PHY325H5 and PHY347H5

Fourth Year:

1. **AST399Y5** or AST425Y1
2. JCP421H5
3. PHY451H5
4. STA220H5 or STA256H5

Description of Proposed Changes:

- 1) added in new courses AST221H5, AST222H5, AST320H5 and removed St. George courses.
- 2) added in AST399Y5 as an option for upper year requirement.
- 3) removed 2nd year MATH from the entry requirement

Rationale:

1. With the investment of a new Teaching Stream faculty position (3-Year LTA, search underway) and the forthcoming replacement of our retired Tenure stream faculty member (search to initiate next fall), CPS is active in its mission to invigorate and see to the growth of our course offerings and enrolments in our Astronomical Sciences and Astronomy programs. To that end, we now wish to introduce three core astronomy courses (AST221H5, AST222H5 and AST320H5). At present, students pursuing the Astronomical Sciences Specialist and the Astronomy Major program had to take all three of these courses at St. George campus, which has created significant hardships for UTM students (as attested to in surveys done to gauge interest in further developing astronomy at UTM). The addition of these three courses will allow us to offer full Astronomical Sciences Specialist and Astronomy Major programs on the UTM campus, relieving the burden on our students, which should in turn facilitate increased enrolments.
2. AST399Y5 is added in as a research alternative.
3. Removed 2nd year MATH from the entry requirement as it was causing a huge burden to the students and hurdle towards program entry enrolment, particularly as they are not a pre-requisite for any of the higher level AST or PHY courses.

Impact:**Consultation:****Resource Implications:**

Refer to the course implication form.

Astronomy - Major (Science)**Enrolment Requirements:**

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

1. AST110H5
2. MAT102H5
3. (MAT135H and MAT136H5) or MAT135Y5 or MAT137Y5 or MAT157Y5
4. **MAT223H5 or MAT240H5**
5. (PHY136H5 and PHY137H5) or (PHY146H5 and PHY147H5)

NOTE: PHY136H5/PHY137H5 will no longer be accepted for admission into the program after the 2017/18 academic year.

Completion Requirements:

9.0 credits are required.

First Year:

1. AST110H5
2. MAT102H5
3. (MAT135H5 and MAT136H5) or MAT135Y5 or MAT137Y5 or MAT157Y5
4. MAT223H5 or MAT240H5
5. (PHY136H5 and PHY137H5) or (PHY146H5 and PHY147H5)

Second Year:

1. ~~AST221H5~~ ~~AST221H1~~ and ~~AST222H5~~ ~~AST222H1~~
2. MAT244H5 and MAT236H5
3. MAT232H5 or MAT233H5
4. PHY241H5 and PHY245H5
5. PHY242H5 or JCP221H5

Higher Years ~~Third Year:~~

1. ~~AST320H5~~ ~~AST320H1~~
2. JCP321H5
3. JCP322H5 or one 300/400-level half-course approved by the faculty advisor.

Description of Proposed Changes:

Removed St. George courses and added new CPS/UTM courses AST221H5 and AST222H5.
Removed 2nd year MATH course from the entry requirement.

Rationale:

1) With the investment of a new Teaching Stream faculty position (3-Year LTA, search underway) and the forthcoming replacement of our retired Tenure stream faculty member (search to initiate next fall), CPS is active in its mission to invigorate and see to the growth of our course offerings and enrolments in our Astronomical Sciences and Astronomy programs. To that end, we now wish to introduce three core astronomy courses (AST221H5, AST222H5 and AST320H5). At present, students pursuing the Astronomical Sciences Specialist and the Astronomy Major program had to take all three of these courses at St. George campus, which has created significant hardships for UTM students (as attested to in surveys done to gauge interest in further developing astronomy at UTM). The addition of these three courses will allow us to offer full Astronomical Sciences Specialist and Astronomy Major programs on the UTM campus, relieving the burden on our students, which should in turn facilitate increased enrolments.

2) the removal of 2nd year MATH course from the entry requirement was causing huge burden to the students and was a hurdle in program enrolment, particularly as they are not a pre-requisite for any of the higher level AST or PHY courses.

Impact:**Consultation:****Resource Implications:**

Non

Biological Chemistry - Specialist (Science)

Enrolment Requirements:

Limited Enrolment — Enrolment in this program is restricted. Selection will be based on completion of 4.0 credits including:

1. CHM110H5 and CHM120H5 (minimum grade of 65% in CHM120H5);
2. (MAT132H5 and MAT134H5, minimum grade of 65% in MAT134H5) or (MAT135H5 and MAT136H5, minimum grade of 65% in MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 (minimum grade of 65%); and
3. A minimum CGPA of 2.5.

NOTE: Completion of BIO152H5 is recommended.

Completion Requirements:

14.0 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)

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 JCP410H5 or JCP422H5 or JCP463H5 or JBC472H5 or CHM447H1 or CHM479H1 or any 400 level BCH lecture course.

Notes :

1. Enrolment in certain BCH courses at the St. George campus is limited.
2. (MAT132H5 and MAT134H5) or **and** (MAT135H5 and MAT136H5) or (MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5) is required for all 200-level CHM courses. For MAT157Y5, permission is required from the CHM Program Advisor.
3. Students can not count more than 1.0 credits total in ROP, Internship or Research Project/Thesis courses at the 300/400 level for credit toward their Chemistry program.
4. **BIO207H5 has a pre-requisite** **Students are strongly advised to consult the program advisor regarding their course of BIO152H5 and a corequisite of BIO153H5 study.**

Description of Proposed Changes:**Rationale:**

Added in the the new course CPS489Y5 which will replace CHM489Y5 (as one of the optional requirements). Refer rationale provide under new course CPS489Y5.

Impact:**Consultation:****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 70%)**or** PHY136H5 (with a minimum grade of 90%) ;
2. **and** PHY147H5 (with a minimum grade of 70%) **or** PHY137H5 (with a minimum grade of 90%) ; and
3. ISP100H5.

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

NOTES:

1. Not all 300 and 400 level courses are offered every year. Please check the course timetable carefully each academic year.
2. Check all prerequisites and corequisites when registering for 200+ level courses.

Description of Proposed Changes:

Entry requirement updated to include PHY136H5 and PHY137H5 as an option.

Added in new course CPS489Y5 at fourth year level. This course will replace PHY489Y5

Rationale:

Entry requirement updated to include PHY136H5 and PHY137H5 as an option, so that students with high grades (90%) have an opportunity to apply for PHY programs.

Added in new course CPS489Y5 at fourth year level. This course will replace PHY489Y5 - rationale for this: please refer to CPS489Y5 rationale.

Impact:**Consultation:****Resource Implications:**

none

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

8.0 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

Second Year:

1. CHM211H5 and CHM231H5 and CHM242H5 and CHM243H5
2. JCP221H5

Higher Years:

- 1.0 credit from (CHM372H5 and CHM373H5) or (CHM394H5 and CHM395H5) or (CHM396H5 and CHM397H5)
- 2.5 additional credits of 300/400 level CHM/JCP courses, of which at least 1.5 credits from credit must be lecture courses: CHM311H5 or JCP321H5 or JCP322H5 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
- 1.0 credit from: CHM311H5 or CHM331H5 or CHM333H5 or CHM341H5 or CHM345H5 or CHM347H5 or CHM361H5 or CHM362H5 or CHM372H or CHM373H5 or CHM394H5 or CHM395H or CHM396H5 or CHM397H5 or CHM399Y5 or CHM412H5 or CHM414H5 or CHM416H5 or CHM436H5 or CHM442H5 or CHM444H5 or CHM462H5 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 JBC487Y5

Notes :

1. In addition to 300/400 level CHM/JCP courses, the following courses may be used to fulfill program requirements: CPS398H5 (with permission of the CHM Program Advisor) or CPS400Y5 or FSC311H5 or JBC472H5 or JCB487Y5.
- (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 is required for all 200-level CHM/JCP courses.
- For a balanced training in Chemistry, students should take CHM311H5 and (CHM331H5 or CHM333H5) and (CHM341H5 or CHM345H5) and JCP321H5.
- Students are strongly advised to consult the CHM Program Advisor regarding their course of study.

Description of Proposed Changes:

- 1) To bring in clarity, we are now listing the courses instead of the general statement example, 1.5 credits from 330/400 level JCP/CHM courses.
- 2) Removed notes that were no longer relevant

Rationale:

- To bring in clarity, we are now listing the courses instead of the general statement example, 1.5 credits from 330/400 level JCP/CHM courses.
- 2) Removed notes that were no longer relevant

Impact:

Consultation:

Resource Implications:

none

Chemistry - Minor (Science)

Completion Requirements:

4.0 credits in CHM/JCP are required.

First Year:

1. CHM110H5 and CHM120H5

Higher Years:

1. 2.0 ~~3.0~~ 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 JCP410H5 or CHM412H5 or CHM414H5 or JBC472H5 or JBC487Y5

CHM416H5 or CHM436H5 CHM442H5 or CHM444H5 or CHM462H5 or JCP221H5 of CHM/JCP courses, JCP321H5 or JCP322H5 JCP421H5 or JCP422H5 or JCP463H5 or FSC311H5

2. of which at least 1.0 credits credit must be at the 300/400 level from: 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 JCP410H5 or CHM412H5 or CHM414H5 or CHM416H5 or CHM436H5 or CHM442H5 or CHM444H5 or CHM462H5 or JCP321H5 or JCP322H5 JCP421H5 or JCP422H5 or JCP463H5 or FSC311H5.

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.
3. ~~FSC311H5~~ may be used to fulfill the program requirements

Description of Proposed Changes:

- 1) To bring in clarity, we are now listing the courses instead of the general statement example, 1.5 credits from 330/400 level JCP/CHM courses.
- 2) Notes that were not relevant have been removed.

Rationale:

- 1) To bring in clarity, we are now listing the courses instead of the general statement example, 1.5 credits from 330/400 level JCP/CHM courses.
- 2) Notes that were not relevant have been removed.

Impact:

Consultation:

Resource Implications:

none

Chemistry - Specialist (Science)

Completion Requirements:

13.0 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)

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 of 400 level CHM/JCP 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: CHM311H5 CHM331H5 or CHM333H5 or CHM341H5 or CHM345H5 or CHM347H5 or CHM361H5 or CHM362H5 or CHM372H or CHM373H5 or CHM394H5 or CHM395H or CHM396H5 or CHM397H5 or CHM412H5 or CHM414H5 or CHM416H5 or CHM436H5 or CHM442H5 or CHM444H5 or CHM462H5 300/400 level CHM/JBC/JCP course or CPS398H5 or FSC311H5 or JCP321H5 or JCP322H5 or JCP410H5 or JCP421H5 or JCP422H5 or JCP463H5 (with permission of the CHM Program Advisor)

Notes :

1. For MAT157H5, permission is required from the CHM Program Advisor
2. MAT212H5 has the following requirements: Prerequisite - MAT233H5 or (MAT232H5 or MAT257Y5 as a corequisite); and Corequisite - MAT223H5 or MAT240H5
3. Additional 300 level CHM/JCP courses available include CHM333H5 and CHM347H5 and CHM362H5 and CHM372H5 and CHM373H5 and CHM395H5 and CHM397H5 and FSC311H5 and JCP322H5
4. Additional 400 level CHM/JCP courses include CHM412H5 and CHM414H5 and CHM416H5 and CHM442H5 and CHM444H5 and CHM462H5 and CHM485H5 and JCP410H5 and JCP421H5 and JCP422H5 and JCP463H5, plus the selection of 400 level CHM lecture courses at the St. George campus.
5. MAT134Y5/MAT135Y5/MAT137Y5 is required for all 200-level CHM courses.
6. Students are strongly advised to consult the Program Advisor regarding their course of study.
7. Students can not take more than 2.0 credits total in ROP, Internship or Research Project/Thesis courses at the 300/400 level for credit toward this Chemistry program. Further, these credits may not be taken simultaneously.

Description of Proposed Changes:

Rationale:

- 1) Added in new course - CPS489Y5 as an option under 4th year. This new course replaces CHM489Y5. See new course rationale for CPS489Y5.
- 2) To bring in clarity, we are now listing the courses instead of the general statement example, 1.5 credits from 330/400 level JCP/CHM courses.
- 3) noticed that CHM396H5 was missing from year 3 requirement. Added the course in.

Impact:

Consultation:

Resource Implications:

NONE

Earth Science - Minor (Science)

Enrolment Requirements:

Limited Enrolment — Enrolment in this program is based on completion of 4.0 credits including ERS101H5 or ERS111H5 or ENV100Y5 (A **with a** minimum grade of 60% **in one of these courses is required**.)

Completion Requirements:

4.0-4.5 credits are required.

First Year: ERS101H5 or ERS111H5 or ENV100Y5

Higher Years:

- 1.5 credits from ERS201H5 or ERS202H5 or ERS203H5 or ERS211H5 or ERS225H5
- 2.0 credits of Earth Science (ERS) from: ERS301H5 at the 300/400 level, including PHY351H5 or ERS302H5 or ERS303H5 or ERS304H5 or ERS311H5 or ERS312H5 or ERS315H5 or ERS381H5 or ERS401H5 or ERS402H5 or ERS403H5 or ERS404H5 or ERS411H5 or ERS412H5 or JGE387H5 or PHY351H5 ~~JGE378H5~~

Description of Proposed Changes:

ERS/JGE/PHY Courses are listed under the Second, Third, and Fourth Year program requirements to replace the statement "2.0 Earth Science credits at the 300/400 level".

Rationale:

For clarity purposes, ERS/JGE/PHY courses are listed under the Second, Third, and Fourth Year program requirements.

Impact:

Consultation:

Resource Implications:

Earth Science - Specialist (Science)

Completion Requirements:

14.5-15.0 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. ERS101H5 or ERS111H5 or ENV100Y5
2. ISP100H5
3. CHM110H5 and CHM120H5
4. (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT137Y5
5. (PHY136H5 and PHY137H5) or (PHY146H5 and PHY147H5)
6. BIO152H5 and BIO153H5

Second Year: ERS201H5 and ERS202H5 and ERS203H5 and ERS211H5 and ERS225H5 and STA220H5

Third and Fourth Years:

1. ERS301H5 and ERS303H5 and ERS311H5 and ERSE315H5 and ERS325H5.

2. 4.0 additional credits from GGR201H5 or GGR217H5 or JGE378H5 or PHY351H5 or JCB487Y5 or any ERS course at the 300/400 level. Of these 4.0 credits, 1.0 credit must be at the 400 level.

NOTES:

1. No more than 1.0 credit from CPS489Y5 or ERS399Y5 or ERS499Y5 or ERS470Y5 or ERS471H5 or JCB487Y5 can be counted toward the Earth Science Specialist program.
2. Students interested in future certification by the Association of Professional Geologists of Ontario in their Geology and Environmental Geoscience oriented streams may benefit from taking courses in one of the following two pathways:

Resources, Hazards & Tectonics Pathway: ERS302H5, ERS304H5, ERS402H5, ERS403H5, ERS404H5, ERS425H5, JGE378H5, and 0.5 credit from CPS489Y5/ERS399Y5/ERS470Y5/ERS471H5/ERS472H5/JCB487Y5.

Earth, Climate, & Life Pathway: ERS304H5, ERS312H5, ERS411H5, ERS412H5, ERS425H5, GGR201H5, GGR217H5, and 0.5 credit from CPS489Y5/ERS399Y5/ERS470Y5/ERS471H5/ERS472H5/JCB487Y5.

Description of Proposed Changes:

Rationale:

Added in the new course CPS489Y5 as an option - listed under the pathways. This course will replace ERS470Y5. Please refer to the rationale provided under new course CPS489Y5

Impact:

Consultation:

Resource Implications:

None.

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 90%) and PHY137H5 (with a minimum grade of 90%)

~~ISP100H5.~~

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 ~~SP100H5~~

Second Year:

1. PHY241H5 and PHY245H5

2. JCP221H5 and JCP265H5

Third & Fourth Years:

~~1.~~ PHY324H5 and PHY325H5 and PHY343H5 and PHY347H5 and PHY451H5 and JCP321H5 and JCP322H5 and JCP421H5

~~2.~~ 1.0 additional credit of PHY or JCP or CPS courses at the 300/400 level

NOTES:

1. Not all 300 and 400 level courses are offered every year. Please check the course timetable carefully each academic year.
2. Check all prerequisites and corequisites when registering for 200+ level courses.

Description of Proposed Changes:

- 1) Entry requirement updated to include PHY136H5 and PHY137H5 as an option.
- 2) the 3rd and 4th year program requirement updated. Removed 1.0 credit from PHY/JCP courses and replaced with PHY347H5 and JCP322H5.

Rationale:

- 1) Entry requirement updated to include PHY136H5 and PHY137H5 as an option, so that students with high grades (90%) have an opportunity to apply for PHY programs.
- 2) Under the 3rd and 4th year program requirement of 1.0 additional credit is replaced with required courses, i.e. PHY347H5 and JCP322H5. The PHY347 and JCP322 are included to enrich the program for students and to align it with similar physics programs at other universities.

Impact:

Consultation:

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 90%) and PHY137H5 (with a minimum grade of 90%)

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) ~~PHY147H5~~

Second Year: PHY241H5 and PHY245H5 and JCP265H5

Higher Years:

~~1.~~ JCP321H5

1.5 ~~2~~ ~~1.0~~ credits from: JCP321H5, JCP322H5, ~~or~~ JCP421H5, PHY324H5, PHY325H5, PHY332H5, PHY333H5, PHY343H5, PHY347H5, PHY351H5, PHY426H5, PHY433H5, PHY451H5 ~~or any 300/400 level Physics course.~~

NOTES:

1. Not all 300 and 400 level courses are offered every year. Please check the course timetable carefully each academic year.
2. Check all prerequisites and corequisites when registering for 200+ level courses.

Description of Proposed Changes:

- 1) Courses are listed for the 3rd and fourth year program requirement.
- 2) Entry requirement updated to include PHY136H5 and PHY137H5 as an option.

Rationale:

- 1) For clarity - courses are listed for the 3rd and fourth year program requirement instead of the statement "1.0 credit from any 300 /400 level courses".
- 2) Entry requirement updated to include PHY136H5 and PHY137H5 as an option , so that students with high grades (90%) have an opportunity to apply for PHY programs.

Impact:

Consultation:

Resource Implications:

4 New Courses:

AST221H5: Astrophysics I – Planets, Sun and Stars

Impact on Programs:

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

Contact Hours:

Lecture: 36

Description:

This course explores the astrophysics of planets, Sun and stars, including their observed variety, structure, formation and evolution.

Prerequisites:

AST110H5 and [(MAT135H5 and MAT136H5) or MAT135Y5 or MAT137Y5 or MAT157Y5] and (PHY146H5 and PHY147H5)

Corequisites:**Exclusions:**

AST221H1

Recommended Preparation:**Rationale:**

With the investment of a new Teaching Stream faculty position (search underway) and the forthcoming replacement of our retired Tenure stream faculty member (search to initiate next fall), CPS is active in its mission to invigorate and see to the growth of our course offerings and enrolments in our Astronomical Sciences and Astronomy programs. To that end, we now wish to introduce three core astronomy courses (AST221H5, AST222H5 and AST320H5). At present, students pursuing the Astronomical Sciences Specialist and the Astronomy Major program had to take all three of these courses at St. George campus, which has created significant hardships for UTM students (as attested to in surveys done to gauge interest in further developing astronomy at UTM). The addition of these three courses will allow us to offer full Astronomical Sciences Specialist and Astronomy Major programs on the UTM campus, relieving the burden on our students, which should in turn facilitate increased enrolments.

Consultation:**Resources:**

Resource Implications Form has been submitted.

AST222H5: Astrophysics II – Stellar Systems, Galaxies and the Universe

Impact on Programs:

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

Contact Hours:

Lecture: 36

Description:

This course explores the astrophysics of the Milky Way, other galaxies, and the Universe

Prerequisites:

AST221H5

Corequisites:**Exclusions:**

AST222H1

Recommended Preparation:**Rationale:**

With the investment of a new Teaching Stream faculty position (search underway) and the forthcoming replacement of our retired Tenure stream faculty member (search to initiate next fall), CPS is active in its mission to invigorate and see to the growth of our course offerings and enrolments in our Astronomical Sciences and Astronomy programs. To that end, we now wish to introduce three core astronomy courses (AST221H5, AST222H5 and AST320H5). At present, students pursuing the Astronomical Sciences Specialist and the Astronomy Major program had to take all three of these courses at St. George campus, which has created significant hardships for UTM students (as attested to in surveys done to gauge interest in further developing astronomy at UTM). The addition of these three courses will allow us to offer full Astronomical Sciences Specialist and Astronomy Major programs on the UTM campus, relieving the burden on our students, which should in turn facilitate increased enrolments.

Consultation:**Resources:**

Resource Implications Form has been submitted.

AST320H5: Astrophysics III – Formation and Evolution of Astronomical Objects

Impact on Programs:

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

Contact Hours:

Lecture: 36

Description:

This course explores the formation, equilibrium and evolution of structure on all astronomical scales, from the smallest to the largest: stars, gas clouds, clusters of stars, the Milky Way, galaxies, clusters of galaxies, and the whole universe.

Prerequisites:

AST222H5

Corequisites:**Exclusions:**

AST320H1

Recommended Preparation:**Rationale:**

With the investment of a new Teaching Stream faculty position (search underway) and the forthcoming replacement of our retired Tenure stream faculty member (search to initiate next fall), CPS is active in its mission to invigorate and see to the growth of our course offerings and enrolments in our Astronomical Sciences and Astronomy programs. To that end, we now wish to introduce three core astronomy courses (AST221H5, AST222H5 and AST320H5). At present, students pursuing the Astronomical Sciences Specialist and the Astronomy Major program had to take all three of these courses at St. George campus, which has created significant hardships for UTM students (as attested to in surveys done to gauge interest in further developing astronomy at UTM). The addition of these three courses will allow us to offer full Astronomical Sciences Specialist and Astronomy Major programs on the UTM campus, relieving the burden on our students, which should in turn facilitate increased enrolments.

Consultation:**Resources:**

Resource Implications Form has been submitted.

CPS489Y5: Introduction to Research in the Chemical and Physical Sciences

Impact on Programs:

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

Contact Hours:

Practical: 240

Description:

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 before the end of June for Fall enrolment. Application forms may be found at <http://uoft.me/cpsforms>. Applications should be submitted to the CPS Undergraduate Assistant.

Prerequisites:

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

Corequisites:

Exclusions:

BIO400Y5 or BIO481Y5 or CBJ481Y5 or CHM489Y5 or ERS470Y5 or ERS471H5 or ERS472H5 or PHY489Y5 or BCH472Y1 or BCH473Y1 or CHM499Y1 or CSB497H1 or CSB498Y1 or CSB499Y1 or ESS491H1 or ESS492Y1 or MGY480Y1 or PHY478H1 or PHY479Y1 or BIOD98Y3 or CHMD90Y3 or CHMD91H3 or ESSD09H3 or ESSD10H3 or PSCD10H3

Recommended Preparation:

Rationale:

It is our belief that CPS currently lacks uniformity in terms of expectations for research courses, especially when comparing between faculty and disciplines. Most research faculty in CPS were consulted as part of one-on-one meetings/interviews last year (2019). Unsurprisingly, the most common criticism was “every research student gets an A” and that students were ill prepared for the high expectations of writing a research thesis. Pedagogical best practices support the implementation of scaffolded research projects so as to allow students to more effectively manage their project and time while still having the project remain under their control.

As such, our primary goal is to provide a scaffolded introduction to a student's first significant self-lead research experience. This course will further provide bespoke training in discipline-specific research skills, time management, project management, literary skills, and communication skills development in order to provide an effective introduction to research best practices. In addition to discipline specific research training provided by the research supervisor, a course facilitator will be responsible for the following skills development training:

1. Weekly meetings with all research students. These one-hour sessions will further include guest speakers such as librarians, writing experts from the RGASC, graduate students, and colleagues who have agreed to share their experiences.
2. Students will be producing weekly reflection reports following the DEAL method (Ash and Clayton, 2009). The goal is to keep students working at a reasonable pace throughout the semester. The course facilitator will review, comment, and return the reflection reports to the students so as to improve their research momentum by having students think ahead, at next week's tasks, so that they come into the lab with focus and direction.
3. The course facilitator will have students write a research proposal (following the guidelines of NSERC graduate funding). This exercise will be completed in the fall semester and will serve as an outline for their final paper. The research proposal will emphasize the importance of hypothesis testing and/or discovery-based science, will identify the intended research protocol to best achieve success, will provide a summary of the most important literature in the field, and if all goes well, may even produce some preliminary results.
4. January onwards will be dedicated to the final report. The course facilitator's goal is to have a living document that

students work on every week, with constant feedback from the course facilitator.

5. The course facilitator will host a final presentation and final poster session. The course facilitator wishes to emphasize how these represent two distinct forms of scientific communication. Having both forms of communication juxtaposed with the research paper will help frame why each of these venues are different in terms of media, message, and even audience.

6. The course facilitator proposes to have the final report due to the research faculty on the last day of March. Following submission, the course facilitator will be taking on the role of "Editor" and requesting two external reviews (Primary and secondary readers). Reviewers will have one week to provide comments, after which students will have 2 weeks to make any changes they want to the final draft. In order to have a chance to resubmit (and likely improve their final grade), students will be required to "reply" to every comment made by the "reviewers". This will serve to replicate the peer-review process and highlight the need to respond to critical comments

Consultation:

Resources:

Resource Implications Form has been submitted.

Introduction of a faculty coordinator will require 0.5 FCE workload recognition for work done to lead skills development session. This model has been piloted in the 2020-21 academic year via inclusion of these skills sessions and weekly reflection report assignments in all 400-level CPS research courses. Ongoing support in the form of a course facilitator from the Experiential Learning Office is anticipated to help with the administrative aspects of running the skills development sessions and reflection report management. Resourcing previously in place to support CHM489Y5, PHY489Y5, and ERS470Y5 will be reallocated to this new course.

15 Course Modifications:

ERS381H5: Special Topics in Earth Sciences

Description:

A survey of current thinking in Earth science. Topics may include obtaining data in the field or lab and **analyzing** ~~analysing~~ it, an interdisciplinary research project, and supervised **readings**. **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.**

~~readings.~~

Prerequisites:

Enrolment in ERS Major or ERS Specialist or Environmental Geosciences Specialist or Geology Specialist Program **and**, 1.0 ~~credits at~~ ERS or ESS **300-level credits** ~~300 level~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:**Resources:**

CHM201H5: The Science of Human Health

New Course Code:

CHM101H5

Exclusions:

CHM201H5 and any ~~Any~~ CHM/JCP course taken previously or concurrently

Recommended Preparation:

Previous: 2.5 credits.

New:

Rationale:

This is a chemistry course for non-science majors. Initially we thought that the systems-thinking aspect of the course would demand greater academic maturity than a first-year student would possess. However, after running the course for two years with an enrollment consisting mainly of first-year students, we have concluded that it is suitable for first-year students and the 200 level numbering may have frightened off some students unnecessarily
Removed "recommended preparation of 2.5 credits" as the course will now be offered as first year.

Consultation:**Resources:**

CHM243H5: Introductory Organic Chemistry II

Contact Hours:

Previous: *Lecture:* 24 / *Practical:* 48 / *Tutorial:* 12

New: *Lecture:* 36 / *Practical:* 48

Rationale:

CHM243, like CHM242, is a course that requires 3 x 1 hr lectures per week. Using the Friday class time as a TA-led TUT

has not been done in at least 20 years ago. None of us currently in the department remembers when CHM243 used the Friday class as a TA-led TUT or even as a TUT at all. Given the content-heavy nature of CHM243, it should be structured similarly to CHM242 with 3 lectures per week.

Because CHM243 has weekly labs, students already have a heavy time commitment to CHM243. We therefore do not plan to add a weekly tutorial to CHM243. Because the lab practicals often do not use the full time, sometimes students use that time after they have completed lab to informally ask questions of their TAs. TAs may answer these student questions if they wish.

Consultation:

Resources:

none

CHM311H5: Instrumental Analytical Chemistry

Contact Hours:

Previous: *Lecture:* 24 / *Tutorial:* 12

New: *Lecture:* 24 / *Seminar:* 12

Description:

Introduction to the basic theory and practice underlying important techniques in analytical chemistry, chosen from three major areas of instrumental analysis: spectroscopy, electrochemistry and separation science. Specific topics will include fluorescence spectroscopy, atomic spectroscopy, x-ray fluorescence, voltammetry, high resolution gas and liquid chromatography, mass spectrometry, and a brief introduction to computer applications, including Fourier transform methods. A problem-based approach will be used to explore these methods in a wide variety of practical applications: ~~{24L}~~, which will include student presentations.

~~{2T}~~

Exclusions:

CHM317Y1 or (CHMC16H3 and CHMC11H3)

Rationale:

Over the last 15-20 years, group presentations on modern aspects of analytical chemistry have been provided in the tutorial sessions of CHM311, CHM412, CHM414 and CHM416. Student groups are assigned grades (by the course instructor) based on the quality of their presentations and members of the student audience ask questions to the presentation group and prepare presentation evaluation reports in order to earn peer assessment grades in the course. As such, the tutorial sessions should be re-classified as seminars to better reflect the activities actually done in these courses.

Consultation:

Resources:

None.

CHM412H5: Analytical Methods of Biomolecule Analysis

Contact Hours:

Previous: *Lecture:* 24 / *Tutorial:* 12

New: *Lecture:* 24 / *Seminar:* 12

Rationale:

Over the last 15-20 years, group presentations on modern aspects of analytical chemistry have been provided in the tutorial sessions of CHM311, CHM412, CHM414 and CHM416. Student groups are assigned grades (by the course instructor) based on the quality of their presentations and members of the student audience ask questions to the presentation group and prepare presentation evaluation reports in order to earn peer assessment grades in the course. As such, the tutorial sessions should be re-classified as seminars to better reflect the activities actually done in these courses.

Consultation:

Resources:

None

CHM414H5: Advanced Topics in Analytical Chemistry

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

An overview of both recent and fundamental developments of instrumentation that are revolutionizing the field of analytical chemistry, with an emphasis on applications in biological chemistry and biotechnology. Topics will include specialized mass spectrometry techniques, including secondary ion, fast atom bombardment and ion cyclotron resonance mass spectrometry methods; GC/MS and LC/MS interfaces; a survey of surface-oriented techniques including x-ray photoelectron spectroscopy, Auger electron spectroscopy, Raman spectroscopy, attenuated total reflection methods, total internal reflection fluorescence methods; Fourier transform theory and methods; microcomputer interfacing and chemometrics. **Course work will include independent literature reviews and student presentations.**

~~{24L, 12T}~~**Rationale:**

Over the last 15-20 years, group presentations on modern aspects of analytical chemistry have been provided in the tutorial sessions of CHM311, CHM412, CHM414 and CHM416. Student groups are assigned grades (by the course instructor) based on the quality of their presentations and members of the student audience ask questions to the presentation group and prepare presentation evaluation reports in order to earn peer assessment grades in the course. As such, the tutorial sessions should be re-classified as seminars to better reflect the activities actually done in these courses.

Consultation:**Resources:**

None

CHM416H5: Separations, Chromatography and Microfluidics

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

Separation science will be explored by building on a survey of fundamental physical principles to understand processes of extraction, and technologies such as solid phase microextraction, supercritical fluid extraction, immunoaffinity extraction and molecularly imprinted polymers. Plate and rate theory will be developed to consider various forms of gas and liquid chromatographic methods, including hyphenated techniques that bridge to information detectors such as mass spectrometers. New opportunities for chromatography and separations by movement to small scale size will be considered by focusing on microfluidics, electro-osmotic flow and chip based microdevice applications. Applications examples will focus on problems in life sciences, forensics and environmental chemistry. **Course work will include independent literature reviews and student presentations.**

~~{24L, 12T}~~

Rationale:

Over the last 15-20 years, group presentations on modern aspects of analytical chemistry have been provided in the tutorial sessions of CHM311, CHM412, CHM414 and CHM416. Student groups are assigned grades (by the course instructor) based on the quality of their presentations and members of the student audience ask questions to the presentation group and prepare presentation evaluation reports in order to earn peer assessment grades in the course. As such, the tutorial sessions should be re-classified as seminars to better reflect the activities actually done in these courses.

Consultation:**Resources:**

None

CPS401Y5: Research and Development in Science Education

Abbreviated Title:

Previous: Adv St : Cdn & Indig NA Lit

New: R&D in Science Education

Description:

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.

[240P]

Prerequisites:

Enrollment in a CPS or Environmental Science Major or Specialist program with a minimum CGPA of 2.7 and program; 9.0 credits, including at least 2.0 credits at the 200-level in FCE from 200 level CHM or ERS or ENV or GGR or PHY/PHY; minimum CGPA of 2.7

Rationale:

- 1) This course is an outgrowth of a LEAF Grant held by Professors Murck and Poë and a combined ROP offering, CHM399Y and ENV399Y. Last year it was converted to a CPS course in order to encourage participation by students from the other CPS disciplines. However it was an oversight and not the intention to exclude the ENV students who, together with Professor Murck, contributed so much to the richness of the course. It has been confirmed by Professor Murck that Environmental Science wishes to include this course as an EXP option in their programs.
- 2) Course description and prerequisite updated to include Environmental Science program (Major and Specialist).

Consultation:**Resources:**

ERS403H5: Earthquake Seismology

Description:**Previous:**

This course will focus on important geophysical concepts and methods that are used to understand the interior of the Earth and the theory of Plate Tectonics. Major topics include gravity, isostasy, magnetism, heat flow, and seismology. Students will learn to apply basic geophysical equations to address real-life geoscience problems. They will also be introduced to common applied-geophysical techniques used for subsurface sensing, with applications to resource exploration and

engineering and environmental studies . < / p>

New:

Why do earthquakes occur and how do they cause damage? What is a seismogram and what can it tell us about earthquakes and the Earth's structure? Earthquakes tend to strike suddenly and without warning . Because of their destructive power, tremendous efforts and monetary resources are dedicated to advancing earthquake science and designing effective hazard mitigation controls. This course will provide an overview of the physics of earthquakes and seismic wave propagation, and current seismic hazard mitigation plans and policies. Concepts covered in this course include stress and strain relations, elastic wave equation, body and surface waves, seismic instrumentation and data, global earth structure, earthquake location, seismic source theory, earthquake mechanics, ground motion, the seismic cycle and earthquake recurrence models, seismic hazard analysis, and human-induced earthquakes . < / span>

Rationale:

The change submitted in the earlier curriculum meeting was due to an error. The description should remain as is shown in 2020-21 Academic Calendar.

Consultation:

Resources:

JCP221H5: Thermodynamics

Abbreviated Title:

Thermodynamics ~~and Kinetics~~

Prerequisites:

[(CHM110H5 and CHM120H5 with a minimum grade of 60% in CHM120H5)or~~(PHY136H5 and PHY137H5) or (PHY146H5 and ~~PHY147H5 with a minimum 60% in~~ PHY147H5)] and [(MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or (MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5)]~~

Exclusions:

CHM220H1 or CHM221H1 or CHM225Y1 or CHMB20H3 or CHMB23H3; ~~B23H3~~

Recommended Preparation:

~~(MAT212H5 or MAT223H5 or MAT232H5 or MAT233H5 or MAT236H5 or MAT240H5 or MAT242H5) or MAT244H5~~ ~~MAT244H5.~~

Rationale:

Removed the percentage requirement in pre-requisite course- PHY146H5 & PHY147H5. This will allow students who have passed PHY146H5 and PHY147H5 to enroll in JCP221H5.

Consultation:

Resources:

JCP321H5: Quantum Mechanics I: Foundations

Prerequisites:

(PHY136H5 and PHY137H5)or(PHY146H5 and PHY147H5 ~~with minimum 60%~~) and (JCP221H5 or PHY245H5) and (MAT212H5 or MAT223H5 or MAT232H5 or MAT242H5 or MAT244H5)

Exclusions:

CHM326Y1 or PHY256H1 or PHY356H1 or PHYB56H3 or PHYC56H3; ~~C56H3~~

Rationale:

Removed the percentage requirement in pre-requisite course- PHY146H5 & PHY147H5. This will allow students who have passed PHY146H5 and PHY147H5 to enroll in JCP321H5.

Consultation:

Resources:

PHY136H5: Introductory Physics I

Prerequisites:

Grade 12 Advanced Functions(MHF4U)or/Grade 12 Calculus & Vectors (MCV4U)

Exclusions:

~~PHY146H5~~ or PHY131H1 or PHY151H1 or PHYA10H3 or PHYA11H3

Rationale:

Removed PHY146H5 from exclusion because the content between PHY136H5 and PHY146H5 differs.

Consultation:

Resources:

PHY137H5: Introductory Physics II

Prerequisites:

PHY136H5 or PHY146H5 ~~permission of instructor~~

Exclusions:

~~PHY147H5~~ or PHY132H1 or PHY152H1 or PHYA21H3 or PHYA22H3

Rationale:

Removed PHY147H5 from exclusion because the content between PHY137H5 and PHY147H5 differs.
Removed PI from Pre-requisite and added PHY147H5 to allow students who have completed PHY146H5 to enroll in PHY137H5

Consultation:

Resources:

PHY146H5: Principles of Physics I

Exclusions:

~~PHY136H5~~ or PHY131H1 or PHY151H1 or PHYA10H3 or; PHYA11H3

Rationale:

Removed PHY136H5 from exclusion because the content between PHY136H5 and PHY146H5 differs.

Consultation:

Resources:

PHY147H5: Principles of Physics II

Prerequisites:

PHY146H5 or PHY136H5 (minimum grade of 90%)

Exclusions:

~~PHY137H5~~ or PHY132H1 or PHY152H1 or PHYA21H3 or PHYA 22H3

Rationale:

Removed PHY137H5 from exclusion because the content between PHY137H5 and PHY147H5 differs.
Added PHY136H5 to pre-requisite to allow students who have completed PHY136H5 to enroll in PHY147H5

Consultation:**Resources:**

6 Retired Courses:

ERS470Y5: Research Thesis

Rationale:

Replaced with new course CPS489Y5Y. See Rationale for introduction of CPS489Y5Y.

Consultation:

PHY135Y5: What's Physics Got to Do With It?

Rationale:

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and is no longer offered.

Consultation:

PHY247H5: Vibrations and Waves

Rationale:

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and is no longer offered.

Consultation:

PHY331H5: Mathematical and Computational Physics

Rationale:

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and is no longer offered.

Consultation:

PHY489Y5: Introduction to Research in Physics

Rationale:

Replaced with new course CPS489Y5Y. See Rationale for introduction of CPS489Y5Y.

Consultation:

SCI498H5: Science Education: Special Topics

Rationale:

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and is no longer offered.

Consultation:

1 Course Modification:

CCT399Y5: Research Opportunity Program (ROP)

Description:

This course provides an opportunity for third or higher year students to assist with the research project of a professor in return for 399Y course credit. Students have an opportunity to become involved in original research and enhance their research skills. **Based on the nature of the project, projects may satisfy the Humanities, Sciences or Social Sciences distribution requirement.** 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**.

~~details.~~

Distribution Requirements:

Previous: Social Science, Science, Humanities

New:

Rationale:

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Humanities, Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:

Resources:

5 Minor Program Modifications:

Forensic Anthropology - Specialist (Science)

Completion Requirements:

A minimum of 15.5 ~~15.0~~ credits are required.

First Year: ANT101H5, ANT102H5; BIO152H5, BIO153H5; FSC239Y5

Second Year: ANT200H5, ANT202H5, ANT203H5, ANT205H5; FSC271H5; STA215H5/ANT407H5

Third Year: ANT306H5, ANT312H5/~~7~~ ANT317H5, ANT334H5, ANT340H5; (FSC300H5, FSC302H5)/(FSC210H5, FSC303H5), FSC316H5, FSC330H5, **FSC335H5**, FSC340H5, FSC360H5

Fourth Year: ANT415H5, ANT436H5/FSC307H5; ANT439H5, ANT441H5; FSC401H5, **FSC439H5**, FSC481Y5/(FSC482H5, FSC483H5)

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 Anthropology may not complete the Forensic Anthropology Specialist Program due to the overlap of course content for courses 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.** 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.

Description of Proposed Changes:

Modified/Adding FSC335H5 to all FSC SPE programs, (with exception of CHM this yr --requires further discussion before we can modify/add due to total # of program requirements). Adding new program specific course FSC439H5; Provide the option of taking either ANT312H5 or ANT317H5, rather than requiring both; Total Program required courses changes to 15.5 (from 15).

Rationale:

We are incorporating /Adding FSC335H5 to all FSC SPE programs, (with the xception of CHM this year , which requires further discussion before we can modify/add due to total # of program requirements). Adding FSC439H5 -advanced program specific course, as program requirement to enhance/add to student learning outcome from ANT439H5.

Impact:

Consultation:

FSC Faculty, ANT Chair

Resource Implications:

Forensic Biology - Specialist (Science)

Completion Requirements:

A minimum of ~~15.5~~ 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, (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:

To provide students with more options in their program required courses for 2 BIO courses not offered on regular basis providing more options for bioinformatics and genomic program requirements:

BIO362 (Bioinformatics) / CSC108 (Introduction to Computer Programming) / JCP265 (Introduction to Scientific Computing) - WHERE students are still getting some basic computational exposure, which is necessary for a future career in biology/biotech/forensic bio etc...

BIO458 (Genomics) / BIO372 (Molecular Biology) / BIO341 (Advanced Genetics) - WHERE students can therefore take any advanced genetics/molecular course of their choosing, essentially

And then, because BIO341 was listed in the 0.5 extra option, we added option of FSC307 Missing Persons DVI & Unidentified Human Remains (which not originally including it, must have been oversight on our part) and BIO374 (which mentions forensic biotechnology in its' course description) to the extra option list.

Total Program Required courses changes to minimum of 16.0 credits (from minimum of 15.5)

Rationale:

As BIO362H5 and BIO 458H5 are not offered on regular basis, these changes will provide students with more options in their required courses:

BIO362 (Bioinformatics) / CSC108 (Introduction to Computer Programming) / JCP265 (Introduction to Scientific Computing) - WHERE students are still getting some basic computational exposure, which is necessary for a future career in biology/biotech/forensic bio etc...

BIO458 (Genomics) / BIO372 (Molecular Biology) / BIO341 (Advanced Genetics) - WHERE students can therefore take any advanced genetics/molecular course of their choosing, essentially

And then, because BIO341 was in the 0.5 extra option, added FSC307 Missing Persons DVI & Unidentified Human Remains (which must have been oversight on our part) and BIO374 (which mentions forensic biotechnology in its' course description) to the extra option list. FSC335 is being added to all FSC SPE programs (except FSC CHM).

Impact:**Consultation:**

FSC Faculty

Resource Implications:**Forensic Psychology - Specialist (Science)****Completion Requirements:**

At least 15.5 ~~15.0~~ credits are required.

First Year: PSY100Y5; FSC239Y5; BIO152H5, BIO153H5

Second Year:

1. PSY201H5, PSY202H5/equivalent
2. FSC271H5, FSC220H5
3. PSY210H5, PSY220H5, PSY230H5, PSY240H5, PSY270H5/PSY274H5/PSY280H5/PSY290H5

Third and Fourth Year:

1. (FSC300H5, FSC302H5)/(FSC303H5, FSC316H5), FSC320H5, FSC330H5, FSC335H5, FSC360H5, FSC370H5; PSY309H5, PSY328H5/PSY340H5/PSY341H5/PSY393H5, PSY344H5/PSY346H5;
2. One laboratory course from: PSY329H5, PSY369H5
3. 0.5 credits from the following: FSC350H5, FSC351H5, FSC361H5, FSC371H5, FSC401H5, FSC402H5, FSC403H5, FSC406H5, FSC407H5
4. 0.5 credit from PSY 400 level series courses
5. FSC420H5, FSC481Y5/(FSC482H5, FSC483H5)

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 Psychology may not complete a Forensic Psychology Specialist Program due to the overlap of course content for courses 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 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.

Description of Proposed Changes:

Modified/Adding FSC335H5 to all FSC SPE programs, (with exception of CHM this yr --requires further discussion before we can modify/add due to total # of program requirements). Total Program Required Courses changes to 15.5 (from 15.0)

Rationale:

Modified/Adding FSC335H5 to all FSC SPE programs, (with exception of CHM this yr --requires further discussion before we can modify/add due to total # of program requirements).

Impact:**Consultation:**

FSC Faculty

Resource Implications:

Forensic Science - Major (Science)

Completion Requirements:

Note : This program must be taken **concurrently with as part of a second Double Major program (see notes below) Honours degree.**

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; STA215H5/STA220H5

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:

Second Major

1. The Forensic Science **Major is part of a Double Major Honours Degree program and 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 **Second Major MUST** select the **ERMAJ0105 Anthropology (Science) Major** . As part of the ANT (**SCI Set**) Major **requirement of elective requirements (3.0 additional ANT credits, science courses)** students are recommended to **choose from take** the following: ANT205H5; ANT306H5, ANT334H5, ANT340H5, ~~ANT439H5~~. **Additional related courses include:** 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:

Added the 2 new courses (FSC335H5 & ANT361H5 to the selection of 4th year course options to fulfill 0.5 credit requirement.

Rationale:

Provide additional FSC Major course options to complete program requirements.

Impact:

Consultation:

Resource Implications:

Forensic Science - Minor (Science)

Completion Requirements:

4.0 credits are required.

First Year: FSC239Y5

Second Year: FSC271H5

Third Year: FSC303H5, FSC360H5 and 0.5 credit from FSC210H5, FSC220H5, FSC307H5, FSC311H5, FSC314H5, FSC315H5, FSC316H5, FSC320H5, FSC330H5, **FSC335H5**, FSC350H5, FSC351H5, **FSC361H5**, FSC370H5,

Fourth Year:

- FSC430H5
- 0.5 credit from FSC401H5, FSC402H5, FSC403H5, FSC406H5, FSC415H5, FSC416H5, FSC420H5

Some third-year and fourth-year courses listed above have additional pre-requisites. Students interested in these courses should plan their courses appropriately to ensure that the stated pre-requisites are met. Students without pre- and co-requisites or written permission of the instructor can be de-registered from courses at any time.

Description of Proposed Changes:

Added 2 new courses to the 3rd year list of possible choices to complete the required additional 0.5 FSC credits:

Rationale:

Provide Minor students with additional course options to complete program.

Impact:

Consultation:

Resource Implications:

2 New Courses:

FSC335H5: Forensic Theory

Impact on Programs:

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

Contact Hours:

Seminar: 36

Description:

This course will explore and discuss the basic role of a forensic scientist and what it means to be scientifically informed.

Prerequisites:

FSC239Y5 and FSC271H5

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

Adding new course offering for new faculty hire (Rasmus Larsen). Adding FSC335H5 to all FSC SPE programs, (with exception of CHM this yr --requires further discussion before we can modify/add due to total # of program requirements).

Consultation:

Forensic Faculty

Resources:

Requires TA (marking) -dependent on course enrolment.

FSC439H5: Forensic Anthropology Case Analysis

Impact on Programs:

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

Contact Hours:

Lecture: 12 / Practical: 36

Description:

This course offers a case-based approach to forensic anthropology. Students will critically evaluate real forensic anthropological cases, in addition to completing their own mock cases - from the transfer of evidence to a mock trial.

Prerequisites:

ANT439H5

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

ANT 439 was a full year course until 2013. Prior to being reduced to a half year course it contained labs, as well as a mock case, during which students were able to implement the skills and knowledge they gained through lectures and labs. Content was reduced in 2013 and again in subsequent years in an effort to accommodate both lab and mock case experience. Despite adding additional lab time, it was not feasible to adequately do both experiential components in a half course. Student reviews from 2015-16 and 2017-18 (the course is offered every other year) indicated that they felt stressed, over worked, and under-prepared. The creation of FSC 439 will address this issue. ANT 439 will retain the lab portion of the course, allowing students more time to develop skills, and permitting the instructor to re-introduce skills that were deleted when the course was altered to a half year. Since only FSC Anthropology Specialists require ANT439 (the existing course) and the new course goes beyond ANT 439 emphasizing practical applications and professional practice for Forensic Anthropologists, it is appropriate to add the new course to the FSC Program as FSC439. It will also be a program requirement for FSC Anthropology Specialists. The Chair of Anthropology has agreed that the additional training provided by FSC 439 should be offered through the Forensic Science Program, where the FSC ANT Specialist is offered. Reference to a mock case has been deleted from ANT439.

Consultation:

FSC Program Faculty & ANT Chair

Resources:

TA resources will be required, as per same ratio as ANT439H5. ANT Lab space is required.

8 Course Modifications:

FSC100H5: The Real CSI

Exclusions:**Previous:**

New: FSC239Y5

Rationale:

Adding Exclusion FSC239Y5 due to some overlap in crime scene/identical topics covered between these two courses.

Consultation:**Resources:**

FSC101H5: The Real Law & Order

Exclusions:

Previous: FSC239Y5

New:

Rationale:

Removing FSC239Y as an exclusion, as FSC law topics do not overlap between these courses. (This was an initial error when listing the exclusions for FSC100 & 102, we inadvertently reversed them).

Consultation:

FSC Faculty

Resources:

FSC271H5: Ethics and Professionalism in Forensic Science

Description:

Previous: This course covers three main areas of importance to the forensic scientist and the expert witness: Ethics in forensic science; the scientific theories of proof and evidence including the critical thinking and logic; analysis of how the major philosophical schools of thought impact on forensic science . [24L, 12S]

New:

This course covers the importance of professionalism and ethical behaviour for Forensic Scientists . It looks at the role of the Forensic Scientist and the expert witness and the consequences when ethical guidelines are not followed . < / p>

Rationale:

Revising course description for clarity.

Consultation:**Resources:**

FSC320H5: Forensic Psychopathology

Contact Hours:

Previous: *Lecture: 24 / Practical: 24*

New: *Lecture: 36*

Prerequisites:

Previous:

New: FSC220H5 and FSC271H5

Rationale:

Revised delivery method & hours, new course added last year for expected new hire -was incorrectly listed with [24L, 24P] -is to be delivered as 36L.

Consultation:

Resources:

FSC406H5: Introduction To 3D Crime Scene Mapping And Reconstruction

Prerequisites:

FSC300H5 or FSC303H5 and FSC302H5

Rationale:

Removed FSC302 Advanced Forensic Identification and added FSC303H5 Crime Scene Techniques. Basic forensic identification/crime scene knowledge is required as a prerequisite. This will allow minors to also take this course as they take the FSC303H5 -providing minors with additional option at the 4th year level.

Consultation:

Resources:

FSC430H5: Seminar in Forensic Science

Description:

As a capstone course, FSC430H5 is intended to apply the unique interdisciplinary perspectives acquired by students enrolled **Key themes** in the Forensic Science Minor. This course **forensic science** will address key themes in forensics, and culminate in a collaborative course project **be addressed**, informed and shaped by these **the various interdisciplinary** perspectives. Students can expect to work in partnerships, groups, or teams to investigate and discuss major issues, hot topics, historical events or growing bodies of knowledge that contribute to a broader understanding of forensic science and how it is relevant across many, if not all disciplines.

Restricted to students enrolled in the Forensic Science Minor.

{36S}

Enrolment Limits:

Restricted to students enrolled in the Forensic Science Minor.

Rationale:

Revising course description for clarity. Due to growing number of FSC Minors, changed Priority given to Minors to: Restricted to FSC Minors.

Consultation:

FSC Faculty

Resources:

TA hours, dependent on course enrollment (current TA ratio on file).

FSC350H5: Special Topics in Forensic Science

Description:

A survey of recent developments in theory and applications of forensic science with particular attention to case studies in a

particular branch of forensic science. 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.

~~{36L}~~

Prerequisites:

FSC239Y5 ~~FSC239Y~~ or permission of instructor

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

FSC351H5: Advanced Topics in Forensic Science

Description:

A survey of recent developments in theory and applications of forensic science with particular attention to case studies in a particular branch of forensic science. 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.

~~{36L}~~

Prerequisites:

Previous: FSC239Y / Permission of Instructor (Priority given to Forensic Science Specialists and Majors .)

New: FSC239Y5 or permission of instructor

Enrolment Limits:

Priority given to Forensic Science Specialists and Majors.

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

4 Minor Program Modifications:

Environmental Science - Major (Science)

Completion Requirements:

8.0 credits are required, of which at least 2.0 must be at the 300-400 level.

First Year: 3.0 credits:

1. **Environment Foundation** : ENV100Y5
2. **Quantitative and Basic Science Foundation** : 2.0 credits chosen from this list: ANT101H5; BIO152H5, BIO153H5; CHM110H5, CHM120H5; ERS101H5; GGR112H5, MAT132H5, MAT134H5, MAT135H5, MAT136H5, MAT137Y5; PHY136H5, PHY137H5, PHY146H5, PHY147H5

Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.

Second Year: 2.5 credits:

1. **Environmental Management Core** : ENV201H5
2. **Life Sciences Core** : 0.5 credit chosen from this list: BIO201H5, BIO205H5, BIO211H5; GGR227H5
3. **Physical Geographical and Earth Sciences Core** : 1.0 credit chosen from this list: CHM211H5, CHM231H5, CHM242H5; ERS201H5, ERS202H5, ERS203H5; GGR201H5, GGR214H5, GGR217H5; JCP221H5;
4. **Quantitative, Digital, and Analytical Methods Core** : 0.5 credit chosen from this list: BIO360H5, BIO361H5; CHM211H5; GGR276H5, GGR278H5; STA215H5, STA220H5, STA221H5

Upper Years: 2.5 credits:

1. **Environmental Science Perspectives** : ENV330H5
2. **Field, Project-Based, Experiential, and Research Perspectives** : 0.5 credit chosen from this list: BIO416H5 ; CPS401Y5; ENV299Y5; ~~ENV332H5~~, ENV399Y5, ENV496H5, ENV497H5; ERS325H5; GGR335H5, GGR379H5; JEG400Y5, JEG417Y5
3. **Biogeochemical Perspectives** : 1.0 credit chosen from this list: BIO311H5, BIO331H5, BIO333H5; ENV495H5, ENV496H5; ERS312H5, ERS315H5, ERS412H5; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR337H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR376H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR440H5, GGR479H5, GGR484H5;
4. **Social, Economic & Policy Perspectives** : 0.5 credit chosen from this list: ANT357H5, ANT368H5, ANT370H5; BIO464H5; ECO373Y5; ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; ~~ENV435H5~~; GGR322H5, GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR362H5, GGR365H5, GGR370H5, GGR415H5, GGR419H5, GGR420H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; JPE251H5, JPE252H5; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5

Note: ENV490H5, ENV491H5 can substitute for #1, #2, #3, or #4 as course requirements, where appropriate, and with permission of the Program Advisor or Academic Counsellor.

Note: This is intended to be an interdisciplinary program. At least four different disciplines must be represented among the courses that are counted as program requirements. For example, a course list selected from ENV + GGR + CHM + ERS is

acceptable, but a course list selected only from ENV + GGR + ERS is not. Please contact the Program Advisors or Academic Counsellor if you have any questions about the validity of your course selections.

Description of Proposed Changes:

Rationale:

we have removed ENV332H5 since this course is designed for social science students and added CPS401Y5 which was previously co-taught as a ROP by both Professor Murck and Professor Poe and open to ENV SCi students. Now that it is an official course it is being added as an option to the Environmental Science program. Remove ENV435H5 from the list of possible choices because the course was never offered and it is being removed from the calendar.

Impact:

Consultation:

Resource Implications:

none

Environmental Science - Specialist (Science)

Completion Requirements:

~~Within an Honours degree~~, 12.0 credits are required, of which at least 4.0 must be at the 300-400 level, including at least 1.0 at the 400 level.

First Year: 4.0 credits:

1. **Environment Foundation** : ENV100Y5
2. **Quantitative and Basic Scientific Foundation** : 3.0 credits chosen from this list: ANT101H5; BIO152H5, BIO153H5; CHM110H5, CHM120H5, CSC108H5, CSC148H5; ERS101H5; GGR112H5; MAT132H5, MAT134H5, MAT135H5, MAT136H5, MAT137Y5, PHY136H5, PHY137H5, PHY146H5, PHY147H5

Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.

Second Year: 4.0 credits:

1. **Environmental Management Core** : ENV201H5
2. **Life Science Core** : 1.0 credit chosen from this list: BIO201H5, BIO205H5, BIO211H5; GGR227H5
3. **Physical Geographical and Earth Science Core** : 1.5 credit from the following: CHM211H5, CHM231H5, CHM242H5; GGR201H5, GGR214H5, GGR217H5; ERS201H5, ERS202H5, ERS203H5; JCP221H5
4. **Quantitative, Digital, and Analytical Methods Core** : 1.0 credit: BIO360H5, BIO361H5; CHM211H5; GGR276H5, GGR278H5; STA215H5, STA220H5, STA221H5

Upper Years: 4.0 credits:

1. **Environmental Science Perspective** : ENV330H5
2. **Field, Project-based, Experiential, and Research Perspectives** : 1.5 credit chosen from this list: BIO416H5 ; CPS401Y5; ENV299Y5; ~~ENV332H5~~, ENV399Y5, ENV496H5, ENV497H5; ERS325H5; GGR335H5, GGR379H5; JEG400Y5, JEG417Y5
3. **Biogeochemical Perspectives** : 1.0 credits chosen from this list: BIO311H5, BIO331H5, BIO333H5, BIO373H5,

BIO406H5; ENV495H5, ENV496H5; ERS312H5, ERS315H5, ERS412H5; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR337H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR376H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR440H5, GGR479H5, GGR484H5;

4. **Environmental Management Perspectives** : 0.5 credit chosen from this list: BIO464H5; ENV205H5, ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; JEP452H5
5. **Social, Economic and Policy Perspectives** : 0.5 credit chosen from this list: ANT357H5, ANT368H5, ANT370H5; ECO373Y5; ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; ~~ENV435H5~~; GGR322H5, GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR362H5, GGR365H5, GGR370H5, GGR419H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; JPE251H5, JPE252H5; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5

Note: ENV490H5, ENV491H5 can substitute for #1, #2, #3, or #4 as course requirements, where appropriate, and with permission of the Program Advisor or Academic Counsellor.

Note: This is intended to be an interdisciplinary program. At least four different disciplines must be represented among the courses that are counted as program requirements. For example, a course list selected from ENV + GGR + CHM + ERS is acceptable, but a course list selected only from ENV + GGR + ERS is not. Please contact the Program Advisors or Academic Counsellor if you have any questions about the validity of your course selections.

Description of Proposed Changes:

we have updated the course options for students

Rationale:

we have removed ENV332H5 since this course is designed for social science students and added CPS401Y5 which was previously taught as a ROP by both Professor Murck and Professor Poe and open to ENV SCi students. Now that it is an official course it is being added as an option to the Environmental Science program. Remove ENV435H5 from the list of possible courses because the course was never offered and is being removed from the calendar.

Impact:

Consultation:

Resource Implications:

none

University of Toronto Mississauga

Proposal to Modify a Combined Degree Program

SECTION 1 – Summary Information

Program: <i>(e.g. Combined Specialist in Environmental Management and MScSM (GSCOBASU1))</i>	Combined Specialist in Environmental Science and MScSM (GSCOBASU3)
Department/Unit:	Department of Geography, Geomatics and Environment
Department/Unit Contact:	Sabrina Ferrari Academic Counsellor sabrina.ferrari@utoronto.ca
Date of Proposal:	October 16 th , 2020
Faculty/Academic Division:	University of Toronto Mississauga
Effective Date:	September 1, 2021

SECTION 2 - Proposal

1. DESCRIPTION OF THE PROPOSED CHANGE

Please provide a brief summary of the change being proposed and the impetus for the change. For programs combined with the Master of Teaching (MT), please confirm that the proposed changes do not effect teaching subject credit requirements for the MT Program.

1. remove ENV332H5 from the list of options under *Field, Project-Based Experiential and Research Perspectives*
2. add CPS401Y5 to the list of options under *Field, Project-Based Experiential and Research Perspectives*
3. remove ENV435H5 from list of options under Social, Economic and Policy Perspectives.

2. ACADEMIC RATIONALE

Discuss the academic reason for the change and what impact the change may have to students, course offerings and the program as a whole (positive and negative).

1. ENV332H5 was designed for social science students
2. CPS401Y5 was previously a ROP co-taught by Professor Murck and Professor Poe with CPS and ENV students. Now that the course is officially on the books we will offer it as an option.
3. The course is being removed from the calendar and was never offered so it will not impact students from completing program requirements

3. CONSULTATION

Confirm consultation has occurred, as appropriate. For changes that involve courses offered by other units, consultation should occur in advance of proposal submission.

We have consulted MScSM to advise of this update. We have also consulted with CPS about adding CPS401Y5

4. FINANCIAL AND RESOURCE IMPLICATIONS

Indicate any faculty, TA, space, equipment, library or other resources that will be impacted as a result of the proposed change. Please consider resource needs that may decrease in addition to new/ increased requirements.

none

5. CALENDAR COPY WITH TRACK CHANGES

Include the current calendar copy below and indicate the changes to be made using the track changes tool.

Limited Enrolment – Enrolment in this program is limited to students who:

- Are currently enrolled in the Specialist Program in Environmental Science (ERSPE1061);
- Have either completed or are currently enrolled in a min. of 15.0 total credits
- Have a min. annual GPA of 3.7 in the most recent year of study
- Have been offered conditional early admission to the MScSM Program Meeting the minimum requirements does not guarantee admission to the program. There are a limited number of spaces available in this program; thus, the actual GPA requirement in any particular year may vary from the 3.7 value in order to achieve a proper balance between enrolments and teaching/ learning resources.

First Year:

1. **Environment Foundation:** ENV100Y5
2. **Quantitative and Basic Scientific Foundation:** 3.0 credits chosen from this list: ANT101H5; BIO152H5, BIO153H5, CHM110H5, CHM120H5; CSC108H5,

CSC148H5; ERS101H5, GGR112H5, MAT132H5, MAT134H5, MAT135H5, MAT136H5, MAT137Y5; PHY136H5, PHY137H5, PHY146H5, PHY147H5

Second Year:

1. **Environmental Management Core:** ENV201H5
2. **Life Sciences Core:** 1.0 credit chosen from this list: BIO201H5, BIO205H5, BIO211H5; GGR227H5
3. **Physical Geographical and Earth Science Core:** 1.5 credit chosen from this list: CHM211H5, CHM231H5, CHM242H5; GGR201H5, GGR214H5, GGR217H5; ERS201H5, ERS202H5, ERS203H5; JCP221H5
4. **Quantitative, Digital, and Analytical Methods Core:** 1.0 credit: BIO360H5, BIO361H5; CHM211H5; GGR276H5, GGR278H5; STA215H5, STA220H5, STA221H5

Third & Fourth Years:

1. **Environmental Science Perspective:** ENV330H5
2. **Field, Project-based, Experiential, and Research Perspectives:** 1.5 credit chosen from this list: BIO416H5; CPS401Y5; ENV299Y5, ENV332H5, ENV399Y5, ENV496H5, ENV497H5; ERS325H5; GGR335H5, GGR379H5; JEG400Y5, JEG417Y5
3. **Biogeochemical Perspectives:** 1.0 credits chosen from this list: BIO311H5, BIO331H5, BIO333H5, BIO373H5, BIO406H5; ENV495H5, ENV496H5; ERS312H5, ERS315H5, ERS412H5; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR337H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR376H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR440H5, GGR479H5, GGR484H5
4. **Environmental Management Perspectives:** 0.5 credit chosen from this list: BIO464H5; ENV205H5, ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; JEP452H5
5. **Social, Economic & Policy Perspectives:** 0.5 credit chosen from this list: ANT357H5, ANT368H5, ANT370H5; ECO373Y5; ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5, ENV435H5; GGR322H5, GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR362H5, GGR365H5, GGR370H5, GGR419H5, GGR420H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; JPE251H5, JPE252H5; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5
6. **MScSM Courses:** 1.0 credit chosen from this list: SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H; ECO2908H; EES1107H, EES1124H, EES1125H; ENV1002H, ENV1704H, ENV1707H; or another program-relevant graduate course with permission of the MScSM Director

Fifth & Sixth Years:

1. **Core Courses:** SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM1090H, SSM1100Y
2. **Elective Courses:** 3.0 credits of either Science or Management, Economics, and Social Electives
3. **Internship:** SSM1110H

Notes:

1. Students must complete a min. 15.0 credits before they can enroll in this Combined Degree Program
2. Students must also complete their remaining Environmental Science Specialist program requirements and undergraduate degree

requirements before conditions of acceptance to the MScSM Program are removed and student can begin graduate studies.

3. Students will retain 1.0 credit of graduate MScSM courses that were completed during their undergraduate. These courses do not need to be repeated to fulfill MScSM program requirements.

4. Sample Science elective courses for MScSM: JPG1407H, JPG1408H; EES1107H, EES1117H, EES1125H; ENV1002H, ENV1704H; or another program-relevant course with permission of the MScSM Director and Chair of the host department.

5. Sample Management, Economics, and Social elective courses for MScSM: SSM2010H, SSM2020H; ENV1707H; EES1124H; ECO2908H; MGT2918H; RSM2216H; or another program-relevant course with permission of the MScSM Director and Chair of the host department.

University of Toronto Mississauga

Proposal to Modify a Combined Degree Program

SECTION 1 – Summary Information

Program: <i>(e.g. Combined Specialist in Environmental Management and MScSM (GSCOBASU1))</i>	Combined Major in Environmental Science and MScSM (GSCOBASU4)
Department/Unit:	Department of Geography, Geomatics and Environment
Department/Unit Contact:	Sabrina Ferrari Academic Counsellor sabrina.ferrari@utoronto.ca
Date of Proposal:	October 16 th , 2020
Faculty/Academic Division:	University of Toronto Mississauga
Effective Date:	September 1, 2021

SECTION 2 - Proposal

6. DESCRIPTION OF THE PROPOSED CHANGE

Please provide a brief summary of the change being proposed and the impetus for the change. For programs combined with the Master of Teaching (MT), please confirm that the proposed changes do not effect teaching subject credit requirements for the MT Program.

4. remove ENV332H5 from the list of options under *Field, Project-Based Experiential and Research Perspectives*
5. add CPS401Y5 to the list of options under *Field, Project-Based Experiential and Research Perspectives*
6. remove ENV435H5 from list of options under Social, Economic and Policy Perspectives

7. ACADEMIC RATIONALE

Discuss the academic reason for the change and what impact the change may have to students, course offerings and the program as a whole (positive and negative).

4. ENV332H5 was designed for social science students
5. CPS401Y5 was previously a ROP co-taught by Professor Murck and Professor Poe with CPS and ENV students. Now that the course is officially on the books we will offer it as an option.
6. The course is being removed from the calendar and was never offered so it will not impact students from completing program requirements

8. CONSULTATION

Confirm consultation has occurred, as appropriate. For changes that involve courses offered by other units, consultation should occur in advance of proposal submission.

We have consulted MScSM to advise of this update. We have also consulted with CPS about adding CPS401Y5

9. FINANCIAL AND RESOURCE IMPLICATIONS

Indicate any faculty, TA, space, equipment, library or other resources that will be impacted as a result of the proposed change. Please consider resource needs that may decrease in addition to new/ increased requirements.

none

10. CALENDAR COPY WITH TRACK CHANGES

Include the current calendar copy below and indicate the changes to be made using the track changes tool.

Limited Enrolment – Enrolment in this program is limited to students who:

- Are currently enrolled in the Major Program in Environmental Science (ERMAJ1061);
- Have either completed or are currently enrolled in a min. of 15.0 total credits
- Have a min. annual GPA of 3.7 in the most recent year of study
- Have been offered conditional early admission to the MScSM Program Meeting the minimum requirements does not guarantee admission to the program. There are a limited number of spaces available in this program; thus, the actual GPA requirement in any particular year may vary from the 3.7 value in order to achieve a proper balance between enrolments and teaching/ learning resources.

First Year:

1. **Environment Foundation:** ENV100Y5

2. **Quantitative and Basic Scientific Foundation:** 2.0 credits chosen from this list: ANT101H5, BIO152H5, BIO153H5, CHM110H5, CHM120H5, ERS101H5; GGR112H5, MAT132H5, MAT134H5, MAT135H5, MAT136H5, MAT137Y5, PHY136H5, PHY137H5, PHY146H5, PHY147H5

Second Year:

1. **Environmental Management Core:** ENV201H5

2. **Life Sciences Core:** 0.5 credit chosen from this list: BIO201H5, BIO205H5, BIO211H5; GGR227H5

3. **Physical Geographical and Earth Sciences Core:**

1.0 credit chosen from this list: CHM211H5, CHM231H5, CHM242H5; ERS201H5, ERS202H5, ERS203H5; GGR201H5, GGR214H5, GGR217H5; JCP221H5

4. **Quantitative, Digital, and Analytical Methods**

Core: 0.5 credit: BIO360H5, BIO361H5; CHM211H5; GGR276H5, GGR278H5; STA215H5, STA220H5, 221H5

Third & Fourth Years:

1. **Environmental Science Perspective:** ENV330H5

2. **Field, Project-Based, Experiential, and Research**

Perspectives: 0.5 credit chosen from this list:

BIO416H5; CPS401Y5; ENV299Y5, ~~ENV332H5~~, ENV399Y5, ENV496H5, ENV497H5; ERS325H5; GGR335H5, GGR379H5; JEG400Y5, JEG417Y5

3. **Biogeochemical Perspectives:** 1.0 credit chosen

from this list: BIO311H5, BIO331H5, BIO333H5; ENV495H5, ENV496H5; ERS312H5, ERS315H5, ERS412H5; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR337H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR376H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR440H5, GGR479H5, GGR484H5

4. **Social, Economic & Policy Perspectives:** 0.5 credit

chosen from this list: ANT357H5, ANT368H5, ANT370H5; BIO464H5; ECO373Y5; ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5, ENV435H5; GGR322H5, GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR362H5, GGR365H5, GGR370H5, GGR415H5, GGR419H5, GGR420H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; JPE251H5, JPE252H5; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5

5. **MScSM Courses:** 1.0 credit chosen from this list:

SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H; ECO2908H; EES1107H, EES1124H, EES1125H; ENV1002H, ENV1704H, ENV1707H; or another program-relevant graduate course with permission of the MScSM Director

Fifth & Sixth Years:

1. **Core Courses:** SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM1090H, SSM1100Y

2. **Elective Courses:** 3.0 credits of either Science or Management, Economics, and Social Electives

3. **Internship:** SSM1110H

Notes:

1. Students must complete a min. 15.0 credits before they can enroll in this Combined Degree Program

2. Students must also complete their remaining Environmental Science Major program requirements and undergraduate degree requirements before conditions of acceptance to the MScSM Program are removed and student can begin graduate studies.

3. Students will retain 1.0 credit of graduate MScSM courses that were completed during their

undergraduate. These courses do not need to be repeated to fulfill MScSM program requirements.

4. Sample Science elective courses for MScSM: JPG1407H, JPG1408H; EES1107H, EES1117H, EES1125H; ENV1002H, ENV1704H; or another program-relevant course with permission of the MScSM Director and Chair of the host department.

5. Sample Management, Economics, and Social elective courses for MScSM: SSM2010H, SSM2020H; ENV1707H; EES1124H; ECO2908H; MGT2918H; RSM2216H; or another program-relevant course with permission of the MScSM Director and Chair of the host department.

11 Course Modifications:

ENV299Y5: Research Opportunity Program

Description:

This course provides a richly rewarding opportunity for students in their second year to work on a research project with 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. **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 February and students are invited to apply in early March. See Experiential and International Opportunities for more **details**.

~~details.~~

Distribution Requirements:

Previous: Social Science, Science

New:

Rationale:

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:**Resources:**

ENV399Y5: Research Opportunity Program

Description:

This course provides a richly rewarding opportunity for students in their second year to work on a research project with 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. **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 February and students are invited to apply in early March. See Experiential and International Opportunities for more **details**.

~~details.~~

Distribution Requirements:

Previous: Social Science, Science

New:

Rationale:

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:**Resources:**

ENV490H5: Special Topics in Environmental Studies

Description:

These courses highlight various topics of special interest in environmental studies. The specific focus and format of the course will vary, depending on the chosen topic. The course will not be offered every year. Please check with the Academic Counsellor, Sabrina Ferrari(905-828-5465), for further information. **The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable**

~~{24L}~~

Prerequisites:

14.0 ~~14~~ credits including ENV100Y5

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

ENV491H5: Special Topics in Environmental Studies

Description:

These courses highlight various topics of special interest in environmental studies. The specific focus and format of the courses will vary, depending on the chosen topic. The courses will not be offered every year. Please check with the Academic Counsellor, Sabrina Ferrari(905-828-5465), for further information. **The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.**

~~{24L}~~

Prerequisites:

Previous: 4th year standing, ENV100Y5, P.I.

New: 14.0 credits including ENV100Y5 and permission of instructor

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

GGR372H5: Geographical Analysis of Land Resources

Prerequisites:

9.0 credits including ~~GGR272H5~~ or GGR278H5 or ~~and~~ permission of instructor

Rationale:

updated course pre requisites and changed "and permission of instructor" to "or permission of instructor". Permission of instructor is only required if student has not completed the listed prerequisite course.

Consultation:

Resources:

GGR304H5: Dendrochronology

Prerequisites:

9.0 credits including [GGR276H5 and (~~either~~ GGR214H5 or GGR227H5) or ~~and~~ permission of instructor]

Rationale:

updated prerequisite from "and permission of instructor" to "or permission of instructor" , Permission of instructor is only required if the student does not have the required courses listed, GGR276H5 and either GGR214H5 or GGR227H5.

Consultation:

Resources:

GGR399Y5: Research Opportunity Program

Description:

This course provides senior undergraduate students who have developed knowledge of geography and have studied its research methods the chance to work as part of a research team, under the direction of a professor, in exchange for course credit. Students have the opportunity to be involved in original research, enhance their research skills and participate in the excitement and discovery of facilitating new knowledge. **Based on the nature of the project, projects may satisfy the Sciences or Social Sciences distribution requirement. Participating Project descriptions for participating faculty members post project descriptions** for the following summer and fall/winter semesters **are posted** on the ROP website(www.utm.utoronto.ca/rop)in mid-February and students are invited to apply at that time. This course may fulfill field day components. Please consult with your **supervisor**.

~~supervisor.~~

Distribution Requirements:

Previous: Social Science, Science

New:

Rationale:

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:

Resources:

GGR437H5: Advanced Remote Sensing

Title:

Previous: Advanced Remote Sensing

New: Cloud-based Image Analysis

Contact Hours:

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

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

Description:

This course builds on the fundamental remote sensing concepts, techniques, and applications introduced in GGR337H5 GGR 337, and aims to provide an advanced study of digital image processing and remote sensing applications. In specific Topics include image pre-processing and calibration, spectral data transformation, image enhancement, this course will use a cloud-based platform for large-scale analysis of satellite imagery pattern recognition, including mapping ground features artificial intelligence, detecting changes hyperspectral image analysis, and change detection. Students will apply these advanced remote sensing techniques in practical lab exercises and identifying trends on the Earth's surface a term project.

{24L, 24P}

Rationale:

The revised course title and updated course description are a more accurate description of what the course is about and how the course is taught. The change in instruction hours is due to students needing less time in lecture. Lecture time is structured as a seminar type class to discuss relevant papers and 12 hours will suffice. Students require 24 hours of practical time to work on projects in the computer lab.

Consultation:**Resources:**

none

GGR463H5: Geographic Information Analysis and Processing

Description:

This course focuses Emphasis will be on both the digital representation analysis and analysis processing of geospatial phenomena geographic information using open source software. Topics from geographic information science will be presented. Class discussions cover the foundational methods Extensive hands-on experience with spatially explicit simulation models, algorithms fuzzy techniques, and scripting languages used in GIS statistical analysis, which are reinforced in lab using current, widely used open source software. The course is structured as a series of modules that culminate in a final project. Students are encouraged to incorporate individual areas of interest into class discussion and assignments programming tools. Successful students will broaden their GIS toolset, increasing the flexibility of their work.

{12L/24P}

Rationale:

The updated course description is a more accurate representation of how the course is taught.

Consultation:**Resources:**

none

GGR479H5: Special Topics in Physical Geography

Description:

An advanced seminar dealing with topics in physical geography, to be selected according to staff and student interests. 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.

{24S}

Prerequisites:

14.0 credits or permission Permission of instructor

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

GGR494H5: Special Topics in GIS

Description:

(Formerly GGR394H5) Studies of selected topics in Geographic Information Systems not covered in regular courses. 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.

~~{36L}~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

1 Retired Course:

GGR417Y5: Honours Thesis

Rationale:

CM Clean Up. GGR417Y5 was renumbered to JEG417Y5.

Consultation:

9 Minor Program Modifications:

Applied Statistics - Major (Science)

Completion Requirements:

7.0-7.5 credits are required.

First Year:

1. CSC108H5
2. MAT102H5
3. (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or 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 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 ~~and~~/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.

Description of Proposed Changes:

Add CSC311H5 to higher year program requirement.

Rationale:

CSC411H5 was renumbered to CSC311H5 last year.

Impact:

Consultation:

Resource Implications:

None.

Applied Statistics - Minor (Science)**Completion Requirements:**

4.5 -5.0 credits are required.

First Year: MAT133Y5 or (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5

Higher Years:

1. ~~MAT232H5 or MAT233H5 or MAT257Y5~~
2. ~~STA256H5 or STA258H5~~
3. 1.0 credit made up of any combination of (~~any other STA course or~~ PSY201H5 and ~~or~~ PSY202H5) or (BIO360H5 and ~~or~~ BIO361H5) or SOC350H5 or ECO220Y5 or any STA courses other than STA256H5 and STA258H5
4. MAT232H5 or MAT233H5 or MAT257Y5
5. STA256H5 and STA258H5
6. 1.0 additional credit of STA at the 300/400 level

NOTES:

1. ECO220Y5 cannot be substituted for STA256H5 and/or STA258H5 and/or STA260H5.
2. ECO227Y5 can be substituted for STA256H5 and STA258H5, but not for STA260H5.
3. Students who include any of PSY201H5 or PSY202H5 or BIO360H5 or BIO361H5 or SOC350H5 or ECO220Y5 in this program are responsible for ensuring that these courses are completed prior to enrolling in STA256H5 and that all STA course prerequisites and exclusions are met.

Description of Proposed Changes:

Move the requirement "1.0 credit made up of any combination of PSY201H5..." up to #1 under "Higher Year" and modify course combination.

Rationale:

If a student took STA256H5, and then want to take the courses such as PSY201H5, many of them would be marked extra due to the exclusive policy. So, we suggest moving this requirement up so that students can plan their courses better. We also modify the combination to make it is less confusion for our students.

Total credit required change from 4.5-5.0 since MAT257Y5 can be used to replace MAT232H5 or MAT233H5.

"STA256H5 or STA258H5" is changed to "STA256H5 and STA258H5". STA256H5 and STA258H5 are always required for STA minor. This is an error correction.

Impact:**Consultation:****Resource Implications:**

Applied Statistics - Specialist (Science)

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 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 ~~any other STA courses~~

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 ~~and/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 recommend for students intending to pursue graduate level studies in statistics.

Description of Proposed Changes:

Add CSC311H5 to higher year program requirement.

Rationale:

CSC411H5 was renumbered to CSC311H5 last year.

Impact:

None.

Consultation:

Resource Implications:

None.

Computer Science - Major (Science)

Enrolment Requirements:

Limited Enrolment — Enrolment in this program is limited.

For ~~to~~ students applying in 2020-2021 for program entry in the 2021-2022 Academic Year , 4.0 credits are required, including the following:

1. CSC148H5 (see minimum grade note below) ;
2. MAT102H5 (see ~~with a~~ minimum grade note below) ;
3. MAT134H5 or MAT136H5 or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or MAT233H5; and
4. A cumulative grade point average (CGPA), determined annually. It is never lower than 2.0.

For students applying in 2021-2022 (and beyond) for program entry in the 2022-2023 Academic Year (and beyond) , 4.0 credits are required, 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 2.0.

NOTE: The minimum grade required in CSC148H5 and MAT102H5 is determined annually. It is never lower than 60%.

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:

7.5-8.0 ~~8.0~~ credits are required.

First Year:

1. CSC108H5 and CSC148H5
2. MAT102H5
3. (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or **MAT233H5**
4. For students entering the program in 2022-2023 (and beyond): **ISP100H5**

Second Year:

1. CSC207H5 and CSC236H5 **and CSC290H5**
2. 1.0 credit from the following CSC209H5 or CSC258H5 or CSC263H5
3. MAT223H5 or MAT240H5
4. STA256H5
5. For students entering the program in 2020-2021: **CSC290H5**

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.

Description of Proposed Changes:

CSC290H5 is being removed from all programs (except the minor) and be replaced by ISP100H5 (with a two-year implementation).

Rationale:

CSC290H5 is being removed from all programs (except the minor) due to participation in the first year writing program. ISP100H5 is being added as a program requirement and admissions requirement.

Impact:

This could lead to enrollments of up to 800 students per year. While we admit about 250 students per year, more may be interested in computer science.

Consultation:**Resource Implications:****Computer Science - Specialist (Science)****Enrolment Requirements:**

Limited Enrolment — Enrolment in this program is limited.

For ~~to~~ students applying in 2020-2021 for program entry in the 2021-2022 Academic Year, 4.0 credits are required, including the following:

1. CSC148H5 (see ~~who have a~~ 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; and
4. A cumulative grade point average (CGPA), determined annually. It is never lower than 2.0.

For students applying in 2021-2022 (and beyond) for program entry in the 2022-2023 Academic Year (and beyond), ~~of~~ 4.0 credits are required, 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 2.0.

NOTE: The minimum grade required in CSC148H5 and MAT102H5 is determined annually. It is never lower than 65%.

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:

12.0-12.5 credits are required.

First Year:

1. CSC108H5 and CSC148H5
2. MAT102H5
3. (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5
4. For students entering the program in 2022-2023 (and beyond): ISP100H5

Second Year:

1. CSC207H5 and CSC209H5 and CSC236H5 and CSC258H5 and CSC263H5 and ~~CSC290H5~~
2. MAT223H5 or MAT240H5
3. MAT232H5 or MAT233H5 or MAT257Y5
4. STA256H5
5. For students entering the program in 2020-2021: CSC290H5

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.

NOTES:

1. In addition to the course requirements above, students must complete an integrative learning experience. This requirement may be met by participating in the 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.
2. Students in the Computer Science Specialist program are advised to arrange their program so as to complete the requirement for the Major in Computer Science by the end of the third year.

Description of Proposed Changes:

CSC290H5 is being removed from all programs (except the minor) and be replaced by ISP100H5 (with a two-year implementation).

Rationale:

CSC290H5 is being removed from all programs (except the minor) due to participation in the first year writing program. ISP100H5 is being added as a program requirement and admissions requirement.

Impact:

This could lead to enrollments of up to 800 students per year. While we admit about 250 students per year, more may be interested in computer science.

Consultation:**Resource Implications:****Information Security - Specialist (Science)****Enrolment Requirements:**

Limited Enrolment — Enrolment in this program is limited.

For ~~to~~ students applying in 2020-2021 for program entry in the 2021-2022 Academic Year, 4.0 credits are required, including the following:

1. CSC148H5 (see ~~who have a~~ 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; and
4. A cumulative grade point average (CGPA), determined annually. It is never lower than 2.0.

For students applying in 2021-2022 (and beyond) for program entry in the 2022-2023 Academic Year (and beyond), ~~of~~ 4.0 credits are required, 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 2.0.

NOTE: The minimum grade required in CSC148H5 and MAT102H5 is determined annually. It is never lower than 65%.

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
2. MAT102H5
3. (MAT132H5 and MAT134H5) or (MAT135H5 and MAT136H5) or MAT134Y5 or MAT135Y5 or MAT137Y5 or

MAT157Y5

4. MAT223H5 or MAT240H5
5. For students entering the program in 2022-2023 (and beyond): ISP100H5

Second Year:

1. CSC207H5 and CSC209H5 and CSC236H5 and CSC258H5 and CSC263H5 and ~~CSC290H5~~
2. MAT224H5 or MAT240H5
3. MAT232H5 or MAT233H5 or MAT257Y
4. STA256H5
5. For students entering the program in 2020-2021: CSC290H5

Third Year:

1. CSC343H5 and CSC347H5 and CSC363H5 and CSC369H5 and CSC373H5
2. MAT301H5 and MAT302H5

Fourth Year:

1. CSC358H5 or CSC458H5
2. 1.0 credit from the following: 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.

Description of Proposed Changes:

CSC290H5 is being removed from all programs (except the minor) and be replaced by ISP100H5 (with a two-year implementation).

Rationale:

CSC290H5 is being removed from all programs (except the minor) due to participation in the first year writing program. ISP100H5 is being added as a program requirement and admissions requirement.

Impact:

This could lead to enrollments of up to 800 students per year. While we admit about 250 students per year, more may be interested in computer science.

Consultation:

Resource Implications:

Mathematical Sciences - Major (Science)

Completion Requirements:

7.5-8.5 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 or MAT257Y5
3. MAT224H5 or MAT247H5

Higher Years:

1. MAT301H5 and (MAT334H5 or MAT354H5) and ~~MAT402H5~~
2. MAT337H5 or MAT378H5 or MAT392H5 or MAT405H5
3. 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
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

Description of Proposed Changes:

- We make MAT402H5 optional rather than a required course for the program. This change is balanced by adding a new requirement of 0.5 credits in MAT at the 400 level, so that the total number of credits required remains unchanged.
- We slash MAT354H5 with MAT334H5 as these cover similar topics, but at different levels.

Rationale:

We no longer believe that MAT402H5 (introduction to geometry) is a course that must be taken by majors, and should rather be an option. We have many more upper-year courses now than when the program was created and provide students more flexibility to customize their program based on their mathematical interests at the advanced level.

Impact:

The main impact is just to make the program more flexible for students.

Consultation:

Consultations were done internally with MCS curriculum committee members as well as former departmental leaders, e.g. previous faculty advisors for MAT (Maria Wesslen and Shay Fuchs) and CSC (Andrew Petersen). Members of the committee were also consulted in advance of the meeting (e.g. Ilia Binder, associate chair MAT). We don't believe that the nature of the changes will significantly impact other disciplines, so we did not do outside consultations for the changes to this program. (The main change of making MAT402H5 optional should not affect other departments as it is not a required course in other programs.)

All changes were approved internally at an MCS curriculum committee meeting on October 5, 2020.

Resource Implications:

The main implication is on enrollment in MAT402H5 and other 400-level MAT courses.

Enrollment in MAT402H5 has grown significantly in recent years, due in part to it being required for MAT Majors and Specialists. Making it optional for the Major will likely mean some students who would otherwise take this course will take one of our other 400-level MAT courses in its place. However, this will only have the effect of spreading these students out among courses we already offer, some of which typically have open seats. In the unlikely event that enough students shifted from MAT402H5 to another course, thereby causing us to open a new LEC section of that other course, this would be balanced by closing a LEC section of MAT402H5 (and thus would not require additional instructors.) Therefore, no significant resource implications are foreseen.

Mathematical Sciences - Minor (Science)

Completion Requirements:

4.0-4.5 ~~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. [(MAT224H5 or MAT232H5 or MAT240H5 or MAT244H5 or MAT247H5 or MAT257Y5) and 0.5 MAT credit at the 200+ level] or MAT257Y5

Higher Years:

1. ~~0.5 credit of MAT at the 200+ level~~
2. 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 and CSC310H5 and have them counted under "Higher Years".
3. Students may replace the combination ((MAT132H5, MAT134H5)/(MAT135H5, MAT136H5)/MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5 and MAT232H5) with the combination (MAT133Y5 and MAT233H5).
4. ~~Students may replace the combination (MAT224H5/MAT232H5/MAT240H5/MAT244H5/MAT247H5+0.5 MAT credit at the 200+ level) with MAT257Y5.~~

Description of Proposed Changes:

Remove CSC310H5 as a substitute course for higher year requirement.

Rationale:

We do not think that MAT Minor students should be able to replace 1.0 FCE of courses with CSC courses. CSC236 remains a good choice for them though

Impact:

Consultation:

Resource Implications:

Mathematical Sciences - Specialist (Science)

Enrolment Requirements:

The Specialist Program in Mathematical Sciences is primarily directed toward students who hope to pursue graduate studies in, or related to mathematics.

Limited Enrolment — Enrolment in the Specialist program is limited to students with a minimum of 4.0 credits, including:

1. MAT102H5 (minimum 65% ~~60%~~);
2. MAT137Y5 (minimum 60%) or MAT157Y5; and
3. A minimum cumulative grade point average (CGPA), to be determined annually.

Completion Requirements:

13.5 credits are required.

First Year:

1. CSC108H5 and CSC148H5
2. MAT102H5 and MAT240H5
3. MAT137Y5 or MAT157Y5

Second Year:

1. ~~CSC207H5 or CSC209H5 or~~ CSC236H5
2. MAT202H5 and MAT244H5 and MAT247H5 and ~~MAT244H5~~
3. ~~1.0 credit from (MAT232H5 or MAT233H5) or MAT236H5 or~~ MAT257Y5
4. STA256H5 and (STA258H5 or STA260H5)

Higher Years:

1. ~~MAT337H5 or MAT378H5~~
2. MAT301H5 and ~~MAT311H5~~ and (MAT334H5 or MAT354H5) and MAT392H5 and ~~MAT402H5~~
3. MAT302H5 or MAT315H5
4. 2.0 ~~1.0~~ additional credit from MAT302H5 or MAT309H5 or MAT311H5 or MAT315H5 or MAT332H5 or ~~(MAT337H5 or MAT378H5)~~ or MAT344H5
5. 1.0 ~~0.5~~ additional credits in MAT at the 400 level (~~MAT401H5~~ ~~MAT405H5~~ is recommended)
6. 1.0 ~~1.5~~ additional credits at the 300/400 level in CSC or ~~MAT/STA~~
7. 0.5 additional credits in MAT at the 300+ level

NOTES :

1. **Recommended CSC courses: CSC236H5 and CSC310H5.**
2. Mathematical Specialists are strongly encouraged to enroll in MAT157Y5 and MAT257Y5, and MAT354H5.
3. Students may replace MAT257Y5 with [(MAT232H5 or MAT233H5) and MAT236H5], but if they do then MAT337H5 AND MAT405H5 are required as part of “Third & Fourth Years”.
4. Students who do not feel ready for MAT257Y5 in their Second Year, may wish to take MAT232H5 that year, and then take MAT257Y5 in their Third Year.
5. Students enrolled in this program may participate in the PEY program. For more information visit www.pey.utoronto.ca

Description of Proposed Changes:

- We are adding a descriptive sentence (“The Specialist Program in Mathematical Sciences is primarily directed toward students who hope to pursue graduate studies in, or related to mathematics.”) to the program before the enrollment box, which explains the purpose of the program. This mimics a note that FAS has in their Calendar for a similar program, see here: <https://fas.calendar.utoronto.ca/mathematics-specialist-science-program-asspe1165>
- Increase the minimum entry requirement in MAT102H5 from 60% to 65%.
- Remove some non-MAT course options for students in this program. In particular, changing (CSC207H5/CSC209H5/CSC236H5) to CSC236H5, and changing the requirement of “1.5 additional credits at the 300+ level in CSC/MAT/STA” to two requirements, which can be summarized as: 1.0 at 300+ from CSC/MAT/STA plus 0.5 at 300+ from MAT (a very small change).
- We emphasize that MAT257Y5 is the intended “2nd Year Calculus” course for students in this Program by removing its slash with (MAT232H5/233H5 & MAT236H5) in the program requirements; and by modifying and adding some Notes. In particular, we add a note that students who do not do MAT257Y5 must take certain courses (MAT337H5 and MAT405H5) as part of their upper-year course requirements.
- We make MAT337H5/378H5, MAT311H5 and MAT402H5 optional rather than required courses for the program. We keep the first two in a short list of possible options to satisfy upper-year requirements, however. These removals are balanced by adding 0.5 credits to other already existing upper-year requirements, so that the total number of credits required remains unchanged.
- We changed our recommendation of a 400-level MAT course from MAT405H5 to MAT401H5.
- We recommend MAT354H5 in the Notes.

Rationale:

- These changes will help better prepare students for what we see as the primary aim for students in the program: to pursue graduate studies in mathematics (or perhaps in a cognate discipline.) In particular, we believe that:
- Success in MAT102 provides a strong foundation for the rigorous courses students in this program are pointed towards/required to take (justifying the higher cutoff for MAT102 to enter the program). It is a prerequisite for essentially all of our upper-year courses. (Currently the MAT102 entry requirement for the Math Major is 60% and we do not intend to change that.)
 - Students should complete a higher proportion of MAT vs other discipline courses for their program, since this is a specialist program. We offer many more upper-year courses now than when the program was introduced, so this is not only possible but still gives a specialist student flexibility. They could, for instance, take a more applied combination of upper year courses (e.g. MAT311, MAT302, MAT402 etc) or a more theoretical combination of courses (e.g. MAT309, MAT315, MAT401 etc).
 - Students should either take MAT257Y5 (plus possibly one or the other of MAT337 or MAT405) or (MAT232/233, 236, plus both of 337 and 405) in order to have sufficient background in analysis and topology upon graduation in order to be prepared for graduate studies in mathematics (or even statistics, etc) as these topics are of central importance.
 - We recommend students in the specialist program take our most advanced courses, e.g. MAT354H5 and MAT401H5.
 - We no longer believe that MAT311 or MAT402 (partial differential equations and introduction to geometry) are courses that must be taken, and should rather be options. Again, we have many more upper-year courses now than when the program was created and provide students more flexibility to customize their program based on their mathematical interests at the advanced level.

Impact:

The main impact is that the program will be more MAT-focused, but more flexible for students viz-a-viz MAT courses. We believe that this will help students better prepare for graduate studies, which is both the primary aim now of the program and the primary goal of students currently in the program. We note that the program has a very small enrollment, so in terms of absolute numbers, a small number of students will be affected in any case by changes to the program. Other than perhaps for MAT257Y5 and MAT354H5, significant changes in

course enrollment (relative to their typical enrollment) are not expected in affected courses: CSC207H5, CSC209H5, CSC236H5, MAT311H5, MAT337H5, MAT401H5, MAT402H5, MAT405H5. MAT257Y5 is a small Specialist-aimed seminar course and MAT354H5 is a new (for 2020-21) Specialist-aimed course. We would like to see enrollment in both of these courses increase, if anything.

Consultation:

Consultations were done internally with MCS curriculum committee members as well as former departmental leaders, e.g. previous faculty advisors for MAT (Maria Wesslen and Shay Fuchs) and CSC (Andrew Petersen). Members of the committee were also consulted in advance of meeting (e.g. Ilia Binder, associate chair MAT). Outside consultation was not done as the program is a Specialist program which is typically paired only with Minors from other disciplines; additionally, we don't believe that the nature of the changes will significantly impact other disciplines. All changes were approved internally at an MCS curriculum committee meeting on October 5, 2020.

Resource Implications:

Because the program is small (as per the "Impact" section) the changes are not expected to affect enrollment significantly in affected courses. Therefore, no significant resource implications are foreseen.

1 New Course:

STA246H5: Computational Probability and Statistics

Impact on Programs:

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

Contact Hours:

Lecture: 36 / Tutorial: 12

Description:

This course covers probability including its role in statistical and computational modeling. Topics include classical and computational perspectives on cumulative, mass and distribution functions, random variables, expectation, limiting results, the normal distribution. Computational topics include generating and sampling random numbers, combinatorial objects and probability functions for simulation and statistical analysis. Additional techniques include resampling, hypothesis testing, model fit and cross validation.

Prerequisites:

CSC148H5 and (MAT134H5 or MAT136H5 or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or 65%+ in MAT133Y5)

Corequisites:**Exclusions:**

STA256H5 or STA237H1 or STA247H1 or STA257H1 or ECO227Y5 or STAB52H3

Recommended Preparation:

MAT232H5 or MAT233H5

Rationale:

Many of our students have trouble and struggle in STA256H5. The proposal here is to offer a more CS-specific stat course that leverages our students' strengths in computation and exploring datasets. It would cover all material from STA256H5, but do so from a computing context.

Consultation:**Resources:**

TA resources required, similar to STA256H5. Resources Application Form has been submitted.

32 Course Modifications:

CSC311H5: Introduction to Machine Learning

Prerequisites:

CSC207H5 and (MAT223H5 or MAT240H5) and MAT232H5 and STA256H5

Rationale:

We added STA256H5 because that course includes discrete, continuous and vector models, all of which machine learning uses heavily.

Consultation:**Resources:**

None.

CSC375H5: Algorithmic Intelligence in Robotics

Description:

Robots of ~~This course introduces~~ the future will need to operate autonomously in unstructured ~~philosophy~~ “Sense-Plan-Act” and unseen environments. It is imperative that these systems are built on intelligent and adaptive algorithms. This course will introduce ~~introduces~~ fundamental algorithmic approaches for ~~in each of these areas with the goal of~~ building an intelligent robot system that can autonomously operate in unstructured environments such as homes and warehouses. This course introduces the broad philosophy of “Sense-Plan-Act” ~~Topics include sampling-based and optimization-based motion planning methods, optimal control (iterative LQR and MPC), reinforcement learning (exact RL, deep model-free methods, and covers algorithms in each of these areas -- how should the robot perceive the world model-based RL), how to make long term decisions and perception (deep object detection and segmentation and how to perform closed-loop control of articulated robots object tracking).~~

Prerequisites:

CSC209H5 and (MAT223H5 or MAT240H5) and STA256H5 and CSC376H5 ~~CSC258H5~~

Recommended Preparation:

~~CSC258H5~~ and CSC301H5

Rationale:

The new course description reflects the content of the course as it was significantly updated and rearranged to suit the robotics education of our CS students.

Added MAT223H5 or MAT240H5 as this robotic course heavily relies on linear algebra proficiency. Added STA256H5 as the course also uses probability and statistical methods. In developing our robotics course portfolio, we now require CSC376H5 – which is the introductory course to robotics as a prerequisite. CSC375H5 is expected to be taken after CSC376H5. Moved CSC258H5 to prep as the material is not strictly required for this course.

Consultation:**Resources:**

None

CSC376H5: Fundamentals of Robotics

Description:

An introduction to ~~robotics covering basic methodologies designing robot systems. Topics include sensors, tools actuators,~~

and concepts to build a foundation for advanced topics in robotics. The course covers robot manipulators; kinematics; kinematics and dynamics; motion planning; modeling; and intelligent control. Topics covered in lecture will be implemented and explored in a practical environment using robots from different application domains.

Prerequisites:

(MAT223H5 or MAT240H5) and CSC209H5 and CSC258H5 and CSC338H5

Recommended Preparation:

Previous: CSC375H5

New: CSC338H5

Rationale:

New course description reflects the course content more accurately. Specifically, we moved dynamics and intelligence topics to CSC375H5.

Robotics heavily relies on proficient knowledge in linear algebra. Therefore, MAT223H5 or MAT240H5 are now required. Moved CSC338H5 to preparation as it is offered in the winter while CSC376H5 is offered in the fall. Removed CSC375H5 as preparation as it is the more advanced robotics course, expected to be taken after CSC376H5.

Consultation:

Resources:

None.

CSC398H5: Topics in Computer Science

Description:

Introduction to a topic of current interest in computer science intended for CSC majors and specialists. Content will vary from year to year. This course may include a practical or tutorial component, depending on the topic chosen for the year. The contact hours for this course may vary in terms of contact type (L, T, P) from year to year, but will be between 24-48 contact hours in total. See the UTM Timetable.

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

CSC477H5: Introduction to Mobile Robotics

Prerequisites:

CSC209H5 and (MAT223H5 or MAT240H5) and MAT232H5 and STA256H5 and CSC376H5

Recommended Preparation:

CSC384H5 and CSC311H5 and CSC376H5 and MAT224H5

Rationale:

CSC376H5 was moved from recommended prep to pre-requisite as it is the introductory level course to robotics concepts.

Consultation:

Resources:

None.

CSC498H5: Topics in Computer Science**Description:**

Introduction to a topic of current interest in computer science intended for CSC majors and specialists. Content will vary from year to year. This course may include a practical or tutorial component, depending on the topic chosen for the year. The contact hours for this course may vary in terms of contact type (L, T, P) from year to year, but will be between 24-48 contact hours in total. See the UTM Timetable.

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:**Resources:****CSC497H5: Topics in Computer Science****Description:**

Introduction to a topic of current interest in computer science intended for CSC majors and specialists. Content will vary from year to year. This course may include a practical or tutorial component, depending on the topic chosen for the year. The contact hours for this course may vary in terms of contact type (L ~~{24L, 12P/T}~~, P) from year to year, but will be between 24-48 contact hours in total. See the UTM Timetable.‡

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:**Resources:****MAT157Y5: Analysis I****Corequisites:**

MAT102H5 (strongly recommended in the Fall term for students taking MAT157Y5 in their first year)

Rationale:

Generically, while the idea of a corequisite is well-intentioned, they are practically-speaking mostly not enforced in MAT. The reason is that a hypothetical student who wishes to take Course X (which has Course Y as a Co-requisite) can simply enroll in Courses X and Y, then drop Course Y just before the drop deadline. Similarly, students will often drop Course Y after the drop deadline if they are not succeeding in it. The effect is that the instructors of Course X cannot depend on their students being enrolled in and understanding the material from Course Y. Some Course X instructors will assume content from Course Y, which is hard for students struggling with or having dropped Course Y; others will choose to (re)- teach the material from Course Y in Course X, which again negates the point of having a "corequisite". We would prefer to make the intentions clear through notes (e.g. "Students in Course X are strongly encouraged to simultaneously enroll in Course Y") or by adjusting the course prerequisites (which makes it clear to instructors what they can or cannot assume their students have as background).

Consultation:

Resources:

None.

MAT232H5: Calculus of Several Variables**Contact Hours:****Previous:** *Lecture:* 36 / *Tutorial:* 12**New:** *Lecture:* 40 / *Tutorial:* 12**Prerequisites:**

MAT134H5 or MAT136H5 or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5

Rationale:

MAT157Y5 is and should be listed as one of the list of "1st year calculus" courses that students can use as prerequisites for later courses. This was simply an oversight and we are correcting it. Regarding the change from 36L to 40L, this course has grown substantially in recent years to the point of having 4+ LEC sections each semester. This change will allow us to have a fixed test time across all LEC sections, as we've done with courses like MAT102H5, MAT13X and MAT223H5.

Consultation:**Resources:**

None.

MAT233H5: Calculus of Several Variables**Prerequisites:**

(MAT134H5 or MAT136H5 or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5) or 65% ~~75%~~ in MAT133Y5

Rationale:

MAT133Y5 in recent years has become a much more robust mathematics course. We believe that a student achieving a mark of 65 (which is in line with other course-mark cutoffs in MAT courses and programs) will be sufficiently prepared to take our bridging course, and with MAT233H5, would be at least comparably prepared to a student with a 50's-range mark in MAT135H5/136H5.

Consultation:**Resources:**

None.

MAT240H5: Algebra I**Prerequisites:**65% ~~60%~~ in MAT102H5**Corequisites:****Previous:** MAT134H5 or MAT136H5 or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or MAT233H5**New:****Rationale:**

Generically, while the idea of a corequisite is well-intentioned, they are practically-speaking mostly not enforced in MAT. The reason is that a hypothetical student who wishes to take Course X (which has Course Y as a Co-requisite) can simply enroll in Courses X and Y, then drop Course Y just before the drop deadline. Similarly, students will often drop Course Y after the drop deadline if they are not succeeding in it. The effect is that the instructors of Course X cannot depend on their students being enrolled in and understanding the material from Course Y. Some Course X instructors will assume content from Course Y, which is hard for students struggling with or having dropped Course Y; others will choose to (re)-teach the material from Course Y in Course X, which again negates the point of having a "corequisite". We would prefer to make the

intentions clear through notes (e.g. “Students in Course X are strongly encouraged to simultaneously enroll in Course Y”) or by adjusting the course prerequisites (which makes it clear to instructors what they can or cannot assume their students have as background).

This cutoff was in line with the MAT Specialist cutoff for MAT102H5 for program entry. Since we propose increasing that cutoff to 65%, we also propose increasing this cutoff to 65% to keep them in line with each other.

Consultation:

Resources:

None.

MAT244H5: Differential Equations I

Prerequisites:

(MAT134H5 ~~MAT223H5~~ or MAT136H5 or MAT134Y or MAT135Y or MAT137Y5 or MAT157Y5 or MAT233H5 MAT240H5) and (~~MAT233H5~~ or ~~Corequisite~~(MAT223H5 ~~MAT232H5~~ or MAT240H5 ~~MAT257Y5~~).

Rationale:

Generically, while the idea of a corequisite is well-intentioned, they are practically-speaking mostly not enforced in MAT. The reason is that a hypothetical student who wishes to take Course X (which has Course Y as a Co-requisite) can simply enroll in Courses X and Y, then drop Course Y just before the drop deadline. Similarly, students will often drop Course Y after the drop deadline if they are not succeeding in it. The effect is that the instructors of Course X cannot depend on their students being enrolled in and understanding the material from Course Y. Some Course X instructors will assume content from Course Y, which is hard for students struggling with or having dropped Course Y; others will choose to (re)- teach the material from Course Y in Course X, which again negates the point of having a "corequisite". We would prefer to make the intentions clear through notes (e.g. “Students in Course X are strongly encouraged to simultaneously enroll in Course Y”) or by adjusting the course prerequisites (which makes it clear to instructors what they can or cannot assume their students have as background).

An instance of removing a (partial) corequisite. We do not enforce this corequisite and instructors have adapted by teaching any needed 2nd-year calculus content in MAT244H5. We add the 1st-year calculus requirement instead.

Consultation:

Resources:

None.

MAT305H5: Elementary Lie Theory

Prerequisites:

[~~MAT102H5~~ and (MAT224H5 or MAT240H5) and (~~MAT232H5~~) or ~~corequisite~~ MAT257Y5]

Rationale:

Generically, while the idea of a corequisite is well-intentioned, they are practically-speaking mostly not enforced in MAT. The reason is that a hypothetical student who wishes to take Course X (which has Course Y as a Co-requisite) can simply enroll in Courses X and Y, then drop Course Y just before the drop deadline. Similarly, students will often drop Course Y after the drop deadline if they are not succeeding in it. The effect is that the instructors of Course X cannot depend on their students being enrolled in and understanding the material from Course Y. Some Course X instructors will assume content from Course Y, which is hard for students struggling with or having dropped Course Y; others will choose to (re)- teach the material from Course Y in Course X, which again negates the point of having a "corequisite". We would prefer to make the intentions clear through notes (e.g. “Students in Course X are strongly encouraged to simultaneously enroll in Course Y”) or by adjusting the course prerequisites (which makes it clear to instructors what they can or cannot assume their students have as background).

MAT257Y5 is one of our most advanced courses (despite the 200-level course code), and requires substantial mathematical sophistication and maturity from students to succeed. We believe that passing this course sufficiently prepares students to take upper-year mathematics courses. We want to recognize the significant challenge this course presents, and not put

unnecessary barriers in front of students who take this course.

MAT102H5 is required for MAT202H5, 224H5, 240H5 and 257Y5, so is redundant as a prerequisite.

Consultation:

Resources:

None.

MAT307H5: Curves and Surfaces

Prerequisites:

[~~MAT102H5~~ and (MAT224H5 or MAT240H5) and MAT232H5] (~~MAT232H~~ or ~~corequisite~~ MAT257Y5)

Rationale:

Generically, while the idea of a corequisite is well-intentioned, they are practically-speaking mostly not enforced in MAT. The reason is that a hypothetical student who wishes to take Course X (which has Course Y as a Co-requisite) can simply enroll in Courses X and Y, then drop Course Y just before the drop deadline. Similarly, students will often drop Course Y after the drop deadline if they are not succeeding in it. The effect is that the instructors of Course X cannot depend on their students being enrolled in and understanding the material from Course Y. Some Course X instructors will assume content from Course Y, which is hard for students struggling with or having dropped Course Y; others will choose to (re)-teach the material from Course Y in Course X, which again negates the point of having a "corequisite". We would prefer to make the intentions clear through notes (e.g. "Students in Course X are strongly encouraged to simultaneously enroll in Course Y") or by adjusting the course prerequisites (which makes it clear to instructors what they can or cannot assume their students have as background).

MAT257Y5 is one of our most advanced courses (despite the 200-level course code), and requires substantial mathematical sophistication and maturity from students to succeed. We believe that passing this course sufficiently prepares students to take upper-year mathematics courses. We want to recognize the significant challenge this course presents, and not put unnecessary barriers in front of students who take this course.

MAT102H5 is required for MAT202H5, 224H5, 240H5 and 257Y5, so is redundant as a prerequisite.

Consultation:

Resources:

None.

MAT334H5: Complex Variables

Prerequisites:

MAT257Y5 or [~~MAT102H5~~ and (MAT232H5 or MAT233H5 ~~or~~ MAT257Y5) and (MAT202H5 or MAT240H5 or MAT337H5)]

Rationale:

MAT102 is redundant as a prerequisite for this course.

MAT257Y5 is one of our most advanced courses (despite the 200-level course code), and requires substantial mathematical sophistication and maturity from students to succeed. We believe that passing this course sufficiently prepares students to take upper-year mathematics courses. We want to recognize the significant challenge this course presents, and not put unnecessary barriers in front of students who take this course.

Consultation:

Resources:

None.

MAT354H5: Complex Analysis

Prerequisites:

MAT257Y5 or [(MAT137Y5 or MAT157Y5)and (MAT202H5 or MAT240H5 or MAT337H5) and (MAT232H5 or MAT233H5 or MAT257Y5)]

Rationale:

MAT257Y5 is one of our most advanced courses (despite the 200-level course code), and requires substantial mathematical sophistication and maturity from students to succeed. We believe that passing this course sufficiently prepares students to take upper-year mathematics courses. We want to recognize the significant challenge this course presents, and not put unnecessary barriers in front of students who take this course.

Consultation:

Resources:

None.

MAT387H5: Topics in Mathematics

Description:

Introduction to a topic of current interest in mathematics. Content will vary from year to year. The contact hours for this course may vary in terms of contact type (L, T) from year to year, but will be between 36-60 contact hours in total. See the UTM Timetable.

Prerequisites:

Previous: Departmental permission; Minimum 2.5 CGPA.

New: Appropriate prerequisite requirement (s) will be available on the UTM timetable along with the topic title prior to course registration.

Rationale:

Prerequisites will differ according to different topics offer each time. Minimum CGPA is not required.

Consultation:

Resources:

None.

MAT309H5: Introduction to Mathematical Logic

Description:

The relationships among nature of axioms, proofs, and consistency and truth in mathematics. Soundness and Completeness. Introductions Introduction to model the theory, set theory, and computability; arithmetic as a central example of recursive functions. Gödel's incompleteness theorems; outlines of their proofs theorems and related results. This course emphasizes rigour.

{36L, 12T}

Prerequisites:

MAT257Y5 or [MAT102H5 and (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 CSC463H1 CSC309H1 or MATC09H3

Rationale:

MAT257Y5 is one of our most advanced courses (despite the 200-level course code), and requires substantial mathematical sophistication and maturity from students to succeed. We believe that passing this course sufficiently prepares students to take upper-year mathematics courses. We want to recognize the significant challenge this course presents, and not put unnecessary barriers in front of students who take this course.

MAT102H5 is required for MAT202H5, 224H5, 240H5 and 257Y5, so is redundant as a prerequisite. We want this course, based on instructor feedback, that students should be required to have a broader background in mathematics courses to take this course, but don't specifically need a deep linear algebra background. So rather than have a linear algebra requirement, we add MAT202H5 as a option, and require a 300+ level MAT course. Furthermore, there was a mistake in a course exclusion (CSC309H1 has nothing to do with MAT309H5), and we want to slightly update the course description to bring it more in line with what is currently being taught in the course.

Consultation:**Resources:**

None.

MAT311H5: Partial Differential Equations**Prerequisites:**

MAT257Y5 or [MAT102H5 and (MAT232H5 or MAT233H5) and (MAT212H5 or MAT244H5)]

Corequisites:

Previous: MAT236H5 or MAT257Y5

New:

Rationale:

Generically, while the idea of a corequisite is well-intentioned, they are practically-speaking mostly not enforced in MAT. The reason is that a hypothetical student who wishes to take Course X (which has Course Y as a Co-requisite) can simply enroll in Courses X and Y, then drop Course Y just before the drop deadline. Similarly, students will often drop Course Y after the drop deadline if they are not succeeding in it. The effect is that the instructors of Course X cannot depend on their students being enrolled in and understanding the material from Course Y. Some Course X instructors will assume content from Course Y, which is hard for students struggling with or having dropped Course Y; others will choose to (re)- teach the material from Course Y in Course X, which again negates the point of having a "corequisite". We would prefer to make the intentions clear through notes (e.g. "Students in Course X are strongly encouraged to simultaneously enroll in Course Y") or by adjusting the course prerequisites (which makes it clear to instructors what they can or cannot assume their students have as background).

MAT257Y5 is one of our most advanced courses (despite the 200-level course code), and requires substantial mathematical sophistication and maturity from students to succeed. We believe that passing this course sufficiently prepares students to take upper-year mathematics courses. We want to recognize the significant challenge this course presents, and not put unnecessary barriers in front of students who take this course.

Consultation:**Resources:**

None.

MAT337H5: Introduction to Real Analysis**Prerequisites:**

MAT102H5 and (MAT224H5 or MAT240H5) and (MAT212H5 or MAT244H5) and (MAT232H5 or MAT233H5 or MAT257Y5)

Rationale:

MAT102H5 is redundant as a prerequisite for this course.

Consultation:**Resources:**

None.

MAT388H5: Topics in Mathematics**Description:**

Introduction to a topic of current interest in mathematics. Content will vary from year to year. This course may include a tutorial and/or practical section in some years. The contact hours for this course may vary in terms of contact type (L ~~36L~~, T) from year to year, but will be between 36-60 contact hours in total. See the UTM Timetable.

~~12-24T~~

Prerequisites:

Previous: Departmental permission and Minimum 2.5 CGPA.

New: Appropriate prerequisite requirement (s) will be available on the UTM timetable along with the topic title prior to course registration.

Rationale:

Prerequisites will differ according to different topics offer each time. Minimum CGPA is not required.

Consultation:**Resources:**

None.

MAT405H5: Introduction to Topology**Prerequisites:**

MAT257Y5 or [MAT102H5 and(MAT224H5 or MAT240H5)and (MAT232H5 or MAT233H5 ~~or MAT257Y5~~) and at least one MAT half-course at the 300+ level with a mark of at least 65%] ~~65%.~~

Rationale:

MAT257Y5 is one of our most advanced courses (despite the 200-level course code), and requires substantial mathematical sophistication and maturity from students to succeed. We believe that passing this course sufficiently prepares students to take upper-year mathematics courses. We want to recognize the significant challenge this course presents, and not put unnecessary barriers in front of students who take this course.

Consultation:**Resources:**

None.

MAT478H5: Topics in Mathematics**Description:**

Introduction to a topic of current interest in mathematics. Content will vary from year to year. This course may include a tutorial and/or practical section in some years. The contact hours for this course may vary in terms of contact type (L ~~36L~~, T) from year to year, but will be between 36-60 contact hours in total. See the UTM Timetable.

~~12-24T~~

Prerequisites:

Previous: Departmental permission and Minimum 2.5 CGPA.

New: Appropriate prerequisite requirement (s) will be available on the UTM timetable along with the topic title prior to course registration.

Rationale:

Prerequisites will differ according to different topics offer each time. Minimum CGPA is not required.

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:**Resources:**

None.

MAT488H5: Topics in Mathematics

Description:

Introduction to a topic of current interest in mathematics. Content will vary from year to year. This course may include a tutorial and/or practical section in some years. **The contact hours for this course may vary in terms of contact type (L ~~36L~~, T) from year to year, but will be between 36-60 contact hours in total. See the UTM Timetable.**

~~12-24T}~~

Prerequisites:

Previous: Departmental permission and Minimum 2.5 CGPA.

New: Appropriate prerequisite requirement (s) will be available on the UTM timetable along with the topic title prior to course registration.

Rationale:

Prerequisites will differ according to different topics offer each time. Minimum CGPA is not required.

Consultation:**Resources:**

None.

STA220H5: The Practice of Statistics I

Contact Hours:

Previous: *Lecture: 24 / Tutorial: 12*

New: *Lecture: 36 / Tutorial: 12*

Rationale:

1. Both STA220H5 & STA221H5 courses at UTM need the additional lecture hour to place emphasis on the effective communication of statistical results by including more statistical examples into each of these courses. Moreover, the R statistical software package needs to be used to illustrate statistical examples into these courses. Therefore, both courses need to utilize the additional lecture hour to illustrate statistical concepts using R.

2. Similar course offering of STA220H5 & STA221H5 at the St. George campus, STAB22H3, STAB23H3 & STAB27H3 at UTSC campus, and STA215H5, STA218H5 at UTM have three hours of weekly lecture meetings.

Consultation:**Resources:**

None.

STA221H5: The Practice of Statistics II

Contact Hours:

Previous: *Lecture:* 24 / *Tutorial:* 12

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

Rationale:

1. Both STA220H5 & STA221H5 courses at UTM need the additional lecture hour to place emphasis on the effective communication of statistical results by including more statistical examples into each of these courses. Moreover, the R statistical software package needs to be used to illustrate statistical examples into these courses. Therefore, both courses need to utilize the additional lecture hour to illustrate statistical concepts using R.
2. Similar course offering of STA220H5 & STA221H5 at the St. George campus, STAB22H3, STAB23H3 & STAB27H3 at UTSC campus, and STA215H5, STA218H5 at UTM have three hours of weekly lecture meetings.

Consultation:**Resources:**

None.

STA256H5: Probability and Statistics I

Prerequisites:

MAT134H5 or MAT136H5 or MAT134Y5 or MAT135Y5 or MAT137Y5 or MAT157Y5 or 65%+ 75%+ in MAT133Y5

Corequisites:

Previous: MAT233H5 for students with MAT133Y5. For others, MAT232H5 is strongly recommended.

New:

Exclusions:

STA246H5 or STA257H5 or STA257H1 or ECO227Y5 or STAB52H3 or ~~ECO227Y5~~

Recommended Preparation:

Previous:

New: MAT232H5 or MAT233H5

Rationale:

MAT133Y5 in recent years has become a much more robust mathematics course. We believe that a student achieving a mark of 65 (which is in line with other course-mark cutoffs in MAT courses and programs) will be sufficiently prepared to take our bridging course, and with MAT233H5, would be at least comparably prepared to a student with a 50's-range mark in MAT135H5 or MAT136H5.

Generically, while the idea of a corequisite is well-intentioned, they are practically-speaking mostly not enforced. The reason is that a hypothetical student who wishes to take Course X (which has Course Y as a Co-requisite) can simply enroll in Courses X and Y, then drop Course Y just before the drop deadline. Similarly, students will often drop Course Y after the drop deadline if they are not succeeding in it. The effect is that the instructors of Course X cannot depend on their students being enrolled in and understanding the material from Course Y. Some Course X instructors will assume content from Course Y, which is hard for students struggling with or having dropped Course Y; others will choose to (re)-teach the material from Course Y in Course X, which again negates the point of having a "corequisite". We would prefer to make the intentions clear through notes (e.g. "Students in Course X are strongly encouraged to simultaneously enroll in Course Y") or by adjusting the course prerequisites (which makes it clear to instructors what they can or cannot assume their students have as background).

STA246H5 is newly added for CS students specifically. Two courses are exclusive to each other.

Consultation:**Resources:**

None.

STA312H5: Topics in Statistics: Applied Statistical Modelling

Description:

Introduction to a topic of current interest in statistics. Content will vary from year to year. Computer packages are used. The contact hours for this course may vary in terms of contact type (L ~~{36L}~~, T) from year to year, but will be between 36-48 contact hours in total. See the UTM Timetable.

~~{2T}~~

Prerequisites:

Permission of the instructor ~~instructor.~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

STA313H5: Topics in Statistics: Applications of Statistical Models

Description:

Introduction to a topic of current interest in statistics. Content will vary from year to year. Computer packages are used. The contact hours for this course may vary in terms of contact type (L ~~{36L}~~, T) from year to year, but will be between 36-48 contact hours in total. See the UTM Timetable. ~~{2T}~~

Prerequisites:

Permission of the instructor ~~instructor.~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

STA441H5: Methods of Applied Statistics

Title:

Previous: Methods of Applied Statistics

New: Data Analysis

Description:

Vocabulary of data analysis, Tests of statistical significance, Principles of research design; ~~Introduction to unix and SAS~~, Applications of statistical methods such as Multiple regression, Factorial ANOVA, Mixed linear models, Multivariate analysis of variance, Repeated measures, Logistic regression, Generalized linear models, Permutation tests and Bootstrapping.

~~{36L, 12T}~~

Prerequisites:

STA302H5 or STA302H1 or STAC67H3 or STA221H5 or BIO360H5 or ECO357H5 or GGR376H5 or PSY202H5 or SOC350H5 or permission of the instructor

Exclusions:

Previous: STA442H5

New:

Rationale:

- 1.The proposed course title is more descriptive of the course, more contemporary, and different from the name of a course on the St. George campus (STA442H1) that is currently quite unlike STA441H5 at UTM.
2. STA42H5 has not been offered for many years.
- 3.Accept courses from the other campuses, and allow pre-requisites where regression is taught in a more applied way than STA302H5. STA441H5 is a very applied and deliberately nonmathematical course.
4. The course should not be tied to a particular operating system and software package.

Consultation:

Resources:

None.

STA388H5: Topics in Statistics

Prerequisites:

Previous: Permission of instructor and department and Minimum 2.5 CGPA.

New: Appropriate prerequisite requirement (s) will be available on the UTM timetable along with the topic title prior to course registration.

Rationale:

Prerequisites will differ according to different topics offer each time. Minimum CGPA is not required.

Consultation:

Resources:

None.

STA488H5: Topics in Statistics

Prerequisites:

Previous: Permission of instructor and department and Minimum 2.5 CGPA.

New: Appropriate prerequisite requirement (s) will be available on the UTM timetable along with the topic title prior to course registration . The contact hours for this course may vary in terms of contact type (L, T) from year to year, but will be between 36-48 contact hours in total. See the UTM Timetable.

Rationale:

Prerequisites will differ according to different topics offer each time. Minimum CGPA is not required.

Consultation:

Resources:

None.

1 Retired Course:

STA310H5: Bayesian Statistics in Forensic Science

Rationale:

This course is no longer used by Forensic Science. For our students, it is redundant with other courses we offer, and not demanding enough to be a 300-level course. On the St. George campus, STA310H5 has been specifically disallowed for credit, because they found their students were flocking to it in search of an easy credit.

Consultation:

3 Minor Program Modifications:

Exceptionality in Human Learning - Specialist (Science)

Completion Requirements:

13.0-14.5 credits are required, including at least 5.0 ~~4.0 credits at the~~ 300/400-level credits of which 1.5 must be ~~and 1.0 credit~~ at the 400-level.

First Year: PSY100Y5; (ANT101H5, ANT102H5)/(BIO152H5, BIO153H5)/1.0 credit from BIO202H5, BIO205H5, BIO206H5, BIO207H5/SOC100H5

Second Year:

1. PSY201H5/ECO220Y5/ECO227Y5/SOC350H5/STA215H5/STA218H5/STA220H5/
2. PSY210H5, PSY240H5
3. 0.5 credit from the following: PSY202H5 (or equivalent), PSY270H5, PSY274H5, PSY280H5, PSY290H5

Higher Years:

1. 3.0 credits from the following: PSY310H5, PSY311H5, PSY312H5, PSY313H5, **PSY314H5**, PSY315H5, PSY316H5, PSY317H5, PSY318H5, PSY319H5, PSY321H5, PSY325H5, PSY331H5, PSY333H5, PSY340H5, PSY341H5, PSY343H5, PSY344H5, PSY346H5, PSY353H5, PSY374H5, PSY376H5, PSY384H5, PSY391H5, PSY392H5, PSY393H5
2. PSY442Y5 and at least 0.5 credit from the following: PSY400Y5, PSY403H5, PSY404H5, PSY405H5, PSY406H5, PSY410H5, PSY415H5, PSY440H5, PSY474H5, PSY495H5, PSY499H5
3. One of the following:
 - a. 2.0 credits from: ANT202H5, ANT203H5, ANT204H5, ANT205H5, ANT206H5, ANT207H5, ANT211H5, ANT212H5, ANT214H5, ANT215H5, ANT220H5, ANT241Y5, ANT306H5, ANT322H5, ANT331H5, ANT332H5, ANT333H5, ANT334H5, ANT335H5, ANT337H5, ANT338H5, ANT341H5, ANT350H5, ANT352H5, ANT362H5, ANT364H5, ANT365H5, ANT401H5, ANT403H5, ANT434H5, ANT437H5, ANT460H5, ANT461H5, ANT462H5
 - b. 2.5 credits from: SOC205H5, SOC209H5, SOC211H5, SOC216H5, SOC219H5, SOC224H5, SOC227H5, SOC240H5, SOC244H5, SOC263H5, SOC275H5, SOC304H5, SOC307H5, SOC310H5, SOC316H5, SOC323H5, SOC332H5, SOC333H5, SOC341H5, SOC352H5, SOC356H5, SOC359H5, SOC371H5, SOC375H5, SOC380H5, SOC456H5, SOC457H5
 - c. 2.0 credits from: BIO202H5, BIO205H5, BIO206H5, BIO207H5, BIO210Y5, BIO315H5, BIO341H5, BIO370Y5, BIO371H5, BIO372H5, BIO375H5, BIO380H5, BIO403H5, BIO407H5, BIO434H5, BIO443H5, BIO476H5, BIO477H5; ANT202H5, ANT203H5, ANT331H5, ANT332H5, ANT333H5, ANT334H5
4. 2.5 additional credits to be selected from the following (no more than 1.0 credit from any one discipline):
 - ANT** - Any course in 3 (a) not counted previously
 - SOC** - Any course in 3 (b) not counted previously
 - BIO** - Any course in 3 (c) not counted previously
 - CHM** - CHM242H5, CHM243H5, CHM341H5, CHM345H5, CHM347H5, CHM361H5, CHM362H5
 - ENG** - ENG234H5, ENG384H5
 - FRE** - FRE225Y5, FRE355H5
 - HIS** - HIS310H5, HIS326Y5, HIS338H5
 - LIN** - LIN101H5, LIN102H5, LIN200H5, LIN256H5, LIN258H5, LIN358H5, LIN380H5
 - JAL** - JAL253H5, JAL355H5
 - PHL** - PHL243H5, PHL244H5, PHL255H5, PHL267H5, PHL271H5, PHL272H5, PHL274H5, PHL277Y5, PHL282H5, PHL283H5, PHL290H5, PHL350H5, PHL355H5, PHL357H5, PHL358H5, PHL367H5, PHL370H5, PHL472H5

PHL374H5, PHL376H5
RLG - RLG314H5
WGS - Any course

Description of Proposed Changes:
New course in educational psychology

Rationale:

Impact:

Consultation:

Resource Implications:

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, PSY387H5, PSY393H5, PSY397H5
 - c. Developmental/Abnormal/Social/Personality: PSY310H5, PSY311H5, PSY312H5, PSY313H5, **PSY314H5**, PSY315H5, PSY316H5, PSY317H5, PSY318H5, PSY320H5, PSY321H5, PSY324H5, PSY325H5, PSY327H5, PSY328H5, 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:
New course offering in educational psychology

Rationale:

Impact:

Consultation:**Resource Implications:****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 ~~One~~ additional ~~half credit of~~ PSY ~~credit~~ at the ~~200-level~~ ~~200 level~~

Third Year:

1. PSY309H5
2. One laboratory course from the following: PSY319H5 or PSY329H5 or PSY369H5 or PSY379H5
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, PSY387H5, PSY393H5, PSY397H5
 - c. **Developmental/Abnormal/Social/Personality:** PSY310H5, PSY311H5, PSY312H5, PSY313H5, **PSY314H5**, PSY315H5, PSY316H5, PSY317H5, PSY318H5, PSY320H5, PSY321H5, PSY324H5, PSY325H5, PSY327H5, PSY328H5, 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:

New course in educational psychology

Rationale:

Impact:

Consultation:

Resource Implications:

1 New Course:

PSY314H5: Educational Psychology: The Science of Learning

Impact on Programs:

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

Contact Hours:

Lecture: 24

Description:

In this class we will review key findings from cognitive development, cognitive psychology, and educational psychology that have implications for the development of learning experience inside and outside the classroom.

Prerequisites:

PSY201H5 and PSY210H5 and PSY270H5

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

This course would add to course offerings in a number of ways. First, it would provide a course on applied educational psychology. As a result, the proposed course would complement two closely related courses: PSY345H5 (Exceptionality: Disability and Giftedness) and PSY442Y5 (Practicum in Exceptionality in Human Learning). Both courses focus on exceptionality in human learning. The proposed course does not cover this topic. Instead, it focuses on how research from cognitive and developmental psychology can be applied to design educational interventions for typically developing children. As a result, by combining the proposed course with the current courses on exceptionality in human learning students would be equipped to understand how educational interventions can be designed for typically developing and exceptional children.

This course would add to the cluster “c” group of third year courses in the area of Development/Abnormal/Social/Personality for the Psychology major and specialist programs. It would also be added to the list of courses that would fulfill the requirements of the specialist program in Exceptionality and Human Learning. It can also fulfill the third-year course requirement for the minor in Educational Studies (this would be up to ES program director).

In sum, the proposed course would help strengthen the Exceptionality and Human Learning specialist program and provide an opportunity for students to learn how psychological research can be applied to support human learning. In sum, the proposed course would help strengthen the Exceptionality and Human Learning specialist program and provide an opportunity for students to learn how psychological research can be applied to support human learning.

Consultation:

Departmental (Dr. Malti, Dr. Fukuda, Dr. Chambers, Dr. VanderLaan, and Dr. Johnson) and Curriculum Committee

Resources:

This course will be taught by full time faculty as part of regular teaching load. If taught occasionally by stipend instructor it will be offered in lieu of another course. In order to facilitate tutorials, additional TA hours (1.5 extra TA hours per week) are required so that the TA can attend class and help facilitate these small groups. To date the department has been able to accommodate and encourages 3rd year tutorials. Resource Implications Form has been submitted.

12 Course Modifications:

PSY201H5: Research Design and Analysis in Psychology I

Prerequisites:

~~Any~~ Grade 12(4U) ~~Advanced Functions~~ ~~Mathematics~~

Rationale:

This change is to align the high school prerequisite for this course with the high school prerequisite for admission to any program offered by the Department of Psychology. This prerequisite was not changed at the time of the program admission change in order to allow students who did not yet have 4U Advanced Functions but had 4U Data Management to take the course in first term second year while giving them time to complete 4U Advanced Functions at a later date before being admitted to the program. Now, several years later, incoming students are well aware that they need 4U Advanced Functions and take it in high school before coming to UTM. Clearly, this is a more advanced math high school course that provided better preparation for taking statistics. We provided empirical evidence to support this at the time our proposal to require 4U Advanced Functions for admission to our programs was approved.

Consultation:**Resources:**

PSY230H5: Introduction to Personality

Title:

Introduction to Personality ~~Science~~

Description:

Previous: An introduction to contemporary personality research . The course focuses on the understanding of individual differences in personality traits. Topics include: measurement of individual differences; the contribution of personality traits and situations to the understanding and prediction of thoughts, feelings, and behaviours; genetic, biological, cultural, and cognitive causes of individual differences in personality traits; and individual differences in unconscious processes, goals, values, and emotions. To increase the self-relevance of research findings, students take a personality test at the beginning of the term. [36L]

New:

Personality science examines human diversity in behaviours, thoughts, and emotions . A primary learning objective is for students to think scientifically about human diversity in personality traits. The course focuses primarily on empirical results that have accumulated since the 1970s. Students learn about the measurement of personality, biological and social causes of human diversity, and the influence of personality on major life outcomes. The course focuses on variation in personality that is normal, although the relationship between personality and health – both physical and mental – is examined. < / div>

Rationale:

The field of personality science has developed tremendously over the past 20 years. This changes the content of the course and requires a modification of the course description. The content of the course has changed over the past 20 years and the course description no longer provides adequate information about the course.

Consultation:**Resources:**

PSY374H5: Psycholinguistics

Description:

Language is a key element in our social interactions ~~An examination of contemporary approaches to the psychological study of language and speech, with emphasis on the biological,~~ our ability to share information ~~cognitive,~~ and ~~cultural~~ aspects of human culture. In this course you will engage in an advanced exploration of the cognitive machinery underlying

language use. Key themes Topics include similarities and differences between spoken, signed language comprehension, and written language, comprehension and production processes, monolinguals and multilinguals, and brain areas supporting language disorders. Practical activities address experimental methodology and data analysis.

{36L}

Rationale:

The proposed description provides a more detailed overview of course topics using more active language, and situates the course as an advanced topic within Psychology's perception, cognition, and language area (in contrast to the department's offerings in social/personality psychology or behavioural neuroscience). Practical activities, currently implemented using in-class and at-home demos/software/exercises, are also highlighted.

Consultation:

Resources:

PSY410H5: Special Topics in Developmental Psychology

Description:

In depth examination of selected topics in developmental psychology. (Topics change periodically. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.

{36S}

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered, the course description has been updated to indicate that the contact type may vary from year to year.

Consultation:

Resources:

None

PSY415H5: Special Topics in Adult Development and Aging

Description:

In depth examination of selected topics in adult development and aging. (Topics change periodically. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.

{36S}

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:

Resources:

none

PSY420H5: Special Topics in Social Psychology

Description:

In depth examination of selected topics in social psychology. (Topics change periodically. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.

{36S}

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:

Resources:

Non

PSY430H5: Special Topics in Personality

Description:

In depth examination of selected topics in personality. (Topics change periodically. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.

{36S}

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:

Resources:

PSY440H5: Special Topics in Abnormal Psychology

Description:

In depth examination of selected topics in abnormal psychology. (Topics change periodically. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.

{36S}

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:

Resources:

PSY471H5: Special Topics in Cognition

Description:

In-depth examination of selected topics in cognition. (Topics change periodically. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.)

12/4/2020

vary in terms of contact type (L, S, T, P)from year to year, but will always be 36 hours in total. See the UTM Timetable.

{36S}

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:

Resources:

PSY474H5: Special Topics in Human Communication

Description:

In-depth examination of selected topics in the psychology of human communication. (Topics change periodically. The contact hours for this course may vary in terms of contact type (L, S, T, P)from year to year, but will always be 36 hours in total. See the UTM Timetable.

{36S}

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:

Resources:

PSY480H5: Special Topics in Perception

Description:

In-depth examination of selected topics in perception. (Topics change periodically. The contact hours for this course may vary in terms of contact type (L, S, T, P)from year to year, but will always be 36 hours in total. See the UTM Timetable.

{36S}

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:

Resources:

PSY495H5: Special Topics in Neuropsychology

Description:

In depth examination of selected topics in neuropsychology. (Topics change periodically. The contact hours for this course may vary in terms of contact type (L, S, T, P)from year to year, but will always be 36 hours in total. See the UTM Timetable.

{36S}

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:

Resources:

1 New Course:

ISP130H5: Numeracy for University and Beyond

Contact Hours:

Seminar: 36

Description:

This course teaches quantitative literacy and numeracy skills in order to develop core competencies identified as essential for university and beyond. ISP130H5 enhances students' ability and confidence to engage with quantitative information in a variety of contexts, by applying mathematical, statistical, and computational approaches to make informed decisions, to problem-solve, to effectively communicate and express quantitative information, and to create logical, evidence-based arguments. Rather than focusing on math specific skills, the course explores relevant concepts as they appear in diverse disciplines and authentic real-life situations, such as numbers and magnitude, patterns and relationships, financial literacy, health, probabilistic reasoning, chance and risk, and interpreting data presented in various forms.

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

ISUP was created in response to UTM's 2017 Academic Plan, which committed to "ensur[ing] that every student is offered the support and structure to improve their foundational competencies and communication skills, including written proficiency, information literacy, analytical/numerical ability and presentation skills." The Foundational Numeracy Skills Working Group that was created in response to the plan recommended (1) a new 0.5-FCE foundational course and (2) a Numeracy Development Initiative (NDI) to provide enhanced support for disciplinary applications in existing core and upper-year courses. The NDI has already begun and this ISP130 will be the foundational course in numeracy. ISP100 Writing for University and Beyond was first offered in Fall 2020; ISP130 Numeracy for University and Beyond will be offered in Fall 2021. While ISP100 will within a few years be required for students in all programs, departments are still considering which programs will adopt ISP130.

Consultation:

The Foundational Numeracy Skills Working Group was created in December 2017 as one of the first implementation committees for UTM's Academic Plan.

The Working Group's initial report and recommendations were presented at the Directors' and Chairs' Meeting in September 2018 and further discussed at the following Directors' and Chairs' Meeting in October 2018. The Working Group was reconvened in late October to address the feedback provided by the Directors and Chairs; their response is reflected in the recommendations presented in this report. The Working Group was then reconvened once more in February 2019 to review the revised report prior to circulation among departments.

Resources:

Resource Implications Form has been submitted.

ISUP is conducting a search for an Assistant Professor - Teaching Stream, Numeracy to begin in July 2021. This faculty member will teach ISP130.

2 Course Modifications:

UTM191H5: utmONE Scholars: Science Meets Society

Title:

utmONE Scholars: ~~Special Topics at the Intersection of Science and Social Science~~ **Meets Society**

Description:

Previous: This course explores debates within society and policy implications surrounding complex current research questions in science that require creative, multidisciplinary thinking . Students will hone skills in research and presentation. [24S]

New:

This course brings together first-year students who have demonstrated outstanding academic achievement to explore a current topic or problem at the intersection of science and social science in a small-group environment . The focus of each section will depend on the instructor's areas of expertise and will provide students with the opportunity to develop university-level research and critical thinking skills to support the transition into university . < / p>

Distribution Requirements:

~~Social~~ Science, **Social** Science

Rationale:

The utmONE Scholars courses have used the number range of UTM190 to 199. So far, the numbers 190 to 197 are assigned to specific topics, leaving only 198 and 199 for future topics. To provide room for future topics and to permit more frequent changes of topics, we are changing 190, 191, and 192 into special topics courses for the intersections of Social Science and Humanities (190), Social Science and Science (191), and Humanities and Sciences (192). Course goals and skills development in these courses remain unchanged and will be maintained across topic offerings. The specific topics that had been taught using those numbers have not been taught in five years.

Consultation:**Resources:**

UTM192H5: utmONE Scholars: Language, Culture, and Mind

Title:

utmONE Scholars: ~~Special Topics at the Intersection of Science~~ **Language ; Culture;** and **Humanities** ~~Mind~~

Description:

Previous: The course introduces students to cutting edge research questions and methods of inquiry in the study of language through the lenses of different disciplines such as language as a communicative tool (Anthropology) , language as an internal system (Linguistics) and language as a cognitive object (Psychology) . [24S]

New:

This course brings together first-year students who have demonstrated outstanding academic achievement to explore a current topic or problem at the intersection of science and humanities in a small-group environment . The focus of each section will depend on the instructor's areas of expertise and will provide students with the opportunity to develop university-level research and critical thinking skills to support the transition into university . < / p>

Distribution Requirements:

Previous: Humanities , Social Science

New: Science , Humanities

Rationale:

The utmONE Scholars courses have used the number range of UTM190 to 199. So far, the numbers 190 to 197 are assigned to specific topics, leaving only 198 and 199 for future topics. To provide room for future topics and to permit more frequent changes of topics, we are changing 190, 191, and 192 into special topics courses for the intersections of Social Science and Humanities (190), Social Science and Science (191), and Humanities and Sciences (192). Course goals and skills development in these courses remain unchanged and will be maintained across topic offerings. The specific topics that had been taught using those numbers have not been taught in five years.

Consultation:

Resources:

1 Retired Course:

UTM113H5: utmONE: Power of Expression

Rationale:

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and it is not being offered.

Consultation:



UNIVERSITY OF TORONTO

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SOCIAL SCIENCES Curriculum Proposals Report

Contents

Anthropology (UTM), Department of	3
3 New Courses	3
8 Course Modifications	6
Communication, Culture, Information, & Technology (UTM), Institute of	10
2 Minor Program Modifications.....	10
4 New Courses	13
28 Course Modifications	17
7 Retired Courses	26
Economics (UTM), Department of	28
6 Minor Program Modifications.....	28
14 Course Modifications	34
1 Retired Course.....	38
Forensic Science (UTM)	39
1 New Course.....	39
Geography, Geomatics and Environment (UTM), Department of	40
5 Minor Program Modification	40
10 Course Modifications	52
4 Retired Courses	55
Historical Studies (UTM), Department of	57
2 New Courses	57
Management (UTM), Department of	59
9 Minor Program Modifications.....	59
2 New Courses	77
20 Course Modifications	79
4 Retired Courses	85
Management and Innovation (UTM), Institute for	87
2 Course Modifications	87
Political Science (UTM), Department of	88
1 New Course.....	88
14 Course Modifications	90
1 Retired Course.....	94
Sociology (UTM), Department of	95
2 Program Modifications.....	95
2 New Courses	100
37 Course Modifications	102
Study of University Pedagogy, Institute for the	111
1 New Course.....	111
2 Course Modifications	112
2 Retired Courses	113

TOTAL SOCIAL SCIENCE MINOR PROGRAM MODIFICATIONS - 24

TOTAL SOCIAL SCIENCES NEW COURSES – 16

TOTAL SOCIAL SCIENCES COURSE MODIFICATIONS – 135

TOTAL SOCIAL SCIENCES RETIRED (DELETED) COURSES - 19

3 New Courses:

ANT353H5: Queer Bodies: Gender, Disability, and Illness

Contact Hours:

Lecture: 12 / *Seminar:* 12

Description:

This course explores key concepts in medical anthropology, disability studies, and gender and queer studies by examining how gender and sexuality matter in the contexts of illness and disability across a range of institutional, social, and national contexts. Students will learn to think critically about the body as a site of power configured in the social and material fields of health/illness, dis/ability, race, and gender and sexuality.

Prerequisites:

ANT204H5 or ANT207H5

Corequisites:**Exclusions:**

ANT381H5S - Special Topics in Sociocultural and Linguistic Anthropology (Winter 2021)

Recommended Preparation:**Rationale:**

The newly hired tenure-track faculty will teach this as a special topics course in Winter 2021 and we would like to include this as a new course so the instructor can teach it again in future years.

Consultation:

Yes.

Resources:

Resource Implications Form has been submitted.

ANT355H5: Disabled Cyborgs and Racist Robots: Bodies, Technologies, and Social Justice

Contact Hours:

Lecture: 12 / Seminar: 12

Description:

How does technology mediate our ideas about the social differences of disability, race, and gender? By rethinking the role of technology in reproducing social disparities and challenging bioethical debates about enhancement, students will emerge with the tools to reimagine the relationship between technology, the human body, and social justice.

Prerequisites:

8.0 credits of which 0.5 credits must be a social sciences or humanities course at the 200-level or higher

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

The newly hired tenure-track faculty intends to teach this course in rotation with ANT353H5 (other new course being proposed).

Consultation:

Yes.

Resources:

Resource Implications Form has been submitted.

ANT455H5: TOXIC! The anthropology of toxicity

Contact Hours:

Seminar: 24

Description:

The presence of toxic chemicals is a defining feature of contemporary life. But while toxicity is everywhere, it is not everywhere the same. Considering toxicity through medical and environmental anthropology, science and technology studies, and environmental justice, we will gain new perspectives on the politics of evidence, the nature of health, and the nature of nature. Creative, hands-on assignments will help us understand the toxic worlds around us at UTM.

Prerequisites:

ANT204H5 or ANT207H5

Corequisites:**Exclusions:**

ANT433H5S - Advanced Seminar in Sociocultural and Linguistic Anthropology (Winter 2021)

Recommended Preparation:**Rationale:**

The newly hired tenure-track faculty will teach this as a special topics course in Winter 2021 and we would like to include this as a new course so the instructor can teach it again in future years.

Consultation:

Yes.

Resources:

Resource Implications Form has been submitted.

8 Course Modifications:

ANT102H5: Introduction to Sociocultural and Linguistic Anthropology

Contact Hours:

Previous: *Lecture:* 24

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

Rationale:

Similar to our other first year course, ANT101H5, we would like to add tutorials. This would allow students to work through concrete examples and case studies, engage in critical discussions and debates, and apply the theoretical terms they have learned in the lectures. Please refer to the instructor's report for details and sample tutorials.

Consultation:**Resources:**

Resource Implications Form has been submitted.

ANT299H5: Research Opportunity Program

Description:

This courses provides a richly rewarding opportunity for students in their second year to work in the research project of a professor in return for 299H5 course credit. Students enrolled have an opportunity to become involved in original research, learn research methods and share in the excitement and discovery of acquiring new knowledge. **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 February and students are invited to apply in early March. Experiential and International Opportunities for more **details**.

~~details.~~

Distribution Requirements:

Previous: Social Science, Science

New:

Rationale:

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:**Resources:**

ANT299Y5: Research Opportunity Program

Description:

This courses provides a richly rewarding opportunity for students in their second year to work in the research project of a professor in return for 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. **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 February and students are invited to apply in early March. See Experiential and International Opportunities for more **details**.

~~details.~~

Distribution Requirements:**Previous:** Social Science, Science**New:****Rationale:**

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:**Resources:****ANT381H5: Special Topics in Sociocultural and Linguistic Anthropology****Description:**

Special course on selected topics in sociocultural and/or linguistic anthropology; focus of topic changes each year. **The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.**

~~[24L]~~**Rationale:**

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:**Resources:****ANT399H5: Research Opportunity Program****Description:**

This course provides senior undergraduate students who have developed some knowledge of a discipline and its research methods an opportunity to work in the research project of a professor in return for course credit. Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. **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. For details see Experiential and International Opportunities.

Distribution Requirements:**Previous:** Social Science, Science**New:****Rationale:**

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:**Resources:**

ANT399Y5: Research Opportunity Program

Description:

This course provides senior undergraduate students who have developed some knowledge of a discipline and its research methods an opportunity to work in the research project of a professor in return for course credit. Students enrolled have an opportunity to become involved in original research, develop their research skills and share in the excitement and discovery of acquiring new knowledge. **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. For details see Experiential and International **Opportunities.**

~~Opportunities.~~

Distribution Requirements:

Previous: Social Science, Science

New:

Rationale:

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:

Resources:

ANT431H5: Special Problems in Sociocultural and Linguistic Anthropology

Prerequisites:

Previous: 1.0 credits in 300 level anthropology courses and departmental approval.

New: Appropriate 200-level and / or 300-level prerequisite core course requirement (s) will be posted on the departmental website along with the Special Topics title and description prior to course registration.

Rationale:

Housekeeping: Since topics vary year to year, the requirements will be posted on our website. Changed the text to be consistent with our other social science course shell ANT433H5.

Consultation:

Resources:

ANT433H5: Advanced Seminar in Sociocultural and Linguistic Anthropology

Description:

Special seminar on selected topics in any social science aspect of anthropology, including one or more sub-fields; focus of seminar changes each year. **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.**

~~{24S}~~

Prerequisites:

Appropriate 200-level and/or 300-level prerequisite core course requirement(s) will be posted on the departmental website along with the Special Topics title and description prior to course registration.

Rationale:

Housekeeping: changed "and" to "and/or"

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

2 Minor Program Modifications:

CCIT - Major (Arts)

Completion Requirements:

8.0 credits are required including at least 4.0 at the 300/400 level. Program must be taken in combination with another major or two minors.

First Year: (1.0 credit required) CCT109H5 and CCT110H5

Second Year: (3.0 credits required)

1. CCT204H5 and CCT208H5 and CCT218H5
2. 0.5 credit from CCT200H5 or CCT206H5 or CCT210H5 or CCT222H5
3. 0.5 credit from CCT205H5 or CCT207H5 or CCT212H5 or ~~CCT250H5~~ (Students who do not choose CCT250H5 will need to take an additional 0.5 credits to complete the Sheridan Certificate in Digital Communication requirements)
4. 0.5 credit from any 200-level CCT course

Third and Higher Years: (4.0 credits required)

Minimum of 2.0 credits 4 half credit courses taught at UTM from any 300/400 level CCT/VCC course. 0.5 credit One of which these half credits must be at the 400 level.

Minimum of 2.0 credits 4 half credit courses taught at Sheridan from any 300/400 level CCT course. 0.5 credit One of which these half credits 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 ~~course~~ listed in the calendar have been met. Students without the prerequisites can be removed at any time. **No waivers will be granted.**

Description of Proposed Changes:

Updating sentence for clarity under completion requirements #3.

Rationale:

The change provides clarity on program completion requirements.

Impact:

None

Consultation:

Approved by ICCIT Curriculum Committee.

Resource Implications:

None

Digital Enterprise Management - Specialist (Arts)

Enrolment Requirements:

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

1. 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 and CCT110H5 and CCT112H5, ~~CCT110H5; MGM101H5, MGM102H5.~~
All students (including transfer 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. ICCIT 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 ~~14.5~~ credits are required.

First Year: CCT109H5 and CCT110H5 ~~and MGM101H5~~ and CCT112H5 ~~MGM102H5~~

Second Year:

1. CCT203H5 and CCT206H5 ~~and CCT219H5~~ and CCT221H5 and CCT224H5 and CCT225H5 ~~and CCT226H5~~ and CCT261H5

Third and Higher Years:

1. ~~CCT319H5 and~~ CCT321H5 and CCT324H5 ~~and CCT325H5~~ and CCT354H5 and CCT355H5 and CCT361H5
2. ~~CCT404H5 and~~ CCT424H5 and CCT461H5 and MGD421H5 and MGD426H5 and MGD428H5
3. 1.0 credit from CCT401H5 ~~or OR CCT410H5 or OR CCT474H5 OR CCT476H5 or OR MGD415H5 or OR MGD422H5 OR MGD423H5 OR MGD425H5 or OR MGD427H5 OR MGD429H5 OR MGD430H5.~~
4. ~~In addition;~~ 2.0 credits ~~of from any 300 or 400~~ CCT or MGD ~~at the 300- or 400-level courses.~~ 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. It is recommended that students take CCT204H5 and/or CCT210H5 in order to meet the prerequisite needs of most CCT 300 and 400 level elective courses.
3. It is your responsibility to ensure that the prerequisites for courses listed in the Calendar have been met. Students without the prerequisites can be removed at any time. **Waivers will not be granted.**

Description of Proposed Changes:

Adding new course - CCT112H5 for program entry.

Deleting MGM101 and MGM102H5 for program entry.

Rationale:

CCT112H5 will replace the eliminated MGM 101 and MGM 102 admission requirements for the DEM specialist program.

Preferably, the new course will be taught by ICCIT faculty teaching in the DEM specialist program. MGM 101 and MGM 102 are offered by Management—not ICCIT. As is their prerogative, Management has made a series of changes to these courses emphasizing numeracy skills. While these changes may benefit Management students, they do not serve as useful criteria in evaluating the potential of 1st year students for admission into the DEM specialist program.

Impact:

This is adding alternatives for program entry and completion and so not changing anything for students from other units.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

Resource Implications:

The cap for CCT112H5 will be 200 students that will require 6 Tutorial sections with appropriate TA support. The Resource

4 New Courses:

CCT112H5: Introduction to Management in the Networked Information Economy

Contact Hours:

Lecture: 24 / Tutorial: 12

Description:

This course introduces students to the foundational principles and analytical tools from the management discipline that are appropriate for understanding enterprises in the context of the networked information economy. Particular emphasis is given to the interconnections between information and communications technologies, innovation, the role of managers and their decision-making processes, and related social, cultural, and economic institutions.

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

This course will replace the eliminated MGM 101 and MGM 102 admission requirements for the DEM specialist program. Preferably, the new course will be taught by ICCIT faculty teaching in the DEM specialist program. MGM 101 and MGM 102 are offered by Management—not ICCIT. As is their prerogative, Management has made a series of changes to these courses emphasizing numeracy skills. While these changes may benefit Management students, they do not serve as useful criteria in evaluating the potential of 1st year students for admission into the DEM specialist program.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

Resources:

The cap for CCT112H5 will be 200 students that will require 6 Tutorial sections with appropriate TA support. Resource Implications Form has been submitted.

CCT219H5: Media Economics I (DEM)

Contact Hours:

Lecture: 36

Description:

This course presents economic principles that explain how markets help organize exchange and production among competing but nevertheless cooperating economic units. Theories of consumer demand, the economic nature and function of business firms, optimal business decision rules of monopoly, oligopoly, and anti-combines regulations, as well as game theory, are presented. Efficiency criteria pertaining to the operation of firms and markets, the role of property rights, and the scope for public policy, are also examined.

Prerequisites:

CCT109H5 and CCT110H5 and CCT112H5

Corequisites:**Exclusions:**

CCT319H5 or ECO100Y5 or (ECO101H5 or ECO102H5)

Recommended Preparation:**Rationale:**

Re-numbered CCT319H5 to CCT219H5. These economics courses should constitute a core part of the DEM curriculum and should be offered to students earlier. In addition, by moving these courses to the 2nd and 3rd years, it becomes possible to provide a 4th year economics course in the future in partnership with the Institute for Management & Innovation.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

Resources:

None

CCT325H5: Media Economics II

Contact Hours:

Lecture: 24

Description:

This course explores macroeconomics through the analysis of national and international crises. The course begins with a discussion of the nature of economics, a brief examination of markets, and a discussion of crisis and growth. We survey the institutions and dynamics of growth in the post WWII period, their breakdown in the 1960s and the spread of international crisis in the 1970s, and the crises of various economic policy responses from the 1980s to the present. After this historical overview, we explore macroeconomic theory and its development over the last 50 years. We study the Keynesian model and its emphasis on employment and output, its crisis in the late 1960s and early 1970s, the rise of monetarist alternatives, the elaboration of aggregate supply and demand models highlighting prices instead of employment, the surge of supply-side and rational expectations economics during the Reagan administration and the continuing debates among economists over the merits and problems of the various theoretical approaches. The course closes with an examination the various forms of crises tied to the emergence of information and communications technologies and the knowledge economy.

Prerequisites:

CCT219H5 or CCT319H5 or ECO100Y5 or (ECO101H5 or ECO102H5).

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

We are re-numbering MGD425 to CCT325H5. The economics courses should constitute a core part of the DEM curriculum and should be offered to students earlier. In addition, by moving these courses to the 2nd and 3rd years, it becomes possible to provide a 4th year economics course in the future in partnership with the Institute for Management & Innovation.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

Resources:

None

WRI306H5: Writing for the Academic

Contact Hours:

Lecture: 24

Description:

Examines conventions and standard practices when scientists write for other scientists in academic science journals, in conference and poster presentations, and in grant applications. This course focuses on presenting primary and secondary research. Humanities and social science students will gain specialized skills in technical writing and editing. Science students will learn the writing practices expected in professional labs and research groups. Students will present an article-length paper presenting primary research findings and a conference poster presenting the same findings to a scientific audience.

Prerequisites:

WRI173H5 or approval from the PWC program director.

Corequisites:**Exclusions:**

WRI490H5

Recommended Preparation:**Rationale:**

The course highlights the research area of a new faculty hire within ICCIT. This course is intended to attract students from other disciplines. The course offers students specialized skills in technical writing and editing practices expected in professional labs and research groups.

Consultation:

Discussed and Approved by ICCIT Curriculum Committee October 2020.

Resources:

28 Course Modifications:

CCT208H5: Communications Research Methods

Description:

This course is a ~~critical~~ survey of research methodologies in the field of communication and media. A central goal of the course is to train students ~~how to critically assess methods commonly used in social science research~~. Students will also ~~become familiar with how to properly collect, manage, analyze and interpret quantitative and qualitative social science research data~~. ~~Each week students are required to attend a one hour in-class lecture and view a one hour online lecture. The online lectures will be posted at least one week before the week in which they are assigned.~~

~~{24L, 8T}~~

Rationale:

We are updating the description to accurately reflect the content of the course.

Consultation:

Discussed and approved by ICCIT Curriculum Committee August 2020.

Resources:

None.

CCT295H5: Topics in Communication, Culture, Information and Technology

Description:

An in depth examination of selected topics in communication, culture, information and technology. Topics vary from year to year, and the content in any given year depends on the instructor. ~~The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.~~

~~{24L}~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:**Resources:**

CCT320H5: Communication, Technology, and Social Change

Prerequisites:

~~CCT212H5~~ or CCT218H5 or CCT222H5

Rationale:

We are adding CCT212 as an alternative to CCT218H5 or CCT222H5.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

Resources:

None

CCT321H5: Introduction to Finance (DEM)

Prerequisites:

~~CCT112H5~~ ~~CCT224H5~~ and (~~CCT219H5~~ or ~~CCT319H5~~) ~~MGM101H5~~ and ~~CCT224H5~~ ~~MGM102H5~~

12/4/2020

Rationale:

Adding CCT219H5 as prerequisite:

Students should be required to complete the introductory economics course before taking a finance course.

Removing MGM courses as prerequisites:

MGM 101 and MGM 102 are offered by Management—not ICCIT. As is their prerogative, Management has made a series of changes to these courses emphasizing numeracy skills. While these changes may benefit Management students, they do not serve as useful criteria in evaluating the potential of 1st year students for admission into the DEM specialist program.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

Resources:

None

CCT324H5: Organizational Studies II (DEM)**Prerequisites:**

Previous: CCT224H5 and MGM101H5 and MGM102H5

New: CCT224H5

Rationale:

MGM 101 and MGM 102 are offered by Management—not ICCIT. As is their prerogative, Management has made a series of changes to these courses emphasizing numeracy skills. While these changes may benefit Management students, they do not serve as useful criteria in evaluating the potential of 1st year students for admission into the DEM specialist program.

Consultation:

Discussed and approved by ICCIT Curriculum Committee.

Resources:

None

CCT355H5: Trends in Digital Innovation (DEM)**Title:**

Critical Approaches to ~~Trends in Digital~~ Innovation(DEM)

Description:

Previous: This course focuses on the foundational and emergent information technology systems used in organizations and the roles people, processes, and technology play in information ecologies . Managers of 21st century organizations must familiarize themselves with a variety of software and hardware systems that continually reshape business practices, organizational structures, and social relations. This course allows students to develop a greater understanding of the significance of these technologies in contemporary institutional contexts. [24L, 12T]

New:

This course provides students with a survey of critical theories appropriate to the study of technological innovation . Students will: 1) explore theories of the social, cultural, and ecological impacts of technological innovation; 2) apply these theoretical lenses to the study of trends in innovation; and 3) propose a product or approach to innovation using social, cultural, or ecological criteria . < / p>

Rationale:

Students in the DEM program receive insufficient exposure to critical theories of innovation and entrepreneurship. The CCT 261, CCT 361, CCT 461 sequence provides students with a limited introduction to some of the critical approaches to design. However, this sequence also places considerable emphasis on developing the technical skillsets of students. Revising CCT 355 to provide a more systematic and formal introduction to critical perspectives of innovation will augment the value of the CCT 261, CCT 361, CCT 461 sequence while better aligning the DEM curriculum with the broader mission of ICCIT.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

Resources:

None

CCT382H5: Prototyping Digital Games**Prerequisites:**

CCT211H5 or CCT218H5

Rationale:

We are adding CCT211H5 as an alternative to CCT218H5.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020

Resources:

None

CCT391H5: Topics in Communication, Culture, Information and Technology (SH)**Description:**

An in-depth examination of selected CCIT topics offered at Sheridan College. Topics will vary from year to year and the content in any given year depends on the instructor. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.

~~{36P}~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:**Resources:****CCT395H5: Topics in Communication, Culture, Information & Technology****Description:**

An in-depth examination of selected topics in communication, culture and information technology. Topics vary from year to year, and the content in any given year depends upon the instructor. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.

~~{24L}~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:**Resources:**

CCT399Y5: Research Opportunity Program (ROP)

Description:

This course provides an opportunity for third or higher year students to assist with the research project of a professor in return for 399Y course credit. Students have an opportunity to become involved in original research and enhance their research skills. **Based on the nature of the project, projects may satisfy the Humanities, Sciences or Social Sciences distribution requirement.** 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.**

~~details.~~

Distribution Requirements:

Previous: Social Science, Science, Humanities

New:

Rationale:

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Humanities, Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:

Resources:

CCT404H5: Integrative Design Project

Title:

Previous: Integrative Design Project

New: Remote Work , Technology and Collaboration

Rationale:

We are updating the course title to accurately reflect the content of the course.

Consultation:

Discussed and approved by ICCIT Curriculum Committee August 2020.

Resources:

None

CCT414H5: Special Topics in Knowledge, Media and Design

Description:

An in-depth examination of selected topics in interactive digital media with emphasis on knowledge, media and design. **The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.**

~~[24L]~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:

Resources:**CCT424H5: Organizational Studies III (DEM)****Description:**

An ~~in-depth~~ ~~indepth~~ study of the development of innovative strategies for organizations with an emphasis on digital enterprises. The nature of strategic innovation will be studied and a variety of analytic frameworks introduced. Concepts will be explored through a combination of lectures and case studies.

~~[24L]~~

Prerequisites:

~~CCT112H5~~ ~~MGM101H5~~ and ~~MGM102H5~~ and (~~CCT219H5~~ or CCT319H5 or CCT321H5) and (CCT221H5 or CCT322H5) and CCT324H5.

Rationale:

MGM 101 and MGM 102 are offered by Management—not ICCIT. As is their prerogative, Management has made a series of changes to these courses emphasizing numeracy skills. While these changes may benefit Management students, they do not serve as useful criteria in evaluating the potential of 1st year students for admission into the DEM specialist program.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

Resources:

None

CCT470H5: Information Visualization**Prerequisites:**

CCT210H5 and (~~CCT226H5~~ or CCT286H5 or CCT304H5)

Rationale:

We are removing CCT226H5 prerequisite. This opens the course to CCIT majors as well as DEM specialists.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

Resources:

None

CCT480H5: User Experience Analysis - UX**Title:**

User Experience ~~Design~~ ~~Analysis~~ - Quantitative Methods ~~UX~~

Prerequisites:

A minimum of 13.0 university credits including ~~CCT380H5~~ ~~CCT380H5~~.

Rationale:

We are updating the course title. The distinction quantitative more accurately captures the nature of the course content.

Consultation:

Discussed and approved by the ICCIT Curriculum Committee October 2020.

Resources:

None

CCT485H5: User Experience Design - UXD

Title:

User Experience Design - Qualitative Methods ~~UXD~~

Prerequisites:

A minimum of 13.0 university credits including CCT380H5 ~~CCT380H5.~~

Rationale:

We are updating the course title. The distinction qualitative more accurately captures the nature of the course content.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

Resources:

CCT490H5: Topics in Communication, Culture and Information Technology

Title:

Topics in Communication, Culture, ~~Culture and~~ Information and Technology

Description:

An in-depth examination of selected topics in communication, culture, ~~and~~ information and technology. Topics vary from year to year, and the content in any given year depends upon the instructor. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.

~~{24S}~~

Rationale:

The word "and" in the course title and description was not updated during the Institute name change. To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:

Approved by the ICCIT Curriculum Committee October 2020.

Resources:

None

CCT491H5: Topics in Communication, Culture, Information and Technology (SH)

Description:

An in-depth examination of selected CCIT topics offered at Sheridan College. Topics will vary from year to year and the content in any given year depends upon the instructor. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.

~~{36P}~~

Prerequisites:

A minimum of 13.0 university credits including CCT109H5 and CCT110H5 and permission of ~~approval by~~ instructor

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:

Resources:**CCT495H5: Topics in Communication, Culture, Information & Technology****Description:**

An in-depth examination of selected topics in communication, culture, information and technology. Topics vary from year to year and the content in any given year depends on the instructor. **The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.**

~~[24L]~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:**Resources:****MGD415H5: E-Business Strategies****Prerequisites:**

Previous: CCT355H5 and MGM101H5 (or equivalent)

New: CCT112H5 and CCT355H5

Rationale:

MGM 101 and MGM 102 are offered by Management—not ICCIT. As is their prerogative, Management has made a series of changes to these courses emphasizing numeracy skills. While these changes may benefit Management students, they do not serve as useful criteria in evaluating the potential of 1st year students for admission into the DEM specialist program.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

Resources:

None

MGD420H5: Global Digital Industries**Prerequisites:**

CCT112H5 ~~MGM101H5~~ and (CCT321H5 or MGM230H5) and (CCT221H5 or CCT322H5 or MGT252H5) and (CCT324H5 or MGT262H5).

Rationale:

MGM 101 and MGM 102 are offered by Management—not ICCIT. As is their prerogative, Management has made a series of changes to these courses emphasizing numeracy skills. While these changes may benefit Management students, they do not serve as useful criteria in evaluating the potential of 1st year students for admission into the DEM specialist program.

Consultation:

Discussed and approved by ICCIT Curriculum Committee.

Resources:

None

MGD421H5: Technological Entrepreneurship**Prerequisites:**

CCT112H5 ~~MGM101H5~~ and (**CCT219H5** or CCT319H5) and (CCT321H5 or MGM230H5) and (CCT221H5 or

CCT322H5 or MGT252H5) and (CCT324H5 or MGT262H5);

Rationale:

MGM 101 and MGM 102 are offered by Management—not ICCIT. As is their prerogative, Management has made a series of changes to these courses emphasizing numeracy skills. While these changes may benefit Management students, they do not serve as useful criteria in evaluating the potential of 1st year students for admission into the DEM specialist program.

Consultation:

Discussed and approved by ICCIT Curriculum Committee.

Resources:

None

MGD426H5: Enterprise Risk Management

Prerequisites:

CCT112H5 ~~MGM101H5~~ and [CCT219H5 or (CCT319H5 or EC0100Y5 or (ECO101H5 or ECO102H5))] and(CCT321H5 or MGM230H5) and (CCT221H5 or CCT322H5 or MGT252H5) and (CCT324H5 or MGT262H5)

Rationale:

MGM 101 and MGM 102 are offered by Management—not ICCIT. As is their prerogative, Management has made a series of changes to these courses emphasizing numeracy skills. While these changes may benefit Management students, they do not serve as useful criteria in evaluating the potential of 1st year students for admission into the DEM specialist program.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

Resources:

None

MGD427H5: Advanced Legal Issues

Prerequisites:

CCT112H5 ~~CCT206H5~~ and CCT206H5 ~~MGM101H5~~

Rationale:

MGM 101 and MGM 102 are offered by Management—not ICCIT. As is their prerogative, Management has made a series of changes to these courses emphasizing numeracy skills. While these changes may benefit Management students, they do not serve as useful criteria in evaluating the potential of 1st year students for admission into the DEM specialist program.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

Resources:

None

MGD428H5: Project Management

Prerequisites:

CCT112H5 ~~MGM101H5~~ and(CCT324H5 or MGT262H5)and (CCT225H5 or MGT371H5)

Rationale:

MGM 101 and MGM 102 are offered by Management—not ICCIT. As is their prerogative, Management has made a series of changes to these courses emphasizing numeracy skills. While these changes may benefit Management students, they do not serve as useful criteria in evaluating the potential of 1st year students for admission into the DEM specialist program.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

Resources:

None

WRI225H5: Community and Writing**Description:**

Writing Examines writing/communication is as a social act that both shapes and is shaped by the discourse community where it takes place. Students in this course develop a narrative portfolio based on research into the experiences will explore genre as part of individuals within a community that interests them. The course aims social system with reference to enhance students' storytelling theories by incorporating aspects of community such as unwritten rules Fairclough, Kuhn, community language and nomenclature Lemke, rituals Rorty, history Geertz, ironic juxtaposition Swales, Bakhtin. Students will design and profiles carry out primary research that explores the social character of community members communication. Readings include a mix of student-authored and contemporary professional works

Prerequisites:

CCT109H5 and CCT110H5, and(WRI173H5 or WRI203H5). Note: students in the minor program are not required to complete the CCT courses.

Rationale:

We are updating the description to accurately reflect the pedagogical approaches in the course.

Consultation:

Discussed and approved by the ICCIT Curriculum Committee October 2020.

Resources:

None

WRI307H5: Science and Writing**Impact on Programs:**

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

Title:

Science and Writing about Science

Description:**Previous:**

Examines science as rhetoric and the way this rhetoric mixes with other rhetorics from an interdisciplinary perspective appropriate for science students and for humanities and social science students . The course examines scientific writing and journalistic writing about science. Through theory and applied research and writing, students consider the special features of science rhetoric including protocols for research and documentation. This course draws from a range of theorists including Kuhn, Popper, Hempel, Hacking . < / p>

New:

Examines the best practices of science writers and journalists who, based on research published in science journals, communicate scientific information to an educated audience which lacks specialized training . Science students will learn techniques for educating and informing public audiences. Humanities and social science students will learn to access and present current scientific information in engaging narrative. This course examines scientific writing and journalistic writing about science . < / p>

Rationale:

We are updating the title and description to accurately reflect the pedagogical approaches in the course.

Consultation:

25

12/4/2020

Discussed and reviewed by the ICCIT Curriculum Committee October 2020.

Resources:

None

WRI490H5: Special Topics in Writing

Description:

An in-depth examination of topics in writing. Topics vary from year to year, and the content in any given year depends upon the instructor. **The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will always be 36 hours in total. See the UTM Timetable.**

~~[24L]~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type may vary.

Consultation:

Resources:

7 Retired Courses:

CCT100H5: History of Communication Technologie

Rationale:

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and is no longer offered.

Consultation:

CCT307H5: Design and Implementation of Multimedia Documents (SH)

Rationale:

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and is no longer offered.

Consultation:

CCT319H5: Media Economics I (DEM)

Rationale:

Re-numbered CCT319H5 to CCT219H5. These economics courses should constitute a core part of the DEM curriculum and should be offered to students earlier. In addition, by moving these courses to the 2nd and 3rd years, it becomes possible to provide a 4th year economics course in the future in partnership with the Institute for Management & Innovation.

Consultation:

CCT474H5: Organizational Innovation and Digital Leadership (DEM)

Rationale:

CCT 474 is one of a number of redundant DEM courses emphasizing innovation and its impact on organizations. This course is made redundant by the core DEM offering CCT 424 Organizational Studies III which already includes a focus on the relationship between technological innovation and organization.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

MGD422H5: Management of Technological Innovation**Rationale:**

MGD 422 is one of a number of redundant DEM courses emphasizing innovation and its impact on organizations. This course is made redundant by the core DEM offering CCT 424 Organizational Studies III which already includes a focus on the relationship between technological innovation and organization.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

MGD423H5: Technology in Organizations**Rationale:**

MGD 423 is one of a number of redundant DEM courses emphasizing innovation and its impact on organizations. This course is made redundant by the core DEM offering CCT 424 Organizational Studies III which already includes a focus on the relationship between technological innovation and organization.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

MGD425H5: Media Economics II**Rationale:**

Re-numbered MGD425H5 to CCT325H5.

Consultation:

Discussed and approved by ICCIT Curriculum Committee October 2020.

6 Minor Program Modifications:

Economics - Specialist (Arts)

Enrolment Requirements:

Limited Enrolment – Enrolment in this program is limited to students with:

- [ECO100Y5 (minimum 70%) or(a minimum 70% grade in each of ECO101H5 and ECO102H5)] ; and
- ECO206Y5 (minimum 60%) and ECO208Y5 (minimum 60%); and
- ECO227Y5 (minimum 60%) or STA258H5 (minimum 60%) or STA260H5 (minimum 60%) ; and
- One of the following:
 - MAT135Y5 (minimum 63%) and MAT223H5 (minimum 63%) ; or
 - ~~(MAT135H5 (minimum 63%) and MAT136H5 (minimum 63%) and MAT223H5 (minimum 63%) ; or~~
 - ~~(MAT133Y5 (minimum 80%) and MAT233H5 (minimum 63%) ; or~~
 - ~~(MAT134Y5 (minimum 63%) and MAT223H5 (minimum 63%) ; or~~
 - ~~(MAT132H5 (minimum 63%) and MAT134H5 (minimum 63%) and MAT223H5 (minimum 63%) ; or~~
 - ~~(MAT137Y5 (minimum 60%) and MAT223H5 (minimum 63%) ; ECO206Y5 (60%) ; ECO208Y5 (60%) ; ECO227Y5 (60%) or (STA258H5 (60%) and STA260H5 (60%))~~

Students should apply for this program at the end of their ~~after~~ second year (8.0 credits), once they have completed the prerequisites listed above. It is ~~Note: After first year, students are~~ recommended that students ~~to~~ apply to ~~for~~ the Economics Major program (ERMAJ1478) at the end of their first year (4.0 credits).

Students enrolled in this program cannot be simultaneously enrolled in the Financial Economics Specialist (ERSPE2722), Eco Major (ERMAJ1478), Eco Minor (ERMIN1478), or Commerce and Finance (ERSPE2034) program.

Description of Proposed Changes:

Added program exclusion.

Rationale:

Students cannot enroll in multiple programs due to course overlap.

Impact:

None.

Consultation:

Office of the Registrar.

Resource Implications:

None.

Economics - Specialist (BCom)

Enrolment Requirements:

Limited Enrolment Enrolment — This program may only be taken jointly with a Specialist program in Commerce which leads to a BCom degree. Students must be actively enrolled in one of these Commerce Specialist(BCom)Programs in order to qualify for this Economics Specialist program:ERSPE1704 ~~or~~ ERSPE2034 ~~or~~ ERSPE2273.

Additionally, enrolment ~~Enrolment~~ in this program is limited to students with [70% in ECO100Y5 or (70% in each of ECO101H5 and ECO102H5)] and [80% in MAT133Y5 or (63% in MAT134Y5 or ~~MAT135Y5~~) or ~~(MAT132H5~~ (63% in MAT132H5 and); MAT134H5 (~~63%~~) or ~~(MAT135H5~~ (63% in MAT135H5 and); MAT136H5 (~~63%~~) or (60% in MAT137Y5)] and 63% in MGT120H5 and a minimum CGPA which is determined annually.

Students enrolled in this program cannot be simultaneously enrolled in any other Economics program: Financial Economics Specialist (ERSPE2722), Economics Specialist (ERSPE1478), Economics Major (ERMAJ1478), Economics Minor (ERMIN1478).

Completion Requirements:

Within a BCom degree, 15.0 credits are required.

First Year:

1. ECO100Y5 or ~~and~~ (ECO101H5 and ECO102H5)
2. MAT133Y5 or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5) or MAT137Y5)
3. ~~and~~ MGT120H5 and MGM101H5

Higher Years:

1. ~~Additional~~ MGT Requirements (5.0 credits)
 1. MGT220H5 and MGT223H5 and MGT231H5 and MGT232H5
 2. 1.0 credit from: MGT252H5, MGT262H5, MGT353H5, MGT363H5, MGT371H5/MGT422H5, MGT374H5, MGT393H5;
 3. 1.0 credit in MGT at 200+ level
 4. 1.0 credit in MGT at 400 level
- b. ~~Additional~~ ECO Requirements (6.0 credits):
 1. ECO206Y5 and ECO208Y5 and [~~(~~ECO227Y5 or (STA258H5 and STA260H5))
 2. ECO375H5
 3. 1.0 credit in Economic History from: ECO302H5, ECO303H5, ECO322Y5, ECO323Y5
 4. ECO325H5 and ECO326H5,
 5. ~~an additional~~ 0.5 ~~ECO~~ credit in ECO at the 300+ level
- b. Writing Component (1.0 credit):
 - 1.0 ~~One~~ credit from the following: ANT204Y5/ANT204H5; CLA (except ANT201H5); one of (ECO302H5, ECO303H5, ECO320Y5, ECO335H5, ECO336H5 ~~ECO336Y5~~, ECO343H5, ECO344H5, ECO373Y5, ECO399Y5, ECO433H5, ECO435H5, ECO456H5, ECO463H5, ECO475H5); ENG; FAH; HIS; HPS (~~G~~); LIN; PHL (except PHL245H5, PHL246H5, PHL247H5, PHL344H5, PHL345H5, PHL346H5, PHL347H5); POL; RLG; SOC (excluding SOC300Y5); WRI.

Description of Proposed Changes:

Changed "ECO336Y5" to "ECO335H5, ECO336H5."

Added program exclusion.

Rationale:

ECO336Y5 split into two half courses - ECO335H5 and ECO336H5; both are eligible writing courses.

Students cannot enroll in multiple programs due to course overlap.

Impact:

None.

Consultation:

Eco Curriculum Committee.
Office of the Registrar.

Resource Implications:

None.

Economics and Political Science - Specialist (Arts)**Enrolment Requirements:**

Limited Enrolment — Enrolment in this program is limited. Students enrolling at the end of first year(4.0 credits) must obtain:

1. A ~~a~~ mark of at least 70% in 1.0 ~~POL~~ credit of POL;
2. A mark of ~~and~~ at least 63% in ECO100Y5 or; ~~and~~ (63% in each of ECO101H5 and ECO102H5) ;
3. MAT133Y5 (with a mark of at least 63%) or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5) or MAT137Y5; ~~MAT137Y5~~; and
4. A ~~a~~ minimum CGPA ~~Cumulative Grade Point Average~~ of 2.00.

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

1. 0 credits of POL (with a mark of at least 70% in each course) ;
2. A mark of ~~2.0 POL credits and~~ at least 63% in ECO100Y5 or; ~~and~~ (63% in each of ECO101H5 and ECO102H5) ;
3. MAT133Y5 (with a mark of at least 63%) or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT135Y5 or (MAT135H5 and MAT136H5) or MAT137Y5; ~~MAT137Y5~~; and
4. A ~~a~~ minimum CGPA ~~Cumulative Grade Point Average~~ of 2.30

Description of Proposed Changes:

Added program exclusion to Eco Major and Minor programs.

Rationale:

Students cannot enroll in multiple programs due to course overlap.

Impact:

None.

Consultation:

Office of the Registrar.

Resource Implications:

None.

Financial Economics - Specialist (Science)**Enrolment Requirements:**

Limited Enrolment — Enrolment in this program is limited to students with:

- 70% in ECO100Y5 or ~~ECO100Y5~~;(70% ~~63%~~ in each of ECO101H5 and ECO102H5) ;

- MAT135Y5 ~~/(63%)~~ or [MAT135H5 (63%) ~~and~~; MAT136H5 (63%) ~~) and + 63% in~~ MAT223H5 (63%)] or [~~(63% in~~ MAT134Y5 (63%) ~~or~~ ~~(MAT132H5 (63%) ~~and~~; MAT134H5 (63%)) and + 63% in~~ MAT223H5 (63%)] or [MAT137Y5 (60%) or ~~in~~ MAT137Y5/MAT157Y1 (60%)] or [MAT133Y5 (80%) ~~in~~ MAT133Y5 and 63% in MAT233H5 (63%)];
- 70% in ECO206Y5 and ~~ECO206Y5~~; 70% in ECO208Y5; and
- 70% in ECO227Y5 or [~~(STA256H5 (70%) ~~and~~; STA260H5 (70%))~~] or [~~(STA257H1 (70%) ~~and~~; STA261H1 (70%))~~].

There will be a limited number of spaces available ~~to for which~~ students with 8.0 ~~can apply after completion of at least 8 full~~ credits (including the prerequisites listed above) and a CGPA of 3.30 ~~3.3~~, or with the approval of the Chair or Associate Chair of the Economics Department.

Students enrolled in this program cannot ~~simultaneously~~ be ~~simultaneously~~ enrolled in an ~~any other~~ Economics Specialist (ERSPE1478 or ERSPE0137) ~~specialist~~, Economics Major (ERMAJ1478) ~~joint specialist~~, Economics Minor (ERMIN1478) ~~major or minor program~~, or in the Commerce and Finance Specialist (ERSPE2034) program ~~Program~~.

Note: Some required courses may be offered on one campus in any given year. Students registered at either the UTM or St. George campus may have to attend lectures on the other campus in such cases.

Completion Requirements:

13.0 ~~13 full~~ credits, including at least 1.0 credit at the 400 level.

First Year:

1. ECO100Y5 or (ECO101H5 and ECO102H5)
2. One of the following:
 - i. ~~i.~~ MAT133Y5 and MAT233H5; or
 - ii. ~~ii.~~ MAT135H5 and MAT136H5 and MAT223H5

Note: (MAT135H5 and MAT136H5) can be replaced ~~by~~ MAT135Y5 or MAT134Y5 or (MAT132H5 and MAT134H5) or MAT137Y5 or MAT157Y1

Higher Years:

1. ECO206Y5
2. ECO208Y5
3. ECO227Y5 or (STA256H5 ~~STA258H5~~ and STA260H5)
4. ECO325H5 and ECO326H5
5. ECO375H5
6. ECO358H5 and ECO359H5
7. 5.0 ~~additional full 300+ ECO~~ credits of ECO at the 300/400-level of which at least 1.5 credits must be chosen from ECO348H5, ECO349H5, ECO356H1, ECO434H5, ECO440H5, ECO456H5, ECO460H5, ECO461H5, ECO462H1, ECO463H5, ECO475H5. Not more than 1.0 credit in Economic History.

Description of Proposed Changes:

1. Revised program exclusions (added program numbers).
2. Revised error in text for "Higher Years #3" - STA258H5 corrected to STA256H5.

Rationale:

Revised to clarify program numbers.
Correction to required courses.

Impact:

None.

Consultation:**Resource Implications:**

None.

Economics - Major (Arts)**Enrolment Requirements:**

Limited Enrolment — Enrolment in the Major program is limited to students with 4.0 completed credits including:

- [~~(ECO101H5(63%)and ECO102H5 (63%))~~] or ECO100Y5 (63%) ; and
- MAT133Y5 (63%) or (MAT135H5 and MAT136H5) or MAT135Y5 or MAT137Y5

Students enrolled in this program cannot be simultaneously enrolled in the Economics Minor (ERMIN1478) program.

Description of Proposed Changes:

Added program exclusion.

Rationale:

Students in Eco Major cannot enroll in Eco Minor as well, due to course overlap.

Impact:

None.

Consultation:

Office of the Registrar.

Resource Implications:

None.

International Affairs - Specialist (Arts)**Enrolment Requirements:**

Limited Enrolment - enrolment in this program is limited to students who have completed at least 4.0 credits, including:

- [(ECO101H5 (63%)and ECO102H5 (63%))] or ECO100Y5 (63%) ; and
- MAT133Y5 (63%) or (MAT135H5 and MAT136H5) or MAT135Y5; and
- ~~and~~ 1.0 credit of introductory (100/200-level) language ~~credit~~.

Students enrolled in this program cannot be simultaneously enrolled in the Economics Specialist program (ERSPE1478) or Economics & Political Specialist program (ERSPE0751).

Completion Requirements:

Within an honours degree, 14.5 credits are required, of which at least 1.0 of which must be at the 400 level.

1. **7.0 credits are required from the following list:**

- (ECO101H5 ~~(63%)~~ and ECO102H5 ~~(63%)~~) or ECO100Y5 ~~(63%)~~;
- MAT133Y5 ~~(63%)~~ or (MAT135H5 and MAT136H5) or MAT135Y5;
- ECO200Y5 or ECO206Y5;
- ECO202Y5 or ECO208Y5;
- ECO220Y5 or ECO227Y5;
- POL209H5 and POL210H5 ~~POL208Y5~~;
- ECO364H5;
- ECO365H5.

2. **3.5 language credits from one language discipline, with at least 1.0 credit at the 300/400 level:**

- ~~I~~ French: FSL106H5, FSL205Y5, FSL305Y5, FSL405H5, FSL406H5, FSL466H5, FRE283H5, FRE382H5, FRE383H5.
 - ~~II~~ Italian: ITA100Y5, ITA200Y5, ITA231H5, ITA232H5, ITA315Y5, ITA350H5, ITA371Y5, ITA413Y5, ITA420Y5, ITA437Y5, ITA450H5.
 - ~~III~~ Spanish: SPA100Y5, SPA220Y5, SPA259H5, SPA320Y5, SPA323H5, SPA410H5, SPA420H5.
- Note: An alternate language option can be taken with the approval of the Department. Contact the Economics Academic Advisor for more information.

1. **3.0 credits from** : ENV311H5, GGR325H5, GGR333H5, GGR365H5, (HIS311H5 or ECO302H5 or ECO303H5), POL302Y5, POL327Y5, POL340Y5, POL343Y5, or an alternate 300/400-level course with approval of the Department.

2. **1.0 credit from:** ECO400Y5, ECO406H5, ECO411H5, ECO433H5, ECO435H5, ECO436H5, ECO439Y5, ECO456H5, ECO460H5, ECO461H5, ECO463H5, ECO419H1, ECO459H1, POL475H5, or an alternate 400-level course with approval of the Department.

Note: Contact the Economics Academic Advisor to request course alternates for approval.

Description of Proposed Changes:

POL208Y5 replaced with "POL209H5 and POL210H5."

Added program exclusions

Rationale:

POL208Y5 was split into POL209H5 and POL210H5. Changed program requirements to reflect this update.

Program exclusions: cannot combine due to course overlap.

Impact:

None.

Consultation:

Pol Sci Dept, and Economics Curriculum Committee.

Office of the Registrar.

Resource Implications:

None.

14 Course Modifications:

ECO101H5: Principles of Microeconomics

Exclusions:

ECO100Y5 or ECO101H1 or ECO100Y1 or ECO105Y1 or MGEA01H3 or MGEA02H3

Rationale:

Added STG and UTSC exclusions.

Consultation:**Resources:**

None.

ECO102H5: Principles of Macroeconomics

Exclusions:

ECO100Y5 or ECO102H1 or ECO100Y1 or ECO105Y1 or MGEA05H3 or MGEA06H3

Rationale:

Added STG and UTSC exclusions.

Consultation:**Resources:**

None.

ECO208Y5: Macroeconomic Theory

Description:

This course provides a rigorous discussion of models used ~~deals more rigorously with the topics included~~ in the study of macroeconomic phenomena, including business cycles, economic growth, unemployment, inflation, exchange rates, ~~ECO202Y5 Macroeconomic Theory~~ and international trade ~~Policy~~. This course ~~is~~ is a requirement for certain Specialist Programs, and strongly recommended for students contemplating graduate school.

Prerequisites:

[(ECO101H5 (70%) and ECO102H5 (70%)) or ECO100Y5 (70%)] and [MAT133Y5 (80%) or (MAT135H5 (63%) and MAT136H5 (63%)) or MAT135Y5 (63%) or MAT137Y5 (60%)]

Rationale:

Updated course description

Consultation:**Resources:**

None.

ECO209Y5: Macroeconomic Theory and Policy (for Commerce)

Description:

Previous:

This course covers the same topics as ECO202Y5 Macroeconomic Theory and Policy, with emphasis on the applications useful to Commerce students . **This course is restricted to students in the B.Com Program .** < / p>

New:

This course covers macroeconomic topics relevant for commerce students . Analytical tools are used to examine various policy questions, including fiscal policy, monetary policy, exchange rate policy, foreign trade policy, labour market policy, and government regulation of financial intermediaries. < / p>

Prerequisites:

[ECO101H5(63%)and ECO102H5 (63%)] or ECO100Y5 (63%)

Rationale:

Updated course description.

Consultation:

Resources:

None.

ECO320Y5: An Economic Analysis of Law

Prerequisites:

(ECO200Y5 or ECO204Y5 or ECO206Y5)and [(ECO220Y5 or ECO227Y5 or(1.0 credit from (STA256H5 or STA258H5 or STA260H5))]-

Exclusions:

Previous:

New: ECO320H1

Rationale:

Added exclusion to STG course.

Consultation:

Resources:

None.

ECO326H5: Advanced Economic Theory - Micro

Description:

This course is an advanced analysis of **microeconomic** ~~macroeconomic~~ theory, including the behaviour of consumers under uncertainty; issues in poverty, inequality and social welfare; game theory and its applications to economics and political economy. This course is recommended for students contemplating graduate studies. **This course is part of the Certificate in Advanced Economics.**

Prerequisites:

[(ECO200Y5(70%)or ECO204Y5 (70%) or ECO206Y5)] and [(ECO220Y5 or ECO227Y5 or (1.0 credit from STA256H5 or STA258H5 or STA260H5))]-

Exclusions:

Previous:

New: ECO316H1

Rationale:

Added exclusion to STG course.

Consultation:

Resources:

None.

ECO350Y5: Special Topics in Economics

Description:

(Formerly Seminar on Selected Subjects)This course covers a special topic in Economics. Content relates to instructor's area of interest, thus the course varies in focus from year to year. Students require specific prerequisites for each course. Details are available from the student advisor or departmental web site. **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 48-60 contact hours in total. See the UTM Timetable.**

~~{48L}~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

ECO351H5: Special Topics in Economics

Description:

This course covers a special topic in Economics. Content relates to instructor's area of interest, thus the course varies in focus from year to year. Students require specific prerequisites for each course. Details are available from the academic advisor or departmental website. ~~{24L}~~ Limited Enrolment. **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.**

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

ECO352H5: Special Topics in Economics

Rationale:

Consultation:

Resources:

ECO353H5: Special Topics in Economics

Description:

This course covers a special topic in Economics. Content relates to instructor's area of interest, thus the course varies in focus from year to year. Students require specific prerequisites for each course. Details are available from the student advisor or departmental website. **The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.**

~~{24L}~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

ECO401Y5: Special Topics in Economics

Description:

This course covers special topics in Economics at an advanced level. Content relates to instructor's area of interest, thus the course varies in focus from year to year. Students require specific prerequisites for each course. Details are available from the student advisor or departmental ~~website~~ **web site**. **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 48-60 contact hours in total. See the UTM Timetable.**

~~{48L}~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

ECO402H5: Special Topics in Economics

Description:

This course covers a special topic in Economics. Content relates to instructor's area of interest, thus the course varies in focus from year to year. Students require specific prerequisites for each course. Details are available from the student advisor or departmental web site. **The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.**

~~{24L}~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

ECO460H5: Introduction to Financial Risk Management

Prerequisites:

[~~(ECO200Y5 (70%) or ECO204Y5 (70%) or ECO206Y5)~~] and [~~(ECO220Y5 (70%) or ECO227Y5 or (1.0 credit from STA256H5 (70%) or STA258H5 (70%) or STA260H5)~~)]:

Exclusions:

ECO460Y5 or ECO461H1

Rationale:

Added exclusion to STG course.

Consultation:**Resources:**

None.

ECO461H5: The Economics of Financial Risk Management

Exclusions:

ECO460Y5 or ECO461H1

Rationale:

Added exclusion to STG course.

Consultation:**Resources:**

None.

1 Retired Course:

ECO100Y5: Introduction to Economics

Rationale:

ECO100Y5 Y course was replaced with two H courses, ECO101H5 and ECO102H5.

Consultation:

Forensic Science (UTM)

1 New Course:

FSC361H5: Mental Illness and the Criminal Justice System

Impact on Programs:

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

Contact Hours:

Lecture: 36

Description:

This course will develop students' knowledge of forensic mental health issues throughout the criminal justice system, including the nature and extent of mental illness in our society and the various legal, social and ethical issues that arise when a mentally disordered individual comes into contact with the criminal justice system. Topics to be explored include: the medical and legal definitions of mental disorder and their relationship to each other; the criteria for state-compelled treatment and how it impinges upon individual autonomy; the changing views of the justice system's duty to accommodate victims and witnesses with mental health issues; fitness to stand trial and the defense of not criminally responsible; and the Review Board process.

Prerequisites:

FSC271H5

Corequisites:**Exclusions:**

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

Recommended Preparation:**Rationale:**

This course has been now been taught for a few years under our FSC350H5 Special Topics in FSC. We have always had full enrolment and students enjoy the course. We would now like to make it an official course, adding to the suite of optional courses available to our FSC Majors and Minors.

Consultation:

FSC Faculty & sessional instructors

Resources:

TA as per FSC set ratio for lecture based only course.

5 Minor Program Modification:

Environmental Management - Major (Arts)

Completion Requirements:

First Year: 2.0 credits:

1. **Environment Foundation:** ENV100Y5
2. **Foundation in Related Disciplines :** 1.0 credit **chosen** from **this list:** ANT102H5; ECO100Y5 or (ECO101H5 **and +** ECO102H5); GGR111H5; POL111H5, POL114H5; SOC100H5

Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.

Second Year: 3.0 credits:

1. **Environmental Management Core :** ENV201H5
2. **Environmental Policy Core :** JPE251H5 **and +** JPE252H5 (formerly JPE250Y5)
3. **Social Science/Humanities Core :** 0.5 credit **chosen** from **this list:** ANT241H5; ENG259H5; ENV205H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR252H5, GGR265H5, GGR288H5; PHL274H5, PHL284H5
4. **Science Core :** 0.5 credit **chosen** from **this list:** ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;
5. **Quantitative, Digital, and Analytical Methods Core:** 0.5 credit **chosen** from **this list:** GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5; or another program-relevant 200/300-level Research Methods course, with permission of the Program Advisor

Upper Years: 3.0 credits:

1. **Environmental Management Perspectives :** 1.0 credit **chosen** from **this list:** ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; **ENV435H5**; JEP452H5
2. **Social, Economic & Policy Perspectives :** 1.0 credit **chosen** from **this list:** ANT357H5, ANT368H5, ANT370H5, ANT463H5, ANT464H5; ECO373Y5; ENV310H5, ENV311H5, ENV320H5, ENV425H5, ENV430H5; **ENV435H5**; GGR318H5, GGR322H5, GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR362H5, GGR365H5, GGR370H5, GGR415H5, GGR418H5, GGR419H5, GGR420H5, GGR426H5, GGR461H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5
3. **Scientific Perspectives :** 0.5 credit **chosen** from **this list:** ANT327H5; BIO311H5, BIO331H5, BIO333H5, BIO464H5; ENV495H5, ENV496H5; ERS312H5, ERS313H5, ERS315H5, ERS321H5; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR322H5, GGR337H5, GGR338H5, GGR374H5, GGR375H5, GGR376H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR440H5, GGR484H5; JGE378H5
4. **Field, Project-based, Experiential, and Research Perspectives :** 0.5 credit **chosen** from **this list:** ENV299Y5; **ENV330H5**, ENV332H5, ENV399Y5, ENV496H5, ENV497H5; GGR335H5, GGR379H5, GGR389H5; JEG401Y5, JEG417Y5; or another program-relevant Field, Experiential, or Research course, with permission of the Program Advisor

Note: ENV490H5, ENV491H5 can substitute for #1, #2, #3, or #4 as course requirements, where appropriate, and with permission of the Program Advisor or Academic Counsellor.

Note: This is intended to be an interdisciplinary program. At least four different disciplines must be represented among the courses that are counted as program requirements. For example, a course list selected from ENV + GGR + ANT + POL is acceptable, but a course list selected only from ENV + GGR + ANT is not. Please contact the Program Advisors or Academic Counsellor if you have any questions about the validity of your course selections.

Description of Proposed Changes:

Rationale:

remove ENV330H5 from the list of courses under Field, Project-based, Experiential, and Research Perspectives. ENV330H5 was designed for Environmental Science students and for the Environmental Science. Remove ENV435H5 from program list of courses because the course was never offered and is being removed from the calendar.

Impact:

Consultation:

Resource Implications:

Environmental Management - Specialist (Arts)

Completion Requirements:

First Year: 3.0 credits:

1. **Environment Foundation:** ENV100Y5
2. **Economics Foundations:** ECO100Y5 or (ECO101H5 and + ECO102H5)
3. **Foundations in Related Disciplines:** 1.0 credit **chosen** from **this list:** ANT102H5; GGR111H5; POL111H5, POL114H5; SOC100H5

Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.

Second Year: 4.5 credits:

1. **Environmental Management Core :** ENV201H5
2. **Environmental Policy Core :** JPE251H5 and + JPE252H5 (formerly JPE250Y5)
3. **Social Science/Humanities Core :** 1.0 credits **chosen** from **this list:** ANT241H5; ENG259H5; ENV205H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR252H5, GGR265H5, GGR288H5; PHL274H5, PHL284H5
4. **Science Core :** 1.0 credit **chosen** from **this list:** ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5, ERS202H5, ERS203H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;
5. **Quantitative, Digital, and Analytical Methods Core:** 1.0 credit **chosen** from **this list:** GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5, STA221H5

Upper Years: 4.5 credits:

1. **Environmental Management Perspectives** : 2.0 credit **chosen** from **this list**: ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5; **ENV435H5**; JEP452H5
2. **Social, Economic & Policy Perspectives** : 1.0 credits **chosen** from **this list**: ANT357H5, ANT368H5, ANT370H5, ANT463H5, ANT464H5; ECO373Y5; ENV310H5, ENV311H5, ENV320H5, ENV425H5, ENV430H5; **ENV435H5**; GGR313H5, GGR318H5, GGR322H5, GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR362H5, GGR363H5, GGR365H5, GGR370H5, GGR385H5, GGR415H5, GGR418H5, GGR419H5, GGR420H5, GGR426H5, GGR461H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5
3. **Scientific Perspectives** : 0.5 credit **chosen** from **this list**: ANT327H5; BIO311H5, BIO331H5, BIO333H5, BIO464H5; ENV495H5, ENV496H5; ERS312H5, ERS313H5, ERS315H5, ERS321H5; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR322H5, GGR337H5, GGR338H5, GGR374H5, GGR375H5, GGR376H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR440H5, GGR484H5; JGE378H5;
4. **Field, Project-based, Experiential, and Research Perspectives** : 1.0 credit **chosen** from **this list**: ENV299Y5; **ENV330H5**, ENV332H5, ENV399Y5, ENV496H5, ENV497H5; GGR335H5, GGR379H5, GGR389H5; JEG401Y5, JEG417Y5 or another program-relevant Field, Experiential, or Research course, with permission of the Program Advisor

Note: ENV490H5, ENV491H5 can substitute for #1, #2, #3, or #4 as course requirements, where appropriate, and with permission of the Program Advisor or Academic Counsellor.

Note: This is intended to be an interdisciplinary program. At least four different disciplines must be represented among the courses that are counted as program requirements. For example, a course list selected from ENV + GGR + ANT + POL is acceptable, but a course list selected only from ENV + GGR + HIS is not. Please contact the Program Advisors or Academic Counsellor if you have any questions about the validity of your course selections.

Description of Proposed Changes:

Rationale:

remove ENV330H5 from the list of courses under Field, Project-based, Experiential, and Research Perspectives. ENV330H5 was designed for Environmental Science students and for the Environmental Science program. Remove ENV435H5 because the course was never offered and is being removed from the calendar.

Impact:

Consultation:

Resource Implications:

Environmental Management - Minor (Arts)

Completion Requirements:

4.0 credits are required, of which at least 1.0 must be at the 300-400 level.

First Year: 1.0 credit:

1. **Environment Foundation:** ENV100Y5

Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you. 12/4/2020

Second Year: 1.5 credits:

1. **Environmental Management Core** : ENV201H5
2. **Social Science/Humanities Core:** 0.5 credit chosen from this list: ENG259H5; ENV205H5; GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR252H5, GGR265H5, GGR288H5; JPE251H5, JPE252H5;
3. **Science Core:** 0.5 credit chosen from this list: ANT214H5; BIO201H5, BIO205H5, BIO211H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;

Third Year: 1.5 credits:

1. **Environmental Management Perspectives:** 1.0 additional credit chosen from this list: ANT357H5, ANT368H5, ANT370H5, ANT463H5, ANT464H5; ECO373Y5; ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5, ~~ENV435H5~~; GGR318H5, GGR322H5, GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5, GGR361H5, GGR362H5, GGR365H5, GGR370H5, GGR415H5, GGR418H5, GGR461H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; POL475H5; SOC465H5; WRI375H5
2. **Field, Project-based, Experiential, and Research Perspectives** : 0.5 credit chosen from this list: ENV299Y5, ENV330H5, ENV332H5, ENV399Y5, ENV496H5, ENV497H5; GGR335H5, GGR376H5, GGR379H5, GGR389H5; JEG401Y5, JEG417Y5; or another program-relevant Field, Project-Based, or Research course, with permission of the Program Advisor

Note This is intended to be an interdisciplinary program. At least three different disciplines must be represented among the courses that are counted as program requirements. For example, a course list selected from ENV + GGR + ANT is acceptable, but a course list selected only from ENV + GGR is not. Please contact the Program Advisors or Academic Counsellor if you have any questions about the validity of your course selections.

Description of Proposed Changes:

Rationale:

Remove ENV435H5 from list of possible courses because the course was never offered and is being removed from the calendar.

Impact:

Consultation:

Resource Implications:

University of Toronto Mississauga

Proposal to Modify a Combined Degree Program

SECTION 1 – Summary Information

Program: <i>(e.g. Combined Specialist in Environmental Management and MScSM (GSCOBASU1))</i>	Combined Specialist in Environmental Management and MScSM (GSCOBASU1)
Department/Unit:	Department of Geography, Geomatics and Environment
Department/Unit Contact:	Sabrina Ferrari Academic Counsellor sabrina.ferrari@utoronto.ca
Date of Proposal:	October 16 th , 2020
Faculty/Academic Division:	University of Toronto Mississauga
Effective Date:	September 1, 2021

SECTION 2 - Proposal

1. DESCRIPTION OF THE PROPOSED CHANGE

Please provide a brief summary of the change being proposed and the impetus for the change. For programs combined with the Master of Teaching (MT), please confirm that the proposed changes do not effect teaching subject credit requirements for the MT Program.

1. update program requirements where ECO100Y5 is listed with the new ECO101H5 + ECO102H5
2. remove ENV330H5 from the list of options under *Field, Project-Based & Research Perspectives*
3. remove ENV435H5 from list of options under Environmental Management Perspectives & under Social Economic & Policy Perspectives

2. ACADEMIC RATIONALE

Discuss the academic reason for the change and what impact the change may have to students, course offerings and the program as a whole (positive and negative).

1. The department of Economics has changed their full credit course (ECO100Y5) to two half credit courses (ECO101H5 + ECO102H5).
2. ENV330H5 was designed for Environmental Science students
3. The course is being removed from the calendar and was never offered so it will not impact students from completing program requirements

3. CONSULTATION

Confirm consultation has occurred, as appropriate. For changes that involve courses offered by other units, consultation should occur in advance of proposal submission.

We have consulted MScSM to advise of this update

4. FINANCIAL AND RESOURCE IMPLICATIONS

Indicate any faculty, TA, space, equipment, library or other resources that will be impacted as a result of the proposed change. Please consider resource needs that may decrease in addition to new/ increased requirements.

none

5. CALENDAR COPY WITH TRACK CHANGES

Include the current calendar copy below and indicate the changes to be made using the track changes tool.

Limited Enrolment – Enrolment in this program is limited to students who:

- Are currently enrolled in the Specialist Program in Environmental Management (ERSPE1425);
- Have either completed or are currently enrolled in a min. of 15.0 total credits
- Have a min. annual GPA of 3.7 in the most recent year of study
- Have been offered conditional early admission to the MScSM Program Meeting the minimum requirements does not guarantee admission to the program. There are a limited number of spaces available in this program; thus, the actual GPA requirement in any particular year may vary from the 3.7 value in order to achieve a proper balance between enrolments and teaching/ learning resources.

First Year:

1. Introduction: ENV100Y5

2. Economics: ECO100Y5 or (ECO101H5 and ECO102H5)

3. Foundation: 1.0 credit chosen from this lists:

ANT102H5; GGR111H5; POL111H5, POL114H5;
SOC100H5

Second Year:

1. Environmental Management Core: ENV201H5

2. Environmental Policy Core: JPE251H5 + JPE252H5
(formerly JPE250Y5)

3. Social Science/ Humanities Core: 1.0 credits chosen
from this list: ANT241H5; ENG259H5; ENV205H5;
GGR202H5, GGR207H5, GGR208H5, GGR209H5,
GGR210H5, GGR252H5, GGR265H5, GGR288H5;
PHL274H5, PHL284H5

4. Science Core: 1.0 credit chosen from this list:

ANT214H5; BIO201H5, BIO205H5, BIO211H5;
ERS201H5, ERS202H5, ERS203H5; GGR201H5,
GGR214H5, GGR217H5, GGR227H5;

5. Quantitative, Digital, and Analytical Methods Core:

1.0 credit chosen from this list: GGR276H5,
GGR277H5, GGR278H5; STA215H5, STA220H5,
STA221H5

Third & Fourth Years:

1. Environmental Management Perspectives: 2.0 credit

chosen from this list: ENV310H5, ENV311H5,
ENV320H5, ENV393H5, ENV425H5, ENV430H5,
ENV435H5; JEP452H5

2. Social Economic & Policy Perspectives: 1.0 credits

chosen from this list: ANT357H5, ANT368H5,
ANT370H5, ANT463H5, ANT464H5; ECO373Y5;
ENV310H5, ENV311H5, ENV320H5, ENV425H5,
ENV430H5, ENV435H5; GGR313H5, GGR318H5,
GGR322H5, GGR325H5, GGR329H5, GGR333H5,
GGR348H5, GGR349H5, GGR353H5, GGR361H5,
GGR362H5, GGR363H5, GGR365H5, GGR370H5,
GGR385H5, GGR415H5, GGR418H5, GGR419H5,
GGR420H5, GGR426H5, GGR461H5; JEP351H5,
JEP356H5, JEP452H5; JGE378H5; POL343Y5,
POL346Y5, POL475H5; SOC349H5, SOC356H5,
SOC465H5; WRI375H5

3. Scientific Perspectives: 0.5 credit chosen from this

list: ANT327H5; BIO311H5, BIO331H5, BIO333H5,
BIO464H5; ENV495H5, ENV496H5; ERS312H5,
ERS313H5, ERS315H5, ERS321H5; GGR304H5,
GGR305H5, GGR307H5, GGR309H5, GGR311H5,
GGR315H5, GGR316H5, GGR317H5, GGR322H5,
GGR337H5, GGR338H5, GGR374H5, GGR375H5,
GGR376H5, GGR377H5, GGR383H5, GGR384H5,
GGR404H5, GGR406H5, GGR407H5, GGR440H5,
GGR484H5; JGE378H5

4. Field, Project-Based & Research Perspectives: 1.0

credit chosen from this list: ENV299Y5, ENV330H5,
ENV332H5, ENV399Y5, ENV496H5, ENV497H5;
GGR335H5, GGR379H5, GGR389H5; JEG401Y5,
JEG417Y5; or another program-relevant field,
experiential, or research course, with permission of
the Program Advisor

5. MScSM Courses: 1.0 credit chosen from this list:

SSM1010Y, SSM1020H, SSM1030H, SSM1040H,
SSM1050H, SSM1060H, SSM1070H, SSM1080H,
SSM2010H, SSM2020H; ECO2908H; EES1107H,
EES1124H, EES1125H; ENV1002H, ENV1704H,
ENV1707H; or another program-relevant graduate
course with permission of the MScSM Director

Fifth & Sixth Years:

1. Core Courses: SSM1010Y, SSM1020H, SSM1030H,

SSM1040H, SSM1050H, SSM1060H, SSM1070H,
SSM1080H, SSM1090H, SSM1100Y

2. Elective Courses: 3.0 credits of either Science or Management, Economics, and Social Electives

3. Internship: SSM1110H

Notes:

1. Students must complete a min. 15.0 credits before they can enroll in this Combined Degree Program

2. Students must also complete their remaining Environmental Management Specialist program requirements and undergraduate degree requirements before conditions of acceptance to the MScSM Program are removed and student can begin graduate studies.

3. Students will retain 1.0 credit of graduate MScSM courses that were completed during their undergraduate. These courses do not need to be repeated to fulfill MScSM program requirements.

4. Sample Science elective courses for MScSM: JPG1407H, JPG1408H; EES1107H, EES1117H, EES1125H; ENV1002H, ENV1704H; or another program-relevant course with permission of the MScSM Director and Chair of the host department.

5. Sample Management, Economics, and Social elective courses for MScSM: SSM2010H, SSM2020H; ENV1707H; EES1124H; ECO2908H; MGT2918H; RSM2216H; or another program-relevant course with permission of the MScSM Director and Chair of the host department.

University of Toronto Mississauga

Proposal to Modify a Combined Degree Program

SECTION 1 – Summary Information

Program: <i>(e.g. Combined Specialist in Environmental Management and MScSM (GSCOBASU1))</i>	Combined Major in Environmental Management and MScSM (GSCOBASU2)
Department/Unit:	Department of Geography, Geomatics and Environment
Department/Unit Contact:	Sabrina Ferrari Academic Counsellor sabrina.ferrari@utoronto.ca
Date of Proposal:	October 16 th , 2020
Faculty/Academic Division:	University of Toronto Mississauga
Effective Date:	September 1, 2021

SECTION 2 - Proposal

6. DESCRIPTION OF THE PROPOSED CHANGE

Please provide a brief summary of the change being proposed and the impetus for the change. For programs combined with the Master of Teaching (MT), please confirm that the proposed changes do not effect teaching subject credit requirements for the MT Program.

4. update program requirements where ECO100Y5 is listed with the new ECO101H5 + ECO102H5
5. remove ENV330H5 from the list of options under *Field, Project-Based & Research Perspectives*
6. remove ENV435H5 from list of options under Environmental Management Perspectives & under Social Economic & Policy Perspectives

7. ACADEMIC RATIONALE

Discuss the academic reason for the change and what impact the change may have to students, course offerings and the program as a whole (positive and negative).

4. The department of Economics has changed their full credit course (ECO100Y5) to two half credit courses (ECO101H5 + ECO102H5).
5. ENV330H5 was designed for Environmental Science students
6. The course is being removed from the calendar and was never offered so it will not impact students from completing program requirements

8. CONSULTATION

Confirm consultation has occurred, as appropriate. For changes that involve courses offered by other units, consultation should occur in advance of proposal submission.

We have consulted MScSM to advise of this update

9. FINANCIAL AND RESOURCE IMPLICATIONS

Indicate any faculty, TA, space, equipment, library or other resources that will be impacted as a result of the proposed change. Please consider resource needs that may decrease in addition to new/ increased requirements.

none

10. CALENDAR COPY WITH TRACK CHANGES

Include the current calendar copy below and indicate the changes to be made using the track changes tool.

Limited Enrolment – Enrolment in this program is limited to students who:

- Are currently enrolled in the Major Program in Environmental Management (ERMAJ1425);
- Have either completed or are currently enrolled in a min. of 15.0 total credits
- Have a min. annual GPA of 3.7 in the most recent year of study
- Have been offered conditional early admission to the MScSM Program Meeting the minimum requirements does not guarantee admission to the program. There are a limited number of spaces available in this program; thus, the actual GPA requirement in any particular year may vary from the 3.7 value in order to achieve a proper balance between enrolments and teaching/ learning resources.

First Year:

1. **Introduction:** ENV100Y5

2. **Foundation:** 1.0 credit chosen from this list:

ANT102H5; ECO100Y5 or (ECO101H5 and ECO102H5); GGR111H5; POL111H5, POL114H5; SOC100H5

Second Year:

1. **Environmental Management Core:** ENV201H5

2. **Environmental Policy Core:** JPE251H5 + JPE252H5 (formerly JPE250Y5)

3. **Social Science/ Humanities Core: 0.5 credit chosen from this list:** ANT241H5; ENG259H5; ENV205H5, GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR252H5, GGR265H5, GGR288H5; PHL274H5, PHL284H5

4. **Science Core: 0.5 credit chosen from this list:** ANT214H5, BIO201H5, BIO205H5, BIO211H5; ERS201H5; GGR201H5, GGR214H5, GGR217H5, GGR227H5;

5. **Quantitative, Digital, and Analytical Methods Core: 0.5 credit chosen from this list:** GGR276H5, GGR277H5, GGR278H5; STA215H5, STA220H5; or another program-relevant 200/300-level research methods course, with permission of the Program Advisor

Third & Fourth Years:

1. **Environmental Management Perspectives: 0.5 credit** chosen from this list: ENV310H5, ENV311H5, ENV320H5, ENV393H5, ENV425H5, ENV430H5, **ENV435H5**; JEP452H5

2. **Social, Economic & Policy Perspectives: 1.5 credit** chosen from this list: ANT357H5, ANT368H5, ANT370H5, ANT463H5, ANT464H5; ECO373H5; ENV310H5, ENV311H5, ENV320H5, ENV425H5, ENV430H5, **ENV435H5**; GGR313H5, GGR318H5, GGR322H5, GGR325H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR353H5; GGR361H5, GGR362H5, GGR365H5, GGR370H5, GGR385H5, GGR415H5, GGR418H5, GGR419H5, GGR420H5, GGR426H5, GGR461H5; JEP351H5, JEP356H5, JEP452H5; JGE378H5; POL343Y5, POL346Y5, POL475H5; SOC349H5, SOC356H5, SOC465H5; WRI375H5

3. **Scientific Perspectives: 0.5 credit chosen from this list:** ANT327H5, BIO311H5, BIO331H5, BIO333H5, BIO464H5; ENV495H5, ENV496H5; ERS312H5, ERS313H5, ERS315H5, ERS321H5; GGR304H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR315H5, GGR316H5, GGR317H5, GGR322H5, GGR337H5, GGR338H5, GGR374H5, GGR375H5, GGR376H5, GGR377H5, GGR383H5, GGR384H5, GGR404H5, GGR406H5, GGR407H5, GGR440H5, GGR484H5; JGE378H5;

4. **Field, Project-Based, Experiential, and Research Perspectives: 0.5 credit** chosen from this list:

ENV299Y5, **ENV330H5**, ENV332H5, ENV399Y5, ENV496H5, ENV497H5; GGR335H5, GGR379H5, GGR389H5; JEG401Y5, JEG417Y5; or another program-relevant field, project-based or research course, with permission of the Program Advisor

5. **MScSM Courses:** 1.0 credit chosen from this list: SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H; ECO2908H; EES1107H, EES1124H, EES1125H; ENV1002H, ENV1704H, ENV1707H; or another program-relevant graduate course with permission of the MScSM Director

Fifth & Sixth Years:

1. **Core Courses:** SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM1090H, SSM1100Y

2. **Elective Courses:** 3.0 credits of either Science or Management, Economics, and Social Electives

3. **Internship:** SSM1110H

Notes:

1. Students must complete a min. 15.0 credits before they can enroll in this Combined Degree Program
2. Students must also complete their remaining Environmental Management Major program requirements and undergraduate degree requirements before conditions of acceptance to the MScSM Program are removed and student can begin graduate studies.
3. Students will retain 1.0 credit of graduate MScSM courses that were completed during their undergraduate. These courses do not need to be repeated to fulfill MScSM program requirements.
4. Sample Science elective courses for MScSM: JPG1407H, JPG1408H; EES1107H, EES1117H, EES1125H; ENV1002H, ENV1704H; or another program-relevant course with permission of the MScSM Director and Chair of the host department.
5. Sample Management, Economics, and Social elective courses for MScSM: SSM2010H, SSM2020H; ENV1707H; EES1124H; ECO2908H; MGT2918H; RSM2216H; or another program-relevant course with permission of the MScSM Director and Chair of the host department.

10 Course Modifications:

ENV299Y5: Research Opportunity Program

Description:

This course provides a richly rewarding opportunity for students in their second year to work on a research project with 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. **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 February and students are invited to apply in early March. See Experiential and International Opportunities for more **details**.

~~details.~~

Distribution Requirements:

Previous: Social Science, Science

New:

Rationale:

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:**Resources:**

ENV311H5: Environmental Issues in the Developing World

Contact Hours:

Previous: *Lecture:* 24 / *Tutorial:* 12

New: *Lecture:* 24 / *Tutorial:* 10

Prerequisites:

Any 9.0 **credits** ~~credits.~~

Rationale:

updated number of tutorial hours. Tutorials are not held in the first or last week of class. This is for efficiency in course management.

Consultation:**Resources:**

ENV320H5: Managing Our Waste

Contact Hours:

Previous: *Lecture:* 24 / *Tutorial:* 12

New: *Lecture:* 24 / *Tutorial:* 10

Description:

Garbage archaeologist William Rathje once said, "Garbage isn't generic junk. It's elements of our behavior all thrown together." The history of human civilization is reflected in what societies have thrown away over the ages. But in recent decades both the quantity and types of waste generated by human activities have changed radically. In this course, we will

address the philosophical, social, and management challenges associated with waste in Canadian and international contexts, as well as examining some of the technological and scientific aspects of specific waste management problems.

Rationale:

updated number of tutorial hours. Tutorials are not held in the first or last week of class. This is for efficiency in course management.

Consultation:

Resources:

ENV330H5: Experimental Design in Environmental Science

Prerequisites:

9.0 credits, including the completion of a 100-level quantitative and basic scientific ~~first-year foundation~~ credit, and completion of a 200 ~~second~~/300-level ~~third-year~~ quantitative methods course and enrolment in an Environmental Science program.

Distribution Requirements:

Previous: Science

New:

Rationale:

updated prerequisite to completion of a first-year quantitative and basic scientific credit and removed completion of a foundation credit. The previous prerequisite for a first year foundation credit was an error. Students completing an Environmental Science program will complete a credit from from quantitative and basic scientific perspective and not from a foundation perspective. The requirement of a "foundation" credit applies to Environmental Management students.

Consultation:

Resources:

ENV399Y5: Research Opportunity Program

Description:

This course provides a richly rewarding opportunity for students in their second year to work on a research project with 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. **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 February and students are invited to apply in early March. See Experiential and International Opportunities for more **details.**

~~details.~~

Distribution Requirements:

Previous: Social Science, Science

New:

Rationale:

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:

Resources:

GGR202H5: Geography of Canada

Description:

Previous: Canada continues to be one of the world 's great storehouses of basic resources: fish, wood, minerals, grains, livestock, water, recreational space and more . Human impact, to the point of extinction, has varied across the country. The geography of regional change in Canada, over several centuries, is basic to this social science course. [24L]

New:

This course will spotlight how Canada, as a nation, is constructed through historical and contemporary systems of inclusions and exclusions . Taking a geographic approach to Canada means taking a look at the social construction of 'Canada' through the politics and production of spaces. We will explore how landscape, borders, regions, territory, land, and environment are imagined, organized, contested and fought for by individuals and communities . < / p>

Rationale:

the new course description is a more accurate description of how the course is taught.

Consultation:

Resources:

GGR300H5: Special Topics in Human Geography

Description:

This course explores a particular area within human geography. Topics will vary from year to year. See department website for details. **The contact hours for this course may vary in terms of contact type (L ~~24L~~, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.**

~~12T}~~

Prerequisites:

Previous: GGR277H5; PI

New: 9.0 credits including GGR277H5 and permission of instructor

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

GGR361H5: City Planning and Development

Contact Hours:

Previous: *Lecture:* 36 / *Tutorial:* 12

New: *Lecture:* 36 / *Tutorial:* 10

Rationale:

updated number tutorial hours. Tutorials are not held in the first or last week of class. This is for efficiency in course management.

Consultation:

Resources:**GGR399Y5: Research Opportunity Program****Description:**

This course provides senior undergraduate students who have developed knowledge of geography and have studied its research methods the chance to work as part of a research team, under the direction of a professor, in exchange for course credit. Students have the opportunity to be involved in original research, enhance their research skills and participate in the excitement and discovery of facilitating new knowledge. **Based on the nature of the project, projects may satisfy the Sciences or Social Sciences distribution requirement. Participating Project descriptions for participating** faculty members **post project descriptions** for the following summer and fall/winter semesters **are posted** on the ROP website(www.utm.utoronto.ca/rop)in mid-February and students are invited to apply at that time. This course may fulfill field day components. Please consult with your **supervisor.**

~~supervisor.~~**Distribution Requirements:****Previous:** Social Science, Science**New:****Rationale:**

The assigned distribution requirement has been removed and replaced by a note in the course description to indicate to students that, based on the nature of the project, projects may satisfy either the Sciences or Social Sciences distribution requirement. The distribution will now be tracked through the ROPAPP and reported to the Registrar's Office to ensure students receive appropriate credit for the projects they complete.

Consultation:**Resources:****GGR489H5: Special Topics in Human Geography****Description:**

An advanced seminar dealing with topics in human geography, to be selected according to staff and student interests. **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.**

~~{24S}~~**Rationale:**

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:**Resources:****4 Retired Courses:****ENV250Y5: Sustainable Tourism****Rationale:**

CM Clean Up. ENV250Y5 has been renumbered.

Consultation:

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ENV435H5: Resource Management, Circular Economy, and Sustainability

Rationale:

ENV435 was originally introduced for a faculty member who has moved on. We do not have another instructor with expertise in this area to teach the course and it is not a core course to our programs.

Consultation:

GGR393H5: Methods of Environmental Assessment

Rationale:

CM Clean Up. GGR393H5 was renumbered to ENV393H5.

Consultation:

GGR417Y5: Honours Thesis

Rationale:

CM Clean Up. GGR417Y5 was renumbered JEG417Y5.

Consultation:

2 New Courses:

HIS255H5: Introduction to Histories of Extraction and the Environment

Contact Hours:

Lecture: 24 / Tutorial: 12

Description:

An introduction to the historical and ongoing disruptions of colonial extraction in Canada and their treatment within the historical record. From natural resources to Indigenous lands and knowledges, this course will deepen students' understandings of the processes, industries and technologies responsible for settler colonial extraction in Canada.

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

This course addresses a gap in our curriculum. This course uses an historical as well as Indigenous, feminist, and science and technology studies (STS) methods to examine colonization, people, and the environment. This course could count as electives in the Women and Gender Studies program at UTM.

Consultation:

Will consult with the Geography Department.

Resources:

TA support will be required. There will be an field trip component to this course, we are in the process of discussing funding for transportation.

HIS355H5: Histories of Extraction and the Future of the Environment

Contact Hours:

Lecture: 24

Description:

This course uses Indigenous, transnational and feminist frameworks to examine colonialism's impact on the environment. From Turtle Island (Canada/U.S.) to Aotearoa (New Zealand), this course dismantles colonial histories, extractive industries and the state apparatuses that govern our relationship to the environment to form alternative understandings of environmental histories and futures.

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

HIS255H5

Rationale:

This course addresses a gap in our curriculum. Extractive Histories uses historical as well as Indigenous, feminist, and science and technology studies (STS) methods to examine the ongoing colonization of people and their environments. This 300-level course builds on our new 200-level introduction to resource extraction. This course could count as electives in the Women and Gender Studies program at UTM.

Consultation:

Will consult with the Geography Department.

Resources:

There will be an field trip component to this course, we are in the process of discussing funding for transportation.

9 Minor Program Modifications:

Commerce - Major (Arts)

Enrolment Requirements:

Limited Enrolment — ~~Note: The following admission requirements will be in effect for students enrolling to the program in Spring 2021. For students enrolling during the Spring 2020 enrolment period, please consult the 2019–2020 Academic Calendar.~~ 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:
 - ~~ECO100Y5~~, MGM101H5, ~~MGT120H5~~, and MGT120H5
 - (ECO101H5 and ECO102H5) or ECO100Y5
 - MAT133Y5 or MAT133Y1 or MAT135Y5 or (~~both~~ MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)
- A weighted average of the grades earned in ~~ECO100Y5~~, MGM101H5 ~~and~~, MGT120H5 ~~and~~ [, (ECO101H5 and ECO102H5) or ECO100Y5] ~~and~~ [MAT133Y5 or MAT133Y1 or MAT135Y5 or (~~both~~ MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)] 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: ~~Other~~

- Applicants with transfer credits for the following prerequisite courses will be assigned ~~assessed on~~ a 63% for each applicable transfer credit for program admission:
 - MGM101H5 and MGT120H5;
 - (ECO101H5 and ECO102H5) or ECO100Y5;
 - MAT133Y5 or MAT133Y1 or MAT135Y5 or (MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)
- Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead ~~ease-by-case basis~~.

Application for admission to the program for all students is made during the Subject POST request periods.

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 MAT133Y1 ~~or~~ ~~MAT135H5, MAT136H5~~ MAT135Y5 or (MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1 ~~equivalent~~)

Higher Years (4.5 credits):

1. ECO220Y5 or ~~ECO227Y5~~ or (~~STA250H1, STA256H5~~/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. Split ECO100Y5 into two half courses, ECO101H5 and ECO102H5 as a result of the change proposed by the Economics Department.
2. In order to clarify departmental processes related to transfer credits, a revised statement has been inputted into the academic calendar.
3. Removed description about when admission process will be active.
4. Removed STA250H1, STA256H5 as an acceptable combination in place of ECO220Y5
5. Added MAT133Y1 and MAT135H1 and MAT136H1 as acceptable to meet the MAT133Y5 requirement

Rationale:

1. ECO Split - At the previous curriculum meeting, ECO proposed ECO100Y5 be split into ECO101H5 and ECO102H5. As the Commerce and Management programs share this course, this change is also required to these programs.
2. Transfer Credits - In order to provide further clarity to students with transfer credits, a revised statement has been added that explains the internal procedure for program admission.
3. Removed Active Dates - Removed description as to when the *new program admission will be active as the admission process will have been active for one year already.
4. Removed STA250H1, STA256H5 combination for ECO220Y5 as STA250H1 is no longer offered.
5. The Department of Management currently accepts MAT133Y1 and MAT135H1 and MAT136H1 in lieu of MAT133Y5. This is being added to minimize uncertainty.

Impact:

Information regarding transfer credits will be communicated to students and the Registrar's office. Currently in the transfer credit letter, the following is stated "You have received Management-related transfer credit. If you are planning to apply for a related Subject POSt, it is highly recommended that you contact the Management Advisor (mgtadvisor@utoronto.ca) to enquire how these credits can affect your application. Please note that Commerce or Management is not a direct entry program and all students need to apply to their intended Specialist/Major at the end of first year."
There are no other impacts to other departments or students.

Consultation:

1. The ECO Department consulted the Management Department on the ECO Split.
2. The Department discussed with internal stakeholders in addition to the Registrar's office.
- 3/4/5 The Department discussed with internal stakeholders including the Directors, Chair and Advisor

Resource Implications:

None.

Commerce - Specialist (BCom)

Enrolment Requirements:

Limited Enrolment — ~~Note: The following admission requirements will be in effect for students enrolling to the program in Spring 2021. For students enrolling during the Spring 2020 enrolment period, please consult the 2019–2020 Academic Calendar.~~ 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: ~~ECO100Y5~~; MGM101H5 and; MGT120H5; and [(ECO101H5 and ECO102H5) or ECO100Y5] and [MAT133Y5 or MAT133Y1 or MAT135Y5 or (~~both~~ MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)]
- A weighted average of the grades earned in ~~ECO100Y5~~; MGM101H5 and; MGT120H5 and [; (ECO101H5 and ECO102H5) or ECO100Y5] and [MAT133Y5 or MAT133Y1 or MAT135Y5 or (~~both~~ MAT135H5 and MAT136H5)]

or (MAT135H1 and MAT136H1)] 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: Other

- Applicants with transfer credits for the following prerequisite courses will be assigned **assessed on** a 63% for each applicable transfer credit for program admission:
 - MGM101H5 and MGT120H5;
 - (ECO101H5 and ECO102H5) or ECO100Y5;
 - MAT133Y5 or MAT133Y1 or MAT135Y5 or (MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)
- Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead **ease-by-ease basis**.

Application for admission to the program is made during the Subject POST request periods for all students.

Enrolment in 200+ level MGT courses is restricted to students enrolled in a ~~the~~ Commerce Program Programs.

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~~ ~~MAT135H5, MAT136H5~~/MAT135Y5 or (MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1 **equivalent**)

Higher Years:

Management (5.0 credits):

1. MGT220H5 ~~and~~; MGT223H5 ~~and~~; MGT231H5 ~~and~~; MGT232H5
2. 1.0 credit from: MGT300H5 or ~~MGT200H5~~; MGT201H5 ~~or~~; MGT252H5 ~~or~~; MGT260H5 ~~or~~; MGT262H5 ~~or~~; MGT270H5 ~~or~~; MGT353H5 ~~or~~; MGT363H5 or (~~;~~ MGT371H5 ~~or~~ ~~MGT422H5~~) ~~or~~; MGT374H5 ~~or~~; MGT393H5
3. **Additional** 1.0 credit in MGT at the 400 level
4. **Additional** 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 (~~STA250H1, STA256H5~~/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 of which may be a course in Economic History

Description of Proposed Changes:

1. Split ECO100Y5 into two half courses, ECO101H5 and ECO102H5 as a result of the change proposed by the Economics Department.

2. In order to clarify departmental processes related to transfer credits, a revised statement has been inputted into the academic calendar.
3. Removed description about when admission process will be active.
4. Removed STA250H1, STA256H5 as an acceptable combination in place of ECO220Y5.
5. Added MAT133Y1 and MAT135H1 and MAT136H1 as acceptable to meet the MAT133Y5 requirement.
6. Re-coded MGT200 Presentation Skills for Management to a 300-level course.

Rationale:

1. ECO Split - At the previous curriculum meeting, ECO proposed ECO100Y5 be split into ECO101H5 and ECO102H5. As the Commerce and Management programs share this course, this change is also required to these programs.
2. Transfer Credits - In order to provide further clarity to students with transfer credits, a revised statement has been added that explains the internal procedure for program admission.
3. Removed Active Dates - Removed description as to when the *new program admission will be active as the admission process will have been active for one year already.
4. Removed STA250H1, STA256H5 combination for ECO220Y5 as STA250H1 is no longer offered.
5. The Department of Management currently accepts MAT133Y1 and MAT135H1 and MAT136H1 in lieu of MAT133Y5. This is being added to reduce uncertainty.
6. This course is being recoded from a 200-level course to a 300-level course in order to increase the number of 300 level courses a student takes in their program. In addition, due to timing students won't have space until 3rd year to enrol in this course in other programs.

Impact:

Information regarding transfer credits will be communicated to students and the Registrar's office. Currently in the transfer credit letter, the following is stated "You have received Management-related transfer credit. If you are planning to apply for a related Subject POSt, it is highly recommended that you contact the Management Advisor (mgtadvisor@utoronto.ca) to enquire how these credits can affect your application. Please note that Commerce or Management is not a direct entry program and all students need to apply to their intended Specialist/Major at the end of first year."
There are no other impacts to other departments or students.

Consultation:

1. The ECO Department consulted the Management Department on the ECO Split.
2. The Department discussed with internal stakeholders in addition to the Registrar's office.
- 3/4/5 The Department discussed with internal stakeholders including the Directors, Chair and Advisor
4. The Professor was consulted in addition to the Director, Chair, and Advisor.

Resource Implications:

None.

Commerce: Accounting - Specialist (BCom)

Enrolment Requirements:

Limited Enrolment — ~~Note: The following admission requirements will be in effect for students enrolling to the program in Spring 2021. For students enrolling during the Spring 2020 enrolment period, please consult the 2019-2020 Academic Calendar.~~ 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; ~~MGT120H5;~~ and MGT120H5
 - ~~(MAT133Y5 or MAT133Y1 or MAT135Y5 or (both MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1))~~
- A weighted average of the grades earned in [~~(ECO101H5 and ECO102H5) or~~ ECO100Y5] ~~and;~~ MGM101H5 ~~and;~~ MGT120H5 ~~and [;~~(MAT133Y5 or MAT133Y1 or MAT135Y5) or ~~(both MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)]~~ 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.

- Applicants with transfer credits for the following prerequisite courses will be assigned ~~assessed on~~ a 63% for each applicable transfer credit for program admission: MAT133Y5 or MAT133Y1 or MAT135Y5 or (MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)
- Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead ~~case-by-case basis~~.

Application for admission to the program is made during the Subject POST request periods for all students.

Completion Requirements:

This program leads to the Bachelor of Commerce degree. This program has a total of ~~17.5~~ ~~16.5~~ credits.

First Year (3.0 credits):

1. MGM101H5 and; MGT120H5
2. (ECO101H5 and ECO102H5) or; ECO100Y5
3. ; MAT133Y5 or MAT133Y1 or ~~MAT135H5, MAT136H5~~/MAT135Y5 or (MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1 ~~equivalent~~)

Higher Years :

Management requirements: (~~10.0~~ ~~9.0~~ 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; ~~MGT426H5~~; 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 (~~STA250H1, STA256H5~~/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
~~credit~~

Description of Proposed Changes:

1. Split ECO100Y5 into two half courses, ECO101H5 and ECO102H5 as a result of the change proposed by the Economics Department.
2. In order to clarify departmental processes related to transfer credits, a revised statement has been inputted into the academic calendar.
3. Removed description about when admission process will be ~~ag~~ative.

4. Removed STA250H1, STA256H5 as an acceptable combination in place of ECO220Y5.
5. Added MAT133Y1 and MAT135H1 and MAT136H1 as acceptable to meet the MAT133Y5 requirement.
6. Added MGT300H5 as a mandatory course in the accounting stream.
7. Created elective group of MGT201H5 (Coding for Business), MGT262H5 (Psychology at Work) and MGT324H5 (Financial Report Analysis and Valuation). Students will be expected to take 0.5 from the following list.
8. Recoded MGT426H5 Advanced Accounting to MGT326H5 Advanced Accounting to encourage students to take this course in 3rd year and free up space in 4th year.

Rationale:

1. ECO Split - At the previous curriculum meeting, ECO proposed ECO100Y5 be split into ECO101H5 and ECO102H5. As the Commerce and Management programs share this course, this change is also required to these programs.
2. Transfer Credits - In order to provide further clarity to students with transfer credits, a revised statement has been added that explains the internal procedure for program admission.
3. Removed Active Dates - Removed description as to when the *new program admission will be active as the admission process will have been active for one year already.
4. Removed STA250H1, STA256H5 combination for ECO220Y5 as STA250H1 is no longer offered.
5. The Department of Management currently accepts MAT133Y1 and MAT135H1 and MAT136H1 in lieu of MAT133Y5. This is being added to reduce uncertainty.
6. Addition of MGT300H5 - As proposed at the previous curriculum meeting, the Department of Management is proposing the addition of MGT300H5 Presentation Skills for Management to the accounting program. This course provides students with the tools needed to become effective presenters and communicators in various contexts. Faculty members agree students would immensely benefit from improving their oral communication skills as this is often a skill students have difficulty with. This course will also better prepare students for their 4th year courses. This course is also in alignment with the Accounting Program Level Outcomes.
7. Addition of Elective Group - As proposed at the previous curriculum meeting, the Department is also proposing an addition of an elective group of courses. Students will have the option to select MGT201H5 Coding for Business which is becoming increasingly important in the Accounting field with current importance placed upon data analysis; MGT262H5 which provides students the ability to explore relevant problems confronting management including motivation, influence, communication, supervision, decision-making, and work force diversity; and MGT324H5 where students will learn to understand the firm's operating environment and opportunities; assess the availability and quality of the firm's financial information; be prepared to adjust the financial numbers when required; and perform analysis and make forecasts to support their decision making.
The flexibility in these options allows students to select which course topic they might be interested in.
8. Recoding MGT426H5 - The Department is proposing recoding MGT426H5 Advanced Accounting to MGT326H5 Advanced Accounting to encourage students to take this course in 3rd year and free up space in 4th year. By the end of 2nd year, students have all the prerequisites they need. This will also free up some space for students in their 4th year.

Impact:

Information regarding transfer credits will be communicated to students and the Registrar's office. Currently in the transfer credit letter, the following is stated "You have received Management-related transfer credit. If you are planning to apply for a related Subject POSt, it is highly recommended that you contact the Management Advisor (mgtadvisor@utoronto.ca) to enquire how these credits can affect your application. Please note that Commerce or Management is not a direct entry program and all students need to apply to their intended Specialist/Major at the end of first year."
Students will be informed of the MGT426H5 recoding through various channels.

Consultation:

1. The Economics department consulted with the Commerce department regarding the split of ECO100Y5.
2. Transfer Credits - The Department consulted with internal stakeholders and the Registrar's Office.
- 3/4/5 - The Department consulted the Director, Chair and Advisor.
- 6/7 Addition of MGT300H5 & Addition of Elective Group : The Department consulted internal stakeholders including Faculty and the Program Chair. This proposal was also previously presented at the Curriculum Meeting for feedback.
8. Recoding MGT426H5 - The Department consulted with the Program Advisor and Faculty Member to determine the change would have no impact on students or curriculum.

Resource Implications:

The addition of MGT300H5 to the Accounting Program will have resource implications as additional course sections will be required. Resource implication forms and TA Rational Forms have been submitted.

Enrolment Requirements:

Limited Enrolment — ~~Note: The following admission requirements will be in effect for students enrolling to the program in Spring 2021. For students enrolling during the Spring 2020 enrolment period, please consult the 2019–2020 Academic Calendar.~~ 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:
 - ~~ECO100Y5~~, MGM101H5 and; MGT120H5
 - (ECO101H5; and ECO102H5) or ECO100Y5
 - (MAT133Y5 or MAT133Y1 or MAT135Y5) or (~~both~~ MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)
- A weighted average of the grades earned in ~~ECO100Y5~~, MGM101H5 and; MGT120H5 and [(ECO101H5 and ECO102H5) or ECO100Y5] and [, (MAT133Y5 or MAT133Y1 or MAT135Y5 or (~~both~~ MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1) 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: ~~Other~~

- Applicants with transfer credits for the following prerequisite courses will be assigned ~~assessed on~~ a 63% for each applicable transfer credit for program admission:
 - MGM101H5 and MGT120H5;
 - (ECO101H5 and ECO102H5) or ECO100Y5;
 - MAT133Y5 or MAT133Y1 or MAT135Y5 or (MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)
- Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead ~~ease-by-case basis~~.

Application for admission to the program is made during the Subject POSt request periods for all students.

Completion Requirements:

This program leads to the Bachelor of Commerce degree. This program has a total of 15.5 credits.

First Year (3.0 ~~3~~ credits) :

1. MGM101H5 and; MGT120H5
2. (ECO101H5 and ECO102H5) or; ECO100Y5
3. ; MAT133Y5 or MAT133Y1 or ~~MAT135H5, MAT136H5~~/MAT135Y5 or (MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1 ~~equivalent~~)

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; 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 (~~STA250H1, STA256H5~~/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. Split ECO100Y5 into two half courses, ECO101H5 and ECO102H5 as a result of the change proposed by the Economics Department.
2. In order to clarify departmental processes related to transfer credits, a revised statement has been inputted into the academic calendar.
3. Removed description about when admission process will be active.
4. Removed STA250H1, STA256H5 as an acceptable combination in place of ECO220Y5.
5. Added MAT133Y1 and MAT135H1 and MAT136H1 as acceptable to meet the MAT133Y5 requirement.

Rationale:

1. ECO Split - At the previous curriculum meeting, ECO proposed ECO100Y5 be split into ECO101H5 and ECO102H5. As the Commerce and Management programs share this course, this change is also required to these programs.
2. Transfer Credits - In order to provide further clarity to students with transfer credits, a revised statement has been added that explains the internal procedure for program admission.
3. Removed Active Dates - Removed description as to when the *new program admission will be active as the admission process will have been active for one year already.
4. Removed STA250H1, STA256H5 combination for ECO220Y5 as STA250H1 is no longer offered.
5. The Department of Management currently accepts MAT133Y1 and MAT135H1 and MAT136H1 in lieu of MAT133Y5. This is being added to reduce uncertainty.

Impact:

Information regarding transfer credits will be communicated to students and the Registrar's office. Currently in the transfer credit letter, the following is stated "You have received Management-related transfer credit. If you are planning to apply for a related Subject POSt, it is highly recommended that you contact the Management Advisor (mgtadvisor@utoronto.ca) to enquire how these credits can affect your application. Please note that Commerce or Management is not a direct entry program and all students need to apply to their intended Specialist/Major at the end of first year."

There are no other impacts to other departments or students.

Consultation:

1. The ECO Department consulted the Management Department on the ECO Split.
2. The Department discussed with internal stakeholders in addition to the Registrar's office.
- 3/4/5 The Department discussed with internal stakeholders including the Directors, Chair and Advisor

Resource Implications:

None.

Human Resource Management - Specialist (BBA)

Enrolment Requirements:

Limited Enrolment — ~~Note: The following admission requirements will be in effect for students enrolling to the program in Spring 2021. For students enrolling during the Spring 2020 enrolment period, please consult the 2019–2020 Academic Calendar.~~ 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:
 - ~~ECO100Y5~~, MGM101H5, ~~MGM102H5~~, and MGM102H5
 - (ECO101H5 and ECO102H5) or ECO100Y5
 - MAT133Y5 or MAT133Y1 or MAT135Y5 or (~~both~~ MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)
- A weighted average of the grades earned in ~~ECO100Y5~~, MGM101H5 and, MGM102H5 and [, (ECO101H5 and ECO102H5) or ECO100Y5] and [MAT133Y5 or MAT133Y1 or MAT135Y5 or (~~both~~ MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)] 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: Other

- Applicants with transfer credits for the following prerequisite courses will be assigned ~~assessed on~~ a 63% for each applicable transfer credit for program admission:
 - MGM101H5 and MGM102H5;
 - MAT133Y5 (or equivalent) ;
 - (ECO101H5 and ECO102H5) or ECO100Y5
- Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead ~~ease-by-case basis~~.

Application for admission to the program is made during the Subject POST request periods for all students.

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 ~~MAT135H5, MAT136H5~~/MAT135Y5 or (MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1 ~~equivalent~~)

It is recommended that students interested in pursuing this program consider completing SOC100H5 to ensure access to some upper year SOC courses to fulfill the 1.5 Electives Program Requirement listed below.

Higher Years (12.0 credits):

- Core courses (1.5 credits): MGT262H5 and; MGT270H5 and MGT492H5; ~~MGM400H5~~
- Management Disciplines (8.5 credits): (~~MGM221H5 or~~MGT120H5) 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 ~~Electives (select 1.5 credits)~~: ANT350H5 and; ~~ECO261H5~~; HIS313H5 and; HIS314H5 and; SOC227H5 and; SOC236H5 and; SOC263H5 and; SOC361H5 and; WGS210H5 and; MGT461H5 and; MGT463H5 and; MGT467H5
- 0.5 credit in MGT or MGM at the 200/300/400 level

Please note enough space is reserved each year in MGT480H5 to accommodate the full HRM cohort.

Description of Proposed Changes:

1. Split ECO100Y5 into two half courses, ECO101H5 and ECO102H5 as a result of the change proposed by the Economics Department.
2. In order to clarify departmental processes related to transfer credits, a revised statement has been inputted into the academic calendar.
3. Added MAT133Y1 and (MAT135H1 and MAT136H1) as acceptable to meet the MAT133Y5 requirement.
4. Revise the following program requirement from “Electives (select 1.5 credits): ANT350H5, ECO261H5, HIS313H5, HIS314H5, SOC227H5, SOC236H5, SOC263H5, SOC361H5, WGS210H5, MGT461H5, MGT463H5, MGT467H5” to “Additional 1.5 credits in MGT/MGM at the 200/300/400 level, 1.0 credit must be from the following list: ANT350H5, HIS313H5, HIS314H5, SOC227H5, SOC236H5, SOC263H5, SOC361H5, WGS210H5, MGT461H5, MGT463H5, MGT467H5
5. Removed MGM400H5 Strategic Management in a Competitive Environment and replaced with MGT492H5 Introduction to Strategic Management.

Rationale:

1. ECO Split - At the previous curriculum meeting, ECO proposed ECO100Y5 be split into ECO101H5 and ECO102H5. As the Commerce and Management programs share this course, this change is also required to these programs.
2. Transfer Credits - In order to provide further clarity to students with transfer credits, a revised statement has been added that explains the internal procedure for program admission.
3. The Department of Management currently accepts MAT133Y1 and (MAT135H1 and MAT136H1) in lieu of MAT133Y5. This is being added to reduce uncertainty.
4. The Department of Management is proposing this change to allow students the flexibility to select a MGT/MGM 0.5 credit course that may be of interest to them. This will also allow students who don't have the prereq for the non-MGT/MGM courses the flexibility they need to complete this requirement.
5. MGM400H5 Strategic Management in a Competitive Environment will be replaced with MGT492H5 Introduction to Strategic Management in the Human Resources program. As confirmed by the Professors these two courses, they currently have significant overlap.

Impact:

Students will be communicated changes regarding MGM400.

Information regarding transfer credits will be communicated to students and the Registrar's office. Currently in the transfer credit letter, the following is stated "You have received Management-related transfer credit. If you are planning to apply for a related Subject POST, it is highly recommended that you contact the Management Advisor (mgtadvisor@utoronto.ca) to enquire how these credits can affect your application. Please note that Commerce or Management is not a direct entry program and all students need to apply to their intended Specialist/Major at the end of first year."

Consultation:

1. The ECO Department consulted the Management Department on the ECO Split.
2. The Department discussed with internal stakeholders in addition to the Registrar's office.
3. The Department discussed with internal stakeholders including the Directors, Chair and Advisor
4. The HR Faculty were consulted on change 4 and 5.

Resource Implications:

MGT492H5 may require an additional course section as MGM400H5 will be retired. Resource implication form and TA Rationale form has been submitted.

Management - Major (BBA)

Enrolment Requirements:

Limited Enrolment — **Note: The following admission requirements will be in effect for students enrolling to the program in Spring 2021. For students enrolling during the Spring 2020 enrolment period, please consult the 2019–2020 Academic Calendar.** 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:
 - ~~ECO100Y5~~, MGM101H5, ~~MGM102H5~~, and ~~MGM102H5~~
 - (ECO101H5 and ECO102H5) or ECO100Y5
 - MAT133Y5 or MAT133Y1 or MAT135Y5 or (~~both~~ MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)
- A weighted average of the grades earned in ~~ECO100Y5~~, MGM101H5 and, ~~MGM102H5~~ and [, (ECO101H5 and ECO102H5) or ECO100Y5] and [MAT133Y5 or MAT133Y1 or MAT135Y5 or (~~both~~ MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)] 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: Other

- Applicants with transfer credits for the following prerequisite courses will be assigned ~~assessed on~~ a 63% for each applicable transfer credit for program admission:
 - MGM101H5 and MGM102H5;
 - MAT133Y5 (or equivalent) ;
 - (ECO101H5 and ECO102H5) or ECO100Y5
- Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead ~~ease-by-ease basis~~.

Application for admission to the program is made during the Subject POST request periods for all students.

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 ~~MAT135H5, MAT136H5~~ MAT135Y5 or (MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)

(MAT135H1 and MAT136H1 equivalent)

Higher Years (6.0 credits):

- Core courses (1.5 credits): MGT262H5 and, MGT270H5 and MGT492H5, ~~MGM400H5~~
- Management Disciplines (3.0 credits): (~~MGM221H5~~/MGT120H5 or MGM221H5) and, MGM222H5 and, MGT231H5 and, MGM390H5 and, MGT252H5, MGT371H5
- Statistics (0.5 credits): STA218H5
- Electives (~~select~~ 1.0 credit): Any 300/400-level ~~400~~ MGT/MGM courses. Cannot include any courses already used above.

~~The program requirements in effect at the time students are admitted to the program must be met in order to fulfill the degree requirements.~~

Description of Proposed Changes:

1. Split ECO100Y5 into two half courses, ECO101H5 and ECO102H5 as a result of the change proposed by the Economics Department.
2. In order to clarify departmental processes related to transfer credits, a revised statement has been inputted into the academic calendar.
3. Added MAT133Y1 and MAT135H1 and MAT136H1 as acceptable to meet the MAT133Y5 requirement.
4. Removed MGM400H5 Strategic Management in a Competitive Environment and replaced with MGT492H5 Introduction to Strategic Management.

Rationale:

1. ECO Split - At the previous curriculum meeting, ECO proposed ECO100Y5 be split into ECO101H5 and ECO102H5. As the Commerce and Management programs share this course, this change is also required to these programs.
3. Transfer Credits - In order to provide further clarity to students with transfer credits, a revised statement has been added that explains the internal procedure for program admission.
4. The Department of Management currently accepts MAT133Y1 and MAT135H1 and MAT136H1 in lieu of MAT133Y5. This is being added to minimize uncertainty.
4. MGM400H5 Strategic Management in a Competitive Environment will be replaced with MGT492H5 Introduction to Strategic Management in the Human Resources program. As confirmed by the Professors for these two courses, there is significant overlap.

Impact:

Students will be communicated the changes regarding MGM400.

Information regarding transfer credits will be communicated to students and the Registrar's office. Currently in the transfer credit letter, the following is stated "You have received Management-related transfer credit. If you are planning to apply for a related Subject POST, it is highly recommended that you contact the Management Advisor (mgtadvisor@utoronto.ca) to enquire how these credits can affect your application. Please note that Commerce or Management is not a direct entry program and all students need to apply to their intended Specialist/Major at the end of first year."

Consultation:

1. The ECO Department consulted the Management Department on the ECO Split.
2. The Department discussed with internal stakeholders in addition to the Registrar's office.
3. The Department discussed with internal stakeholders including the Directors, Chair and Advisor
4. The HR Faculty were consulted on change 4.

Resource Implications:

MGT492H5 may require an additional course section as MGM400H5 will be retired. Resource implication Form and TA Rationale form has been submitted.

Management - Specialist (BBA)

Enrolment Requirements:

Limited Enrolment — ~~Note: The following admission requirements will be in effect for students enrolling to the program in Spring 2021. For students enrolling during the Spring 2020 enrolment period, please consult the 2019–2020 Academic Calendar.~~ 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, ~~MGM102H5~~, and MGM102H5
 - [(MAT133Y5 or MAT133Y1) or MAT135Y5] or (~~both~~ MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)
- A weighted average of the grades earned in [(ECO101H5 and ECO102H5) or ECO100Y5] and ~~;~~ MGM101H5 and ~~;~~ MGM102H5 and [~~;~~ (MAT133Y5 or MAT133Y1) or MAT135Y5 or (~~both~~ MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)] 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: Other

- Applicants with transfer credits for the following prerequisite courses will be assigned ~~assessed on~~ a 63% for each applicable transfer credit for program admission:
 - MAT133Y5 (or equivalent) ;
 - MGM101H5 or MGM102H5;
 - (ECO101H5 and ECO102H5) or ECO100Y5
- Students can choose to retake these courses at UofT and their UofT grade will be considered in their weighted average instead ~~ease-by-case basis~~.

Application for admission to the program is made during the Subject POST request periods for all students.

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 MAT133Y1 or ~~MAT135H5, MAT136H5~~/MAT135Y5 or (MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1 ~~equivalent~~)

Higher Years (10.5 credits):

- Core courses (2.0 credits): MGT260H5 and; MGT262H5 and; MGT270H5 and MGT492H5; ~~MGM400H5~~
- Management Disciplines (6.5 credits): (~~MGM221H5~~/MGT120H5 or MGM221H5) 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 (~~select~~ 1.5 credits): Any 300/400-level ~~400~~ MGT or/MGM courses. Cannot include any courses already used above.

NOTE: We recommend that students in the Management Specialist with the required prerequisites consider completing an Economics Minor program.

Description of Proposed Changes:

1. Split ECO100Y5 into two half courses, ECO101H5 and ECO102H5 as a result of the change proposed by the Economics Department.
2. In order to clarify departmental processes related to transfer credits, a revised statement has been inputted into the academic calendar.
3. Added MAT133Y1 and MAT135H1 and MAT136H1 as acceptable to meet the MAT133Y5 requirement
4. Removed MGM400H5 Strategic Management in a Competitive Environment and replaced with MGT492H5 Introduction to Strategic Management.

Rationale:

1. ECO Split - At the previous curriculum meeting, ECO proposed ECO100Y5 be split into ECO101H5 and ECO102H5. As the Commerce and Management programs share this course, this change is also required to these programs.
3. Transfer Credits - In order to provide further clarity to students with transfer credits, a revised statement has been added that explains the internal procedure for program admission.
3. The Department of Management currently accepts MAT133Y1 and MAT135H1 and MAT136H1 in lieu of MAT133Y5. This is being added to minimize uncertainty.
4. MGM400H5 Strategic Management in a Competitive Environment will be replaced with MGT492H5 Introduction to Strategic Management in the Human Resources program. As confirmed by the Professors for these two courses, there is significant overlap.

Impact:

Students will be communicated the changes regarding MGM400.

Information regarding transfer credits will be communicated to students and the Registrar's office. Currently in the transfer credit letter, the following is stated "You have received Management-related transfer credit. If you are planning to apply for a related Subject POST, it is highly recommended that you contact the Management Advisor (mgtadvisor@utoronto.ca) to enquire how these credits can affect your application. Please note that Commerce or Management is not a direct entry program and all students need to apply to their intended Specialist/Major at the end of first year."

Consultation:

1. The ECO Department consulted the Management Department on the ECO Split.
2. The Department discussed with internal stakeholders in addition to the Registrar's office.
3. The Department discussed with internal stakeholders including the Directors, Chair and Advisor
4. The HR Faculty were consulted on change 4.

Resource Implications:

MGT492H5 may require an additional course section as MGM400H5 will be retired. Resource implication form and TA Rationale form has been submitted.

Certificate in Effective Business Practices & Leadership Skills

Enrolment Requirements:

Limited Enrolment: Enrolment in the Certificate in Effective Business Practices & Leadership Skills is limited due to the experiential learning component. Students wishing to enrol at the end of their second year of study (minimum ~~min.~~ 7.0 credits) must have a minimum ~~min.~~ CGPA of 2.5. Please note that the CGPA requirement varies from year to ~~year~~ 2020

based on the applicant pool, but will not fall below 2.5. Additionally, students must meet the following enrolment criteria:

1. Concurrent enrolment in one of the following programs:

- Human Resource Management, Specialist (BBA) ;
- Management, Specialist (BBA) ;
- Management, Major (HBA) ;
- Commerce, Specialist (BCom) ;
- Commerce: Accounting, Specialist (BCom) ;
- Commerce: Finance, Specialist (BCom) ;
- Commerce: Marketing, Specialist (BCom) ; or
- Commerce, Major (HBA)

2. Completion of the following courses prior to request for enrolment:

- MGT231H5 - Business Finance I; and
- MGT262H5 - Psychology for Work

3. Completion of at least 15 points prior to the admission deadline in the Professional Skills Development Program with mandatory attendance at all of the following sessions:

- Career Investment Planning;
- Excel Workshop;
- Resume Critique; and
- Mock/Practice Interview

4. Submission of an application to the Department of Management for review by the Experiential Learning Officer.

5. Participation in an enrolment interview.

Completion Requirements:

Second Year:

- MGT231H5 and MGT262H5
- 15 Professional Skills Development Program points (must include Career Investment Planning Session, Momentum: Excel Workshop, Resume Critique, and Mock Interview)

Third Year:

- **MGT300H5** **MGT200H5**
- Workplace Preparation Workshop
- Work-Integrated Learning Experience (4-month placement in Summer term)

Fourth Year:

- 0.5 credit from 400-level course list: MGM464H5 or MGT430H5 or MGT433H5 or MGT434H5 or MGT437H5 or MGT455H5 or MGT463H5 or MGT491H5 or **MGT492H5** or MGT493H5 or MGT494H5
- MGT010H5 (NOTE: This is a zero-credit course)

To earn the Certificate students must concurrently be enrolled in a Commerce or Management program.

Description of Proposed Changes:

1. Modified MGT200H5 to MGT300H5 as this course is being recoded.
2. Added description to the Certificate program requirements. This is already listed as part of the admission requirements, but in order to earn the Certificate students must remain part of the Commerce/Management program for the duration of the Certificate. It is an entrance and completion requirement.
3. Addition of MGT492H5 to 400-level elective group

Rationale:

1. Modified MGT200H5 to MGT300H5 as this course is being recoded. This course has been recoded from a 200-level course to a 300-level course in order to increase the number of 300 level courses a student takes in their program. In addition, due to timing students won't have space until 3rd year to enrol in this course.
2. "To earn the Certificate students must be concurrently enrolled in a Commerce or Management program" is being added to the program requirements. This will clarify to students they need to be in either the Commerce or Management stream in order to complete the Certificate. Currently it is only listed as an admission requirement. At the end of the Certificate, students must still be in the program.
3. MGT492H2 is currently being proposed as an elective option in the Business Certificate. Practically, MGT494H5 is not always scheduled and therefore an additional elective option would benefit students. Additionally, this course is in their alignment with the Department's learning outcomes for the certificate program. This course allows students to integrate the skills and knowledge they've gained during their work-integrated experience within the classroom and apply their knowledge and skills to solve case-based problems.

Impact:

None.

Consultation:

1. The Department consulted the Professor for this course and internal stakeholders including the Chair and Advisor.
2. The Department was approached by the Registrar's Office on this point. The Department also discussed with internal stakeholders including the Directors and Chair.
3. The Department consulted the Certificate Coordinator (Professor) and internal stakeholders including the Chair and advisor.

Resource Implications:

None

Commerce and Finance: Finance - Specialist (BCom)

Enrolment Requirements:

Limited Enrolment:— **Note: The following admission requirements will be in effect for students enrolling to the program in Spring 2021. For students enrolling during the Spring 2020 enrolment period, please consult the 2019–2020 Academic Calendar.** 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:
 - ~~ECO100Y5~~, MGM101H5, ~~MGT120H5~~, and MGT120H5
 - (ECO101H5 and ECO102H5) or ECO100Y5
 - MAT133Y5 or MAT133Y1 or MAT135Y5 or (~~both~~ MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)
- A weighted average of the grades earned in ~~ECO100Y5~~, MGM101H5 and; MGT120H5 and [; (ECO101H5 and ECO102H5) or ECO100Y5] and [MAT133Y5 or MAT133Y1 or MAT135Y5 or (~~both~~ MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)] 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.

Other

- Applicants with transfer credits for prerequisite courses (MGM101H5 and MGT120H5 and [(ECO101H5 and ECO102H5) or ECO100Y5] and [MAT133Y5 or MAT133Y1 or MAT135Y5 or (MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1)]) will be assigned ~~assessed on~~ 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 ~~case-by-case basis~~.

Application for admission to the program is made during the Subject POST request periods for all students.

Completion Requirements:

This program leads to the Bachelor of Commerce ~~degree~~. This ~~degree~~. This program has a total of 16 ~~15.5~~ credits.

First Year: (3 credits):

- MGM101H5 and; MGT120H5
- (ECO101H5 and ECO102H5) or; ECO100Y5
- ~~;~~ ~~MAT133Y5/MAT135H5; MAT136H5/MAT135Y5~~ or (MAT135H5 and MAT136H5) or (MAT135H1 and MAT136H1 ~~equivalent~~)

Higher Years:

Management (8 ~~7.5~~ credits):

- MGT220H5 and; MGT252H5 and; MGT262H5
- 1.5 credits from: ~~MGT200H5;~~ MGT201H5 and; MGT223H5 and; MGT270H5 and MGT300H5 and MGT301H5 and; MGT353H5 and; MGT363H5 and; MGT341H5 and; MGT371H5 and; MGT374H5 and; MGT393H5 (cannot double count courses)
- MGT231H5 and; MGT232H5 and; MGT330H5
- 2.0 credits from: MGT430H5 and; MGT431H5 and MGT433H5 and; MGT434H5 and; MGT435H5 and MGT438H5 and MGT439H5 and; MGT440H5 and; MGT442H5 and; MGT443H5 and; MGT444H5
- Additional 0.5 credit in MGT at 300/400 level (cannot double count courses)
- Additional 0.5 credit in MGT at 400 level (cannot double count courses)

Economics (5.0 credits):

- ECO200Y5 or; ECO204Y5 or; ECO206Y5
- ~~;~~ ECO202Y5 or; ECO208Y5 or; ECO209Y5
- ECO220Y5 (70%) or; ECO227Y5 or (STA256H5 and STA258H5) or (STA256H5 and STA260H5)
- ~~;~~ ECO375H5
- Additional 1.5 credits in ECO at 300/400 level (cannot double count courses), at least one credit must be from: ECO348H5 or; ECO349H5 or; ECO352H5 or; ECO365H5 or; ECO460H5 or; ECO461H5 or; ECO463H5 or; ECO475H5

The prerequisite for ECO375H5 is a minimum of 70% obtained within ECO220Y5 .

Description of Proposed Changes:

- ECO Split - At the previous curriculum meeting, ECO proposed ECO100Y5 be split into ECO101H5 and ECO102H5. As the Commerce and Management programs share this course, this change is also required to these programs.
- Transfer Credits - In order to provide further clarity to students with transfer credits, a revised statement has been added

that explains the internal procedure for program admission.

3. Removed Active Dates - Removed description as to when the *new program admission will be active as the admission process will have been active for one year already.

4. Removed STA250H1, STA256H5 combination for ECO220Y5 as STA250H1 is no longer offered.

5. The Department of Management currently accepts MAT133Y1 and MAT135H1 and MAT136H1 in lieu of MAT133Y5. This is being added to reduce uncertainty

6. Add MGT301H5 to the elective pool

7. Change MGT200H5 to MGT300H5

8. This course was previously proposed to be removed from the Finance program (May 2020 Curriculum Meeting), however MGT438 will be needed due to the CFA mapping. The Department is proposing this course be reinstated.

9. Keep MGT433 and MGT439 as part of the elective list, even though these courses proposed to be retired. These will remain on the program list in the event students have already taken them.

Rationale:

1. ECO Split - At the previous curriculum meeting, ECO proposed ECO100Y5 be split into ECO101H5 and ECO102H5. As the Commerce and Management programs share this course, this change is also required to these programs.

2. Transfer Credits - In order to provide further clarity to students with transfer credits, a revised statement has been added that explains the internal procedure for program admission.

3. Removed Active Dates - Removed description as to when the *new program admission will be active as the admission process will have been active for one year already.

4. Removed STA250H1, STA256H5 combination for ECO220Y5 as STA250H1 is no longer offered.

5. The Department of Management currently accepts MAT133Y1 and MAT135H1 and MAT136H1 in lieu of MAT133Y5. This is being added to reduce uncertainty.

6. After several consultations with the Finance Faculty over the past year, it was determined the finance stream needs to be heavily quantitative and involve a large amount of hands-on work by the students – mainly in the field of coding. Students will learn how to write algorithms and go through the debugging process etc. These skills are become increasingly important in the field of finance as expressed by our Faculty and Alumni.

Currently students select from a bucket of electives and depending on their selection they will gain some exposure to coding in 4th year. In these courses, Faculty are required to teach introductory level coding as students haven't had previous exposure to this. As such, we are seeing some overlap in the 400-level courses because these Faculty must begin with an introduction to coding. The Department would like to introduce an additional coding course to the elective pool to allow students more exposure to these courses.

7. This course has been recoded from a 200-level course to a 300-level course in order to increase the number of 300 level courses a student takes in their program. In addition, due to timing students won't have space until 3rd year to enrol in this course.

8. Previously, this course was proposed to be removed from the Finance program. After several consultations with the Professor this course will need to be added back into the program. This course is critical to help meet CFA competencies.

9. After consultation with various stakeholders in the Department (particularly the Finance Faculty) it was determined these courses should be replaced with more relevant courses.

Impact:

Information regarding transfer credits will be communicated to students and the Registrar's office. Currently in the transfer credit letter, the following is stated "You have received Management-related transfer credit. If you are planning to apply for a related Subject POST, it is highly recommended that you contact the Management Advisor (mgtadvisor@utoronto.ca) to enquire how these credits can affect your application. Please note that Commerce or Management is not a direct entry program and all students need to apply to their intended Specialist/Major at the end of first year."

Consultation:

1. The Economics department consulted with the Commerce department regarding the split of ECO100Y5.

2. Transfer Credits - The Department consulted with internal stakeholders and the Registrar's Office.

3/4/5 - The Department consulted the Director, Chair and Advisor.

6. The Finance Faculty were consulted on the addition of MGT301H5 as an option to students.

7. The Professor was consulted on this change in addition to the Director, Chair and Advisor.

8. The Department extensively discussed with the Professor on this course and the Finance Faculty.

9. The Department consulted with various stakeholders in the Department (particularly the Finance Faculty).

Resource Implications:

As MGT301 is being added there are resource implications to this course. TA Rationale Form and Resource form attached.

2 New Courses:

MGT150H5: Financial Planning for Individuals

Contact Hours:

Lecture: 24

Description:

This course will cover personal finance topics for individuals at all stages of life. Topics include budgeting, borrowing, investing, insurance and retirement planning. Tax issues associated with these topics is also covered including the basics of personal income tax. Case studies are used extensively to illustrate the material.

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

The Department of Management is proposing a new course at the 100-level for all UTM students. Management believes this course will attract many interested students who are keen to pursue Commerce/Management but will also benefit students who are interested in learning about Financial planning for individuals. A similar course is not currently offered at the Department of Management.

Consultation:

The Department of Management consulted with the Professor who will be teaching this course in addition to the Dean's Office, Chair and Director.

Resources:

TA Resources required and classroom space. Resource implication form and TA Rationale form submitted .

MGT301H5: Coding and Data Management for Business Analytics (Accelerated)

Impact on Programs:

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

Contact Hours:

Lecture: 24 / *Practical:* 12

Description:

Targeted to business students with some programming experience, the course provides the foundation to take more advanced courses in the Department of Management that requires programming and database knowledge. Topics in this accelerated course will include data structures, algorithms, analytics (i.e. descriptive, predictive, and prescriptive) and structured query language. Students will be expected to integrate concepts from statistics as well.

Prerequisites:

Corequisites:

Exclusions:

Recommended Preparation:

Rationale:

After several consultations with the Finance Faculty over the past year, it was determined the finance stream needs to be heavily quantitative and involve a large amount of hands-on work by the students – mainly in the field of coding. Students will learn how to write algorithms and go through the debugging process etc. These skills are become increasingly important in the field of finance as expressed by our Faculty and Alumni.

Currently students select from a bucket of electives and depending on their selection they may gain some exposure to coding in 4th year. In these courses, Faculty are required to teach introductory level coding as students haven't had previous exposure to this. As such, we are seeing some overlap in the 400-level courses because these Faculty must begin with an introduction to coding.

The Department is proposing MGT301 which will provide students with more advanced skills in coding the opportunity to gain knowledge and skills in this area.

Consultation:

Several consultations with the Finance Faculty over the past year.

Resources:

Yes, TA and lab resources required. Resource Form submitted in addition to TA Rationale form.

20 Course Modifications:

MGT201H5: Coding for Business

Exclusions:

CSC108H5 or CSC108H1

Rationale:

CSC108H1 was added as an exclusion as recommended by the Professor. This course overlaps with MGT201H5.

Consultation:

The Department consulted with the Professor.

Resources:

None.

MGT211H5: Special Topics for Management

Description:

Topics and issues in Management. Content in any given year will depend on the instructor. The contact hours for this course may vary in terms of contact type (L ~~24L~~, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~12P~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:**Resources:**

MGT212H5: Special Topics for Management

Description:

Topics and issues in Management. Content in any given year will depend on the instructor. The contact hours for this course may vary in terms of contact type (L ~~24L~~, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~12P~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:**Resources:**

MGT200H5: Presentation Skills for Management

New Course Code:

MGT300H5

Exclusions:

Previous:

New: MGT200H5

Rationale:

This course has been recoded from a 200-level course to a 300-level course in order to increase the number of 300 level courses a student takes in their program. In addition, due to timing students won't have space until 3rd year to enrol in this course. The content of this course is appropriate at the 300-level,

Consultation:

The Faculty member was consulted in addition to Chair, Director and Advisor.

Resources:

None.

MGT311H5: Special Topics for Management**Description:**

Topics and issues in Management. Content in any given year will depend on the instructor. This course may include 24 practical hours. See timetable for schedule. **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.**

~~{24P}~~**Rationale:**

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:**Resources:****MGT312H5: Special Topics for Management****Description:**

Topics and issues in Management. Content in any given year will depend on the instructor. **The contact hours for this course may vary in terms of contact type (L ~~{24L}~~, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.**

~~{24P}~~**Rationale:**

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:**Resources:****MGT426H5: Advanced Accounting****New Course Code:**

MGT326H5

Exclusions:

MGT426H5 and RSM321H1

Rationale:

The Department is proposing recoding MGT426H5 Advanced Accounting to MGT326H5 Advanced Accounting to encourage students to take this course in 3rd year and free up space in 4th year. By the end of 2nd year, they have all the prerequisites they need.

Consultation:

The Department consulted the Professor, Chair and Advisor.

Resources:

None.

MGT394H5: Legal Environment of Business II

Prerequisites:

MGM390H5 or MGT393H5

Rationale:

Added MGM390H5 as an acceptable prerequisite to MGT394H5. This course is currently accepted as an acceptable prerequisite.

Consultation:

The Department consulted the Professor for MGT394H5.

Resources:

None.

MGT411H5: Special Topics in Management

Description:

Topics and issues in Management. Content in any given year will depend on the instructor. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~[24L]~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

MGT412H5: Special Topics in Management

Description:

Topics and issues in Management. Content in any given year will depend on the instructor. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~[24P]~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

MGT414H5: Special Topics in Management

Description:

Topics and issues in Management. Content in any given year will depend on the instructor. The contact hours for this course may vary in terms of contact type (L, ~~24L~~, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~12T~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

MGT415H5: Special Topics in Management

Description:

Topics and issues in Management. Content in any given year will depend on the instructor. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~36L~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

MGT416H5: Special Topics in Management

Description:

Topics and issues in Management. Content in any given year will depend on the instructor. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~24L~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

MGT417H5: Special Topics in Management

Description:

Topics and issues in Management. Content in any given year will depend on the instructor. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~[24L]~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

MGT420H5: Critical Thinking, Analysis and Decision Making II

Prerequisites:

MGT321H5 and (MGT322H5 or MGT225H5) and MGT323H5 and MGT325H5 and MGT423H5. Open only to 4th year Commerce students.

Corequisites:

Highly Recommended: MGT421H5 and MGT422H5 and (MGT326H5 or MGT426H5) and MGT429H5

Rationale:

This change is being proposed by the Professor. MGT325H5 serves as the prerequisite for MGT420H5. In essence, MGT325 serves as part 1 and MGT420 serves as part 2.

The Department is proposing recoding MGT426H5 Advanced Accounting to MGT326H5 Advanced Accounting to encourage students to take this course in 3rd year and free up space in 4th year. By the end of 2nd year, they have all the prerequisites they need.

Consultation:

The Department consulted with the Professor.

Resources:

None.

MGT422H5: Information Systems and Technology, and IT Assurance

Title:

Previous: Information Systems and Technology , and IT Assurance

New: Advanced IT Audit and Data Analytics

Contact Hours:

Previous: *Lecture:* 24

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

Description:

Previous: Initially the course introduces core concepts in developing, implementing and using information systems in an organization, as well as the business issues that arise from the use of technology . The course then focuses on how information systems impact the audit process and the techniques that auditors must utilize in assessing IT / IS controls and systems. [24L]

New:

This course is an extension of the study of areas covered in the introductory audit course and will include the application of risk and materiality to more advanced topic areas with a focus on digitized information . Other topics include special reports, future-oriented financial information and prospectuses. The course will incorporate the use of data analytics in auditing and will explore how to analyze financial data in order to assist in audit engagements. < / p>

Rationale:

Due to changes in the Accounting stream, the Professor is proposing the following changes. CPA has recently introduced data analytics as part of their competency map and in combination with MGT270 and MGT422, UTM is meeting CPA competency requirements. Changes to the course description and title are also being proposed to make the course more relevant and up-to-date.

Consultation:

The Department consulted with the Professor. Changes being made to this course are consistent with what is taking place at Rotman. The Professor also consulted members of the Rotman community.

Resources:

Additional TA resources will be required in addition to classroom space for the tutorial. Resource Implications Form and TA rationale form submitted.

MGT443H5: Topics in Asset Pricing**Recommended Preparation:**

STA258H5 and MGT201H5 and MGT330H5

Rationale:

As recommended by the Professor, MGT201 will become a recommended prereq in 2021/2022. MGT201 provides foundational knowledge and skills in the field of coding which will prepare students for this course.

Consultation:

The Department consulted with the Professor.

Resources:

None.

MGT452H5: Marketing and Behavioural Economics**Prerequisites:**

Previous: MGT353H5

New: MGT252H5 and 1.0 credit in MGT or MGM credit at the 300 or 400 level .

Rationale:

As confirmed by the Professor, MGT353H5 is not required for successful completion of MGT452H5. MGT252H5 in addition to upper year Business courses (at least 1.0) will adequately prepare students for this course.

Consultation:

The Department consulted with the Professor for this course.

Resources:

None.

MGT454H5: Special Topics in Marketing**Description:**

This course focuses on a specific theoretical or functional area of marketing. The area of concentration depends on the instructor. Examples of areas that may be covered include current issues in consumer behaviour, advertising, industrial marketing, or retailing. **The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.**

~~[24L]~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

MGT458H5: Big Data and Marketing Analysis

Prerequisites:

1.0 credit in MGT or MGM at the 300 or/400 level. ~~credit.~~

Rationale:

In order to provide clarification to students the addition of MGT/MGM is being added. It is recommended that students have some business foundational knowledge and skills prior to registering in this course.

Added SSC for distribution requirement - Social Science distribution requirement was missing.

Consultation:

The Department consulted the Professor regarding this change.

Resources:

None.

4 Retired Courses:

MGM400H5: Strategic Management in a Competitive Environment

Rationale:

MGM400H5 Strategic Management in a Competitive Environment will be replaced with MGT492H5 Introduction to Strategic Management in the Human Resources program. As confirmed by the Professors for these two courses, they have significant overlap.

Consultation:

The Department consulted with the Chair, both Professors and Director.

MGT130H5: Introduction to Personal Finance

Rationale:

This course will no longer be offered by the Department of Management. This course does not belong to a particular program.

Consultation:

The Dean's Office and internal stakeholders were consulted.

MGT433H5: Financial Management

Rationale:

The Department of Management is proposing the removal of MGT433H5 Financial Management. After consultation with various stakeholders in the Department (particularly the Finance Faculty) it was determined these courses should be replaced with more relevant courses. The removal of this course will not impact the CFA mapping.

Consultation:

The Department consulted with various stakeholders in the Department (particularly the Finance Faculty)

MGT439H5: International Finance

Rationale:

The Department of Management is proposing the removal of MGT439H5 International Finance. After consultation with

various stakeholders in the Department (particularly the Finance Faculty) it was determined these courses should be replaced with more relevant courses.

Consultation:

The Department consulted with various stakeholders in the Department (particularly the Finance Faculty)

2 Course Modifications:

IMI301H5: Essentials of Finance

Contact Hours:

Previous: *Lecture:* 24

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

Rationale:

Students suggested in the course evaluations. Also, an introductory course in finance always have tutorials as this is prevalent in all our undergraduate courses whether at UTM, St. George or Scarborough. Even a similar course offered to Engineering students have tutorials as well. By not having tutorials will be detrimental to the learning experience as the process in practicing questions is very crucial to understanding the material. This will ensure that IMI 301 is at the same standard across U of T.

Consultation:

Resources:

TA hours. Resource Implications Form has been submitted.

IMI400H5: Innovation and Entrepreneurship

Enrolment Limits:

Please note that preference will be given to students enrolled in the Minor in Business, Science & Entrepreneurship.

Rationale:

A change of leadership in Fall 2019 coupled with a coordinated marketing drive that made use of a dedicated Quercus portal has led to expansion in the Business Minor (BM), with percentage course-capacity enrolment doubling term-over-term throughout Winter 2020 (46%) and Fall 2020 (91%)—up from 25%. This academic year already sees the BM operating close to capacity. Moreover, the enrolment figures are expected to surpass the current cap of 50 students per course in the next cycle, driven by the recent favourable curriculum changes that see ECO requirements shrink from 1.0 FCE down to 0.5 FCE, thereby removing what were perceived to be discouraging barriers to students enrolling in the BM. We therefore propose an increase in the cap from 50 to 100, in line with the anticipated demand.

Consultation:

Resources:

Resource Implications Form has been submitted.

1 New Course:

POL405Y5: Political Science Internship

Contact Hours:

Practical: 150 / *Seminar:* 18

Description:

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.

Prerequisites:

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

Corequisites:

None

Exclusions:

Other department's internship courses, including HIS498Y5 or ECO400Y5 or SOC480Y5 or JEG401Y5

Recommended Preparation:

None

Topics Covered:

Careers in government, civil society and legal sectors
Professional communications and styles of workplace writing and speaking
Workplace standards of presentation and communication
Labour and workplace fairness
The future of work
Work and well-being

Methods of Assessment:

Students will be assessed through standardized reports from the placement organization, written reflections, and oral presentations.

Rationale:

The internship program will serve to tie together the academic content of the major/specialist in POL with career opportunities available. Students will have the chance to intern for an organization related to political life inside of defined parameters, supervised by a POL faculty member, with opportunities to reflect on and build workplace skills as well as political knowledge. Written and oral reflections will tie together academic knowledge in POL with the goals and mission of the student's assigned organization.

Consultation:

Political Science has been attempting to design this course for three years. Overtime, there has been discussion with various department internship course instructors (esp. Joseph Leydon and Chris Petrakos) as well as discussions with the Dean and Vice-Dean, Teaching and Learning. The department went through an external review in 2017-2018 and since then there have been numerous meetings/discussions about creating a senior thesis course and senior internship course. The thesis course, POL401Y, was created in 2018 and taught in 2019-2020. No faculty were capable of teaching an internship course

so in 2019-2020 the department was granted permission to search for an Assistant Professor, Teaching Stream in public policy to aid the department in experiential learning and this internship course. Dr. Naomi Adiv was hired and starting in July 1, 2020. She will teaching this course moving forward. She has experience teaching similar courses.

Resources:

We have faculty (Naomi Adiv). No TA is required. We have a staff member who is prepared to help with placement contracts. There is no equipment or computing resources required.

14 Course Modifications:

POL114H5: Politics in the Global World

Title:
Politics in a ~~the~~ Global World

Rationale:
The original title is grammatically questionable and stylistically awkward.

Consultation:

Resources:
No changes.

POL402H5: Topics in Political Science

Description:
Content of course will vary from year to year. Consult the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.
~~{24L}~~

Prerequisites:
POL200Y5 ~~POL200Y~~ or POL208Y5 ~~POL208Y~~ or POL 214Y5 ~~214Y~~ or POL 218Y5 ~~218Y~~

Rationale:
To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

POL403H5: Topics in Political Science

Description:
Content of course will vary from year to year. Consult the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.
~~{24L}~~

Prerequisites:
POL200Y5 ~~POL200Y~~ or POL208Y5 ~~POL208Y~~ or POL214Y5 ~~POL 214Y~~ or POL218Y5 ~~POL 218Y~~

Rationale:
To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

POL438H5: Topics in Comparative Politics

Description:

Content of course will vary from year to year. Consult with the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

{24L}

Prerequisites:

Previous: POL 218Y5

New: POL218Y5

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

POL438Y5: Topics in Comparative Politics

Description:

Content of course will vary from year to year. Consult the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

{48L}

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

POL443Y5: Topics in Comparative Politics

Description:

Content of course will vary from year to year. Consult the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

{48L}

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

POL476H5: Topics in Political Economy

Description:

Content of course will vary from year to year. Consult the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~{24L}~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

POL477H5: Topics in Political Economy

Description:

Content of course will vary from year to year. Consult the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~{24L}~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

POL484Y5: Topics in Political Thought

Description:

Content of course will vary from year to year. Consult the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~{48L}~~

Prerequisites:

POL320Y5 or ~~permission~~ ~~consent~~ of the instructor

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

POL485H5: Topics in Political Thought

Description:

Content of course will vary from year to year. Consult the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~{24L}~~

Prerequisites:

POL320Y5 ~~POL320Y~~ or permission ~~consent~~ of the instructor

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

POL486Y5: Topics in International Relations

Description:

Content of course will vary from year to year. Consult the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~{48L}~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

POL487H5: Topics in International Relations

Description:

Content of course will vary from year to year. Consult the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~{24L}~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

POL490H5: Topics in Canadian Politics

Description:

Content of course will vary from year to year. Consult the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~[24L]~~

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

POL494Y5: Topics in Canadian Politics

Description:

Content of course will vary from year to year. Consult the Political Science Handbook. The contact hours for this course may vary in terms of contact type (L, S, T, P) from year to year, but will be between 24-36 contact hours in total. See the UTM Timetable.

~~[48S]~~

Prerequisites:

POL100Y5 or ~~/(POL110H5 and; POL111H5)or/~~POL214Y5

Rationale:

To allow for variability and flexibility in how this 'Special Topics' course is offered from year to year, the course description has been updated to indicate that the contact type and contact hours may vary.

Consultation:

Resources:

1 Retired Course:

POL250Y5: Methods

Rationale:

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and is no longer offered.

Consultation:

2 Program Modifications:

Criminology, Law & Society - Major (Arts)

Title:

Criminology, Law & ~~and~~ Society - Major(Arts)

Enrolment Requirements:

Limited Enrolment — Space in the Major Program in Criminology, Law & ~~and~~ Society is limited. To be considered for enrolment ~~admission~~, students must meet the following minimum criteria:

1. **Credits** : A ~~Students must have a~~ minimum of 4.0 credits.
- 2.

- Prerequisite Course(s)**): Students must have a final mark of at least 67% in their first successful attempt at UTM SOC100H5 or a final mark of at least 70% in each of SOC109H5 and 0.5 ~~credit of~~ UTM SOC ~~credit~~ at the ~~200 level~~ ~~200-level~~ or above. (See Note 1 below.)
- 3.

Cumulative Grade Point Average (CGPA): The Department of Sociology determines the ~~minimum~~ CGPA ~~annually requirement each admission period~~ in relation to the number of applicants. ~~It and it~~ is never below 2.00.

Notes Note:

1. Students who have taken SOC209H5 will use this ~~credit~~ in lieu of SOC109H5. No specific grade in SOC209H5 is required. The achieved grade in SOC209H5 will be included in the CGPA calculation used to determine admission eligibility.
2. Meeting the minimum requirements does not guarantee admission. The 2020-21 admission cut-off was set at 2.4.

Completion Requirements:

7.0 credits are required.

First Year:

- SOC100H5
- SOC109H5 or SOC209H5

Higher Years Second Year:

- SOC205H5 and
- SOC221H5 and
- SOC222H5

Higher Years:

- 1.0 credit from **Course** Group A, B, or C (below) at the 400-level ~~300 level~~
- 1.0 credit from **Course** Group A, B, or C (below) at the 300-level ~~400 level~~
- 1.0 credit from **Course** Group A, B, or C (below) at the 300- ~~300/400-level~~ ~~400 level~~
- 1.5 credits ~~additional credit~~ from **Course** Group A, B or C (below) at any level ~~SOC course not listed above~~

Note **NOTES**: The credits used

1. **Please note upper-year prerequisite requirements when choosing your courses. Students must have completed all published prerequisites in order to satisfy the higher year requirements listed above enrol in 300- and 400-level courses.**
2. **Students must include have at least 3.0 credits from **Course** Group A.**

Course Group A - Criminology, Law & Society Courses:

SOC206H5, SOC208H5, SOC211H5, SOC216H5, SOC219H5, SOC301H5, SOC303H5, SOC306H5, SOC310H5, SOC311H5, SOC312H5, SOC316H5, SOC320H5, SOC321H5, SOC322H5, SOC323H5, SOC324H5, SOC325H5, SOC326H5, SOC327H5, SOC328H5, SOC329H5, SOC330H5, SOC331H5, SOC333H5, SOC337H5, SOC338H5, **SOC339H5**, SOC346H5, SOC351H5, **SOC353H5**, SOC357H5, SOC358H5, SOC363H5, SOC365H5, SOC366H5, SOC371H5, SOC378H5, SOC379H5, SOC382H5, SOC393H5, SOC394H5, SOC401H5, SOC403H5, SOC405H5, SOC406H5, SOC420H5, SOC421H5, SOC423H5, SOC424H5, SOC429H5, SOC432H5, SOC446H5, SOC447H5, SOC448H5, SOC450H5, SOC456H5, SOC475H5, SOC493H5, SOC494H5

Course Group B - Interdisciplinary Elective Courses:

ANT205H5, ANT209H5, **ANT217H5**, ANT306H5, ANT352H5, ANT354H5, ANT369H5, ANT439H5, **FSC220H5**, FSC239Y5, FSC271H5, FSC360H5, FSC406H5 PHL246H5, PHL265H5, PHL271H5, PHL274H5, PHL275H5, PHL277Y5, PHL365H5, PHL370H5, PHL374H5, PHL376H5 **POL209H5** ~~POL208Y5~~, **POL210H5**, **POL215H5**, **POL216H5** ~~POL214Y5~~, POL310Y5, POL340Y5, POL343Y5 PSY220H5, PSY230H5, PSY240H5, PSY270H5, PSY328H5, PSY340H5, PSY341H5, PSY344H5, PSY346H5, PSY440H5, SOC231H5, SOC253H5, SOC263H5, SOC275H5, SOC302H5, SOC318H5, SOC332H5, SOC342H5, SOC348H5, **SOC350H5**, SOC359H5, SOC364H5, **SOC375H5**, SOC380H5, SOC387H5, SOC388H5, SOC425H5, SOC455H5, SOC457H5, SOC460H5, SOC463H5, WGS215H5, WGS350H5, WGS351H5, WGS365H5, WGS373H5, WGS420H5

Course Group C - Enrichment Courses:

SOC230H5, SOC299H5, SOC299Y5, SOC382H5, SOC399H5, SOC399Y5, SOC401H5, SOC403H5, SOC406H5, SOC410H5, SOC411H5, SOC412H5, SOC413H5, SOC414H5, SOC415H5, SOC416H5, SOC417H5, SOC418H5, SOC419H5, SOC420H5, SOC421H5, SOC423H5, SOC439Y5, SOC440Y5, SOC450H5, SOC452H5, SOC456H5, SOC467H5, SOC480Y5, SOC485H5, SOC499H5, SOC499Y5

Description of Proposed Changes:

This proposal revises credit distribution in higher years to include 1.0 credit from Group A, B or C. It also updates the Group A, B and C courses lists to reflect curricula changes (i.e. course additions, revisions and deletions).

N.B. Inclusion of ANT217H5 Anthropology of Law (SSC) as a Group B course approved in Oct 2017; this is a housekeeping change to add ANT217H5 to the actual Group B course list (of interdisciplinary elective options).

Rationale:

Largely to align the curricula structure between the CLS specialist major and specialist programs. Group A, B and C

updates reflect annual housekeeping.

Impact:

To clarify requirements for students and address discrepancy with CLS major. The addition of Group B interdisciplinary courses expands options for students without placing an obligation of other departments.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020

The inclusion of ANT217H5 in the Group B list was with Yen Du 15SEPT2020 and approved by Erik Schneiderhan (Assoc. Chair) 17SEPT2020.

Addition of SOC353H5 as a Group A course approved by Erik Schneiderhan (Assoc. Chair) 30SEPT2020.

Addition of SOC339H5 as a Group A course approved by Erik Schneiderhan (Assoc. Chair) 15OCT2020.

Addition of FSC220H5 as a Group B course approved by Erik Schneiderhan (Assoc. Chair) 15OCT2020.

Resource Implications:

None

Criminology, Law & Society - Specialist (Arts)

Title:

Criminology, Law & Society - Specialist (Arts)

Enrolment Requirements:

Limited Enrolment — Space in the Specialist Program in Criminology, Law & Society is limited. To be considered for enrolment admission, students must meet the following minimum criteria:

- Registration Status Eligibility** : Current enrolment Students registered in the Criminology, Law & Society Major program may apply to the Criminology, Law & Society Specialist program towards the end of Year 2.
- Credits** : A Students must have a minimum of 8.0 credits.
- Prerequisite Courses Course (s)** : (Students must have an average final mark of at least 73% in UTM SOC109H5 or SOC209H5) and, SOC205H5 and, SOC221H5 and, SOC222H5 and SOC231H5 with a minimum average of 73% across all courses. SOC209H5 will be accepted in place of SOC109H5 with no grade requirement and excluded from the calculation of minimum average of 73% across all courses.
- Cumulative Grade Point Average(CGPA)**: The Department of Sociology determines the minimum CGPA annually requirement each admission period in relation to the number of applicants. It and it is never below 2.00.

Notes Note:

- Students who have taken SOC209H5 will use this credit in lieu of SOC109H5. No specific grade in SOC209H5 is required. The achieved grade in SOC209H5 will be included in the CGPA calculation used to determine admission eligibility.
- Meeting the minimum requirements does not guarantee admission. The 2020-21 admission CGPA cut-off was set at 3.7.

Completion Requirements:

10.0 credits are required, including 5.0 credits at the 300/400 level-

First Year:

- SOC100H5
- SOC109H5 or SOC209H5

Higher Years **Second Year:**

- SOC205H5 and SOC221 and
- **SOC221H5**
- SOC222H5 and
- SOC231H5

High Years:

- SOC350H5 and
- SOC387H5 and
- SOC440Y5
- ~~3.5~~ **2.5** credits from courses listed in **Course** Group A below
- **0.5** credit ~~1.5~~ **credits** from courses listed in **Course** Group A, B below or C below **any SOC course not listed above**
- 1.0 credit from courses listed in **Course** Group C below (**in addition to SOC440Y5**)

Note **NOTES:** The credits used to satisfy the bulleted

1. **Please note upper-year prerequisite** requirements listed above when choosing your courses. **Students** must include have completed all published prerequisites in order to enrol in 300- and 400-level courses.
2. **A minimum** 3.0 credits at the 300/400 level **are required** from **Course Groups A, B, or C.**

Course Group A - Criminology, Law & Society Courses:

SOC206H5, SOC208H5, SOC211H5, SOC216H5, SOC219H5, SOC301H5, SOC303H5, SOC306H5, SOC310H5, SOC311H5, SOC312H5, SOC316H5, SOC320H5, SOC321H5, SOC322H5, SOC323H5, SOC324H5, SOC325H5, SOC326H5, SOC327H5, SOC328H5, SOC329H5, SOC330H5, SOC331H5, SOC333H5, SOC337H5, SOC338H5, **SOC339H5**, SOC346H5, SOC351H5, **SOC353H5**, SOC357H5, SOC358H5, SOC363H5, SOC365H5, SOC366H5, SOC371H5, SOC378H5, SOC379H5, SOC382H5, SOC393H5, SOC394H5, SOC401H5, SOC403H5, SOC405H5, SOC406H5, SOC420H5, SOC421H5, SOC423H5, SOC424H5, SOC429H5, SOC432H5, SOC446H5, SOC447H5, SOC448H5, SOC450H5, SOC456H5, SOC475H5, SOC493H5, SOC494H5

Course Group B - Interdisciplinary Elective Courses:

ANT205H5, ANT209H5, ANT217H5, ANT306H5, ANT352H5, ANT354H5, ANT369H5, ANT439H5, **FSC220H5**, FSC239Y5, FSC271H5, FSC360H5, FSC406H5, PHL246H5, PHL265H5, PHL271H5, PHL274H5, PHL275H5, PHL277Y5, PHL365H5, PHL370H5, PHL374H5, PHL376H5, **POL209H5**, **POL208Y5**, **POL210H5**, **POL215H5**, **POL216H5**, **POL214Y5**, POL310Y5, POL340Y5, POL343Y5, PSY220H5, PSY230H5, PSY240H5, PSY270H5, PSY328H5, PSY340H5, PSY341H5, PSY344H5, PSY346H5, PSY440H5, SOC253H5, SOC263H5, SOC275H5, SOC302H5, SOC318H5, SOC332H5, SOC342H5, SOC348H5, SOC359H5, SOC364H5, **SOC375H5**, SOC380H5, SOC388H5, SOC425H5, SOC455H5, SOC457H5, SOC460H5, SOC463H5, WGS215H5, WGS350H5, WGS351H5, WGS365H5, WGS373H5, WGS420H5

Course Group C - Enrichment Courses: SOC230H5, SOC299H5, SOC299Y5, SOC382H5, SOC399H5, SOC399Y5, SOC401H5, SOC403H5, SOC406H5, SOC410H5, SOC411H5, SOC412H5, SOC413H5, SOC414H5, SOC415H5, SOC416H5, SOC417H5, SOC418H5, SOC419H5, SOC420H5, SOC421H5, SOC423H5, SOC439Y5, **SOC440Y5**, SOC450H5, SOC452H5, SOC456H5, SOC467H5, SOC480Y5, SOC485H5, SOC499H5, SOC499Y5

Description of Proposed Changes:

This proposal revises credit distribution in higher years to include 3.5 core CLS (Group A) credits and 1.0 credit from Group A, B or C. It also updates the Group A, B and C courses lists to reflect curricula changes (i.e. course additions, revisions and deletions).

Rationale:

Largely to align the curricula structure and rectify anomalies in the Group A credit requirements between the CLS specialist major and specialist programs (introduced inadvertently 2020-21). Group A, B and C updates reflect annual housekeeping.

Impact:

To clarify requirements for students and address discrepancy with CLS major. The addition of Group B interdisciplinary courses expands options for students without placing an obligation of other departments.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.
Addition of SOC353H5 as a Group A course approved by Erik Schneiderhan (Assoc. Chair) 30SEPT2020.
Addition of FSC220H5 as a Group B course approved by Erik Schneiderhan (Assoc. Chair) 15OCT2020.
Addition of SOC339H5 as a Group A course approved by Erik Schneiderhan (Assoc. Chair) 15OCT2020.

Resource Implications:

None

2 New Courses:

SOC339H5: The Indian Act: Canadian Law, Sovereignty and Indigenous Womxn

Contact Hours:

Lecture: 24

Description:

In discussions about Indigenous Peoples and law, the Indian Act is one of the most cited pieces of Canadian legislation. From explaining the history of residential schooling to violence against Indigenous womxn, critical and Indigenous scholars turn to the Indian Act as a key source and problem space. We will center the work of Indigenous feminist scholarship to understand why scholars argue that the act is still both required and a site of contestation, violence, and genocide, and how we are each affected by its governance.

Prerequisites:

1.0 SSC credit

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

This course expands our Indigenous Studies offerings and will be taught by new Assistant Professor Yvonne Sherwood as part of her teaching portfolio. It is also designated as a CLS Group A course and fills a knowledge gap in our current CLS program. In addition, our CLS courses continue to be overenrolled and being able to mount an additional CLS course will make a small contribution to addressing that problem.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 15OCT2020.

Resources:

Resource Implications Form has been submitted.

SOC353H5: Borders and Human Rights

Contact Hours:

Lecture: 24

Description:

This course focuses on the legal construction of international borders, with an emphasis on human rights. The course investigates a range of issues, including but not limited to, the 1951 Refugee Convention and refugee movements, the limits of citizenship rights, and the merging of criminal justice and migration enforcement, including the use of detention as a migration management tool.

Prerequisites:

(SOC109H5 or SOC209H5) and (SOC205H5 or SOC231H5) and SOC221H5 and SOC222H5

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

This course is designated as a CLS Group A course and fills a knowledge gap in our current CLS program. In addition, our CLS courses continue to be overenrolled and being able to mount an additional CLS course will make a small contribution to addressing that problem.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 30SEPT2020.

Resources:

Classroom and TA support per the attached Resource Implications Form

37 Course Modifications:

SOC100H5: Introduction to Sociology

Exclusions:

~~SOC101Y5~~ or SOC100H1 or SOC101Y1 or SOC102H1 or SOC103H1 or SOCA01H3 or SOCA02H3 or SOCA03Y3

Rationale:

Removal of exclusion as excluded course deleted some years ago

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

None

SOC202H5: Cultural Sociology

Exclusions:

~~SOC302H5~~ or SOC280H1 or SOCB58H3

Rationale:

Removal of exclusion as excluded course deleted some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

None

SOC205H5: Theories in Criminology

Prerequisites:

SOC100H5 and (SOC109H5 or SOC209H5)

Exclusions:

Previous: SOC305H5

New:

Rationale:

Removal of exclusion as excluded course deleted some years ago

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

None

SOC208H5: Crime and Organizations

Prerequisites:

SOC100H5 and (SOC109H5 or SOC209H5)

Rationale:

Clarification of pre-requisites.

Consultation:

Resources:

SOC211H5: Law and Social Control

Prerequisites:

SOC100H5 and (SOC109H5 or SOC209H5)

Exclusions:

~~SOC212Y1~~ or SOC212H1 or SOCB50H3 or SOCB51H3

Rationale:

Removal of exclusion as excluded course deleted some years ago

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

None

SOC216H5: Sociology of Law

Prerequisites:

SOC100H5 and (SOC109H5 or SOC209H5)

Exclusions:

~~SOC213Y1~~ or CRI215H1

Rationale:

Removal of exclusion as excluded course deleted some years ago

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

None

SOC219H5: Gender and Crime

Prerequisites:

SOC100H5 and (SOC109H5 or SOC209H5)

Rationale:

Clarification of pre-requisites.

Consultation:

Resources:

SOC221H5: The Logic of Social Inquiry

Exclusions:

~~SOC200Y5~~ or ~~SOC200Y1~~ or SOC200H1 or SOCB05H3 or SOC150H1 or SOC204H1

Rationale:

Removal of exclusions as excluded courses deleted some years ago

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

None

SOC222H5: Measuring the Social World

Exclusions:

Previous: SOC200Y5 or SOC200Y1 or SOC202H1

New: SOC202H1

Rationale:

Removal of exclusions as excluded courses deleted some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

None

SOC227H5: Sociology of Work and Occupations

Exclusions:

~~SOC207Y5~~ or ~~SOC207Y1~~ or SOC207H1 or SOCB54H3

Rationale:

Removal of exclusions as excluded courses deleted some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

SOC231H5: Classical Sociological Theory

Exclusions:

Previous: SOC314Y5 or SOC203Y1 or SOC201H1

New: SOC201H1

Rationale:

Removal of exclusions as excluded courses deleted some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

SOC236H5: Globalization

Exclusions:

Previous: SOC277Y5

New:

Rationale:

Removal of exclusion as excluded course deleted some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

SOC239H5: Sociology of Health and Illness

Exclusions:

SOC243H1 ~~or~~ SOC242Y1

Rationale:

Removal of exclusion as excluded course deleted some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

SOC244H5: Sociology of Families

Exclusions:

~~SOC214Y5 or SOC214Y1~~ or SOC214H1 or SOCB49H3

Rationale:

Removal of exclusions as excluded courses deleted some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

SOC263H5: Social Inequality

Exclusions:

~~SOC301Y5~~ or SOC363H5 or SOC220H1 or SOCB47H3

Rationale:

Removal of exclusion as excluded course deleted some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

SOC275H5: Sociology of Gender

Exclusions:

~~SOC365H5~~ or SOC265H1 or SOCB22H3 or SOCC24H3

Rationale:

Removal of exclusion as excluded course deleted some years ago and the course code has been reallocated.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

SOC309H5: Sociology of Mass Communication

Exclusions:

Previous: SOC309Y5

New:

Rationale:

Removal of exclusion as excluded course deleted some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:**SOC317H5: Shopping and Society****Exclusions:**

Previous: SOC217H5

New:

Rationale:

Removal of exclusion as excluded course deleted some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:**SOC321H5: Law & Rights****Prerequisites:**

(SOC109H5 or SOC209H5) and(SOC205H5 or SOC231H5)and SOC221H5 and SOC222H5

Rationale:

Correction to reflect standard CLS prerequisites.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

None

SOC325H5: Law and Social Theory**Exclusions:**

Previous: SOC346H5 Special Topics in Crime and Law: Human Rights and Security (Fall 2015)

New:

Rationale:

Removal of exclusion as excluded special topic offered some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:**SOC328H5: Drugs in the City****Exclusions:**

Previous: SOC421H5 (Fall 2014)

New:

Rationale:

Removal of exclusion as excluded seminar topic offered some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

SOC329H5: Law & Social Movements

Prerequisites:

(SOC109H5 or SOC209H5) and(SOC205H5 or SOC231H5)and SOC221H5 and SOC222H5

Exclusions:

SOC446H5 ~~SOC446H5S~~ Advanced Topics in Criminology, Law and Society:Law and Social Movements(Winter 2020)

Rationale:

Correction to reflect standard CLS prerequisites.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

None

SOC331H5: Gender and Criminal Justice

Prerequisites:

(SOC109H5 or SOC209H5 ~~SOC205H5 or SOC231H5~~)and (SOC205H5 or SOC231H5) and SOC221H5 and SOC222H5
and ~~SOC221H5 and SOC222H5~~

Rationale:

Correction to reflect standard CLS prerequisites.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

None

SOC333H5: Criminal Groups and Organizations

Prerequisites:

(SOC109H5 or SOC209H5) and(SOC205H5 or SOC231H5)and SOC221H5 and SOC222H5

Exclusions:

Previous: SOC208H5

New:

Rationale:

Correction to reflect standard CLS prerequisites. SOC208H5 should not be listed as an exclusion as for SOC333H5, as there is minimal overlap.

Consultation:

Consulted with instructors and changed approved by Erik Schneiderhan (Assoc. Chair) 17SEPT2020. Prerequisite correction approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

None

SOC334H5: Aging and Society

Exclusions:
SOC246H1 ~~or~~ SOC245Y1

Rationale:
Removal of exclusion as excluded course deleted some years ago.

Consultation:
Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

SOC338H5: Legal Developments in Criminology

Exclusions:
Previous: SOC300H5 (Summer 2015, Fall 2015, Winter 2016)
New:

Rationale:
Removal of exclusion as excluded special topic offered some years ago.

Consultation:
Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

SOC341H5: Contemporary Issues in the Sociology of Work

Exclusions:
~~SOC228H5~~ ~~or~~ SOCC15H3

Rationale:
Removal of exclusion as excluded course deleted some years ago and the course code has been reallocated.

Consultation:
Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

SOC350H5: Quantitative Analysis

Exclusions:
~~SOC300Y5~~ ~~or~~ SOC300H1 or SOC252H1

Rationale:
Removal of exclusion as excluded course deleted some years ago.

Consultation:
Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

SOC356H5: Population and Society

Exclusions:
~~SOC312Y5~~ ~~or~~ SOC312H1 or SOC325H1

Rationale:
Removal of exclusion as excluded course deleted some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:**SOC359H5: Gendered Identities****Exclusions:**

Previous: SOC365H5

New:

Rationale:

Removal of exclusion as excluded course deleted some years ago and the course code has been reallocated.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:**SOC361H5: Sociology of Organizations****Exclusions:**

Previous: SOC317Y1

New:

Rationale:

Removal of exclusion as excluded course deleted some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:**SOC362H5: Sex, Gender and Work****Exclusions:**

~~SOC317Y1~~ or SOCC09H3

Rationale:

Removal of exclusion as excluded course deleted some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:**SOC363H5: Sexuality and Crime****Prerequisites:**

(SOC109H5 or SOC209H5) and(SOC205H5 or SOC231H5)and SOC221H5 and SOC222H5

Rationale:

Correction to reflect standard CLS prerequisites.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

None

SOC375H5: Sociology of International Migration

Exclusions:

~~SOC344Y1~~ or SOC311H1 or SOC342H1

Rationale:

Removal of exclusion as excluded course deleted some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

SOC384H5: Media Ethics and Policy: Controversies in Mass Communication

Exclusions:

Previous: SOC284H5

New:

Rationale:

Removal of exclusion as excluded course deleted some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

SOC423H5: Identity Crime

Exclusions:

Previous: SOC346H5 Special Topics in Crime and Law: Identity Crime (Fall 2012, Fall 2013)

New:

Rationale:

Removal of exclusion as excluded seminar topic offered some years ago.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

SOC424H5: Law, Emotions, and Justice

Title:

Law, ~~Emotions~~ ~~Emotions~~, and Justice

Prerequisites:

(SOC109H5 or SOC209H5) and(SOC205H5 or SOC231H5)and SOC221H5 and SOC222H5 and 0.5 credit of ~~1.0~~ SOC credit at the 300 level

Exclusions:

SOC420H5 ~~SOC420H5F~~ Senior Seminar in Punishment:Emotions and Punishment(Fall 2019)

Rationale:

Correction to reflect standard CLS prerequisites.

Consultation:

Approved by Erik Schneiderhan (Assoc. Chair) 6OCT2020.

Resources:

None

1 New Course:

ISP130H5: Numeracy for University and Beyond

Contact Hours:

Seminar: 36

Description:

This course teaches quantitative literacy and numeracy skills in order to develop core competencies identified as essential for university and beyond. ISP130H5 enhances students' ability and confidence to engage with quantitative information in a variety of contexts, by applying mathematical, statistical, and computational approaches to make informed decisions, to problem-solve, to effectively communicate and express quantitative information, and to create logical, evidence-based arguments. Rather than focusing on math specific skills, the course explores relevant concepts as they appear in diverse disciplines and authentic real-life situations, such as numbers and magnitude, patterns and relationships, financial literacy, health, probabilistic reasoning, chance and risk, and interpreting data presented in various forms.

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

ISUP was created in response to UTM's 2017 Academic Plan, which committed to "ensur[ing] that every student is offered the support and structure to improve their foundational competencies and communication skills, including written proficiency, information literacy, analytical/numerical ability and presentation skills." The Foundational Numeracy Skills Working Group that was created in response to the plan recommended (1) a new 0.5-FCE foundational course and (2) a Numeracy Development Initiative (NDI) to provide enhanced support for disciplinary applications in existing core and upper-year courses. The NDI has already begun and this ISP130 will be the foundational course in numeracy. ISP100 Writing for University and Beyond was first offered in Fall 2020; ISP130 Numeracy for University and Beyond will be offered in Fall 2021. While ISP100 will within a few years be required for students in all programs, departments are still considering which programs will adopt ISP130.

Consultation:

The Foundational Numeracy Skills Working Group was created in December 2017 as one of the first implementation committees for UTM's Academic Plan.

The Working Group's initial report and recommendations were presented at the Directors' and Chairs' Meeting in September 2018 and further discussed at the following Directors' and Chairs' Meeting in October 2018. The Working Group was reconvened in late October to address the feedback provided by the Directors and Chairs; their response is reflected in the recommendations presented in this report. The Working Group was then reconvened once more in February 2019 to review the revised report prior to circulation among departments.

Resources:

Resource Implications Form has been submitted.

ISUP is conducting a search for an Assistant Professor - Teaching Stream, Numeracy to begin in July 2021. This faculty member will teach ISP130.

2 Course Modifications:

UTM190H5: utmONE Scholars: The Drama of Politics

Title:
utmONE Scholars: ~~Special Topics at the Intersection~~ ~~The Drama~~ of Social Science and Humanities ~~Politics~~

Description:

Previous: This course in political theatre explores prominent themes such as justice, tyranny and rebellion as presented dramatically in plays offering distinct perspectives on political power . The course includes short student performances. [24S]

New:

This course brings together first-year students who have demonstrated outstanding academic achievement to explore a current topic or problem at the intersection of social science and humanities in a small-group environment . The focus of each section will depend on the instructor's areas of expertise and will provide students with the opportunity to develop university-level research and critical thinking skills to support the transition into university . < / p>

Rationale:

The utmONE Scholars courses have used the number range of UTM190 to 199. So far, the numbers 190 to 197 are assigned to specific topics, leaving only 198 and 199 for future topics. To provide room for future topics and to permit more frequent changes of topics, we are changing 190, 191, and 192 into special topics courses for the intersections of Social Science and Humanities (190), Social Science and Science (191), and Humanities and Sciences (192). Course goals and skills development in these courses remain unchanged and will be maintained across topic offerings. The specific topics that had been taught using those numbers have not been taught in five years.

Consultation:

Resources:

UTM191H5: utmONE Scholars: Science Meets Society

Title:
utmONE Scholars: ~~Special Topics at the Intersection of Science and Social Science~~ ~~Meets Society~~

Description:

Previous: This course explores debates within society and policy implications surrounding complex current research questions in science that require creative, multidisciplinary thinking . Students will hone skills in research and presentation. [24S]

New:

This course brings together first-year students who have demonstrated outstanding academic achievement to explore a current topic or problem at the intersection of science and social science in a small-group environment . The focus of each section will depend on the instructor's areas of expertise and will provide students with the opportunity to develop university-level research and critical thinking skills to support the transition into university . < / p>

Distribution Requirements:
~~Social~~ Science, ~~Social~~ Science

Rationale:

The utmONE Scholars courses have used the number range of UTM190 to 199. So far, the numbers 190 to 197 are assigned to specific topics, leaving only 198 and 199 for future topics. To provide room for future topics and to permit more frequent changes of topics, we are changing 190, 191, and 192 into special topics courses for the intersections of Social Science and Humanities (190), Social Science and Science (191), and Humanities and Sciences (192). Course goals and skills development in these courses remain unchanged and will be maintained across topic offerings. The ~~specific~~

topics that had been taught using those numbers have not been taught in five years.

Consultation:

Resources:

2 Retired Courses:

UTM110H5: LAUNCH: Humanities and Social Science

Rationale:

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and is not being offered.

Consultation:

UTM113H5: utmONE: Power of Expression

Rationale:

CM Clean Up. This course was uploaded to CM, but it is not listed in the calendar and it is not being offered.

Consultation: