



University of Toronto Mississauga Campus Council

ACADEMIC AFFAIRS COMMITTEE

Wednesday, November 13, 2013 at 4:10 p.m.

Council Chamber, Room 3130, William G. Davis Building

AGENDA

1. Chair's Remarks

2. Presentation on Initiatives of the Office of the Registrar: Ms. Diane Crocker, Registrar and Director of Enrolment Management

3. Update in Admission Requirements: Master of Biotechnology Program*

Be It Resolved,

THAT the School of Graduate Studies (SGS) Calendar specify the following minimum admission requirements for the Master of Biotechnology (MBiotech) program:

- Applicants are admitted under the General Regulations of the School of Graduate Studies. Applicants must also satisfy the Institute for Management and Innovation's additional admission requirements stated below
- Admission to the program requires a University of Toronto bachelor's degree, or its equivalent from a recognized university, in any area of biological sciences, chemistry, engineering, or related field, with an average grade of at least a mid-B in the applicant's final two years of study;
- Applicants whose primary language is not English, and who are not graduates of a university whose language of instruction is English, must meet SGS minimum standards for English Proficiency;
- Every applicant must submit an application form, transcripts of the applicant's academic record at each university attended, a *curriculum vitae*, a statement of intent and three letters of reference, and the applicant must participate in a science and business interview; and
- Applicants who did not graduate from a Canadian university must submit Graduate Record Examination Subject Test scores.

* Documentation included

** Documentation for consent item included. This item will be given individual consideration by Academic Affairs Committee only if a members so requests. Members with questions or who would like a consent item to be discussed by the Academic Affairs Committee are invited to notify the Committee Secretary Mariam Ali at least 24 hours in advance of the meeting by telephone at 905-569-4358 or by email at mariam.ali@utoronto.ca

4. Merger of Two Programs: Earth Sciences Specialist (Department of Chemical and Physical Sciences) and Environmental Sciences Specialist (Department of Geography)*

Be It Resolved,

THAT the proposed merger of the Earth Sciences Specialist in the Department of Chemical and Physical Sciences (CPS) and the Environmental Sciences Specialist in the Department of Geography (GGR), resulting in the Environmental Geosciences Specialist Program, be approved effective September 1, 2014.

5. Institute for Management and Innovation (IMI) Continuing Education Certificate in Professional Development: Business Practices for Scientists*

Be It Resolved,

THAT the proposed Institute for Management and Innovation (IMI) Certificate in Professional Development be approved, effective January 1, 2014.

6. Minor Undergraduate Curriculum Changes: Humanities, Sciences and Social Sciences*

Be It Resolved,

THAT the proposed Humanities undergraduate curriculum changes for the 2014-15 academic year, as detailed in the respective curriculum reports, be approved.

Be It Resolved,

THAT the proposed Sciences undergraduate curriculum changes for the 2014-15 academic year, as detailed in the respective curriculum reports, be approved.

Be It Resolved,

THAT the proposed Social Sciences undergraduate curriculum changes for the 2014-15 academic year, as detailed in the respective curriculum reports, be approved.

7. Assessor's Report

8. Other Business

* Documentation included

** Documentation for consent item included. This item will be given individual consideration by the Academic Affairs Committee only if a members so requests. Members with questions or who would like a consent item to be discussed by the Academic Affairs Committee are invited to notify the Committee Secretary Mariam Ali at least 24 hours in advance of the meeting by telephone at 905-569-4358 or by email at mariam.ali@utoronto.ca

CONSENT AGENDA**

9. Report of the Previous Meeting: Report 1 – September 11, 2013**

10. Business Arising from the Report of the Previous Meeting

11. Date of the Next Meeting – January 9, 2014, 4:10 to 6:00 p.m.

* Documentation included

** Documentation for consent item included. This item will be given individual consideration by the Academic Affairs Committee only if a members so requests. Members with questions or who would like a consent item to be discussed by the Academic Affairs Committee are invited to notify the Committee Secretary Mariam Ali at least 24 hours in advance of the meeting by telephone at 905-569-4358 or by email at mariam.ali@utoronto.ca

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FOR APPROVAL

PUBLIC

OPEN SESSION

TO:

Academic Affairs Committee

SPONSOR:

CONTACT INFO:

Amy Mullin, Vice-Principal Academic and Dean
905-828-3719, amy.mullin@utoronto.ca

PRESENTER:

CONTACT INFO:

Amrita Daniere, Vice-Dean Graduate
905-569-4768, amrita.daniere@utoronto.ca

DATE:

November 6, 2013 for November 13, 2013

AGENDA ITEM:

3

ITEM IDENTIFICATION:

Update in Admission Requirements: Master of Biotechnology Program.

JURISDICTIONAL INFORMATION:

Under section 5.6 of its terms of reference, the Academic Affairs Committee is responsible for major and minor modifications to existing programs and has responsibility for approving amendments to admission policies that are not of major significance to the entire Campus.

GOVERNANCE PATH:

1. Academic Affairs Committee (November 13, 2013)

PREVIOUS ACTION TAKEN:

Based on advice from members, the Academic Affairs Committee, at its September 11, 2013 meeting, decided to refer this item back to the administrative assessor for clarification of the wording of the admission requirements with both the MBiotech program and the School of Graduate Studies (SGS). It was agreed that it would be resubmitted for the Committee’s consideration at a later date.

HIGHLIGHTS:

The University of Toronto Mississauga (UTM) currently houses four Professional Graduate Masters Programs and one Professional Graduate Diploma Program under the Institute for Management of Innovation (IMI). The Master of Biotechnology Program (MBiotech) was created in 2000 and is looking to update the SGS Academic Calendar with admissions requirements that reflect the existing admissions practice and policy in the Program.

It should be noted that MBiotech is not changing the minimum requirements for admission into the program, rather they are ensuring that the SGS Academic Calendar reflects the admissions practices

already in place in the program since 2000 in order to provide students with more clearly outlined admissions policies.

There are no substantive changes since previous submission of this proposal to the September 11 meeting of the AAC, but rather the text has been more precisely crafted, so that there is no room for misinterpretation of the requirements.

FINANCIAL IMPLICATIONS:

There are no financial and/or planning implications for this change.

RECOMMENDATION:

Be It Resolved

THAT the School of Graduate Studies (SGS) Calendar specify the following minimum admission requirements for the Master of Biotechnology (MBiotech) program:

- Applicants are admitted under the General Regulations of the School of Graduate Studies. Applicants must also satisfy the Institute for Management and Innovation’s additional admission requirements stated below;
- Admission to the program requires a University of Toronto bachelor's degree, or its equivalent from a recognized university, in any area of biological sciences, chemistry, engineering, or related field, with an average grade of at least a mid-B in the applicant's final two years of study;
- Applicants whose primary language is not English, and who are not graduates of a university whose language of instruction is English, must meet SGS minimum standards for English Proficiency;
- Every applicant must submit an application form, transcripts of the applicant’s academic record at each university attended, a *curriculum vitae*, a statement of intent and three letters of reference, and the applicant must participate in a science and business interview; and
- Applicants who did not graduate from a Canadian university must submit Graduate Record Examination Subject Test scores.

DOCUMENTATION PROVIDED:

Minor Modification: Minimum Admission Requirements Update in the Master of Biotechnology Program

Original Motion brought forward at AAC meeting held on September 11, 2013

FORM A

School of Graduate Studies
University of Toronto

3

Governance Form A

Proposal Type:

[Mark all that apply; see Governance Form A Procedures and Guidelines.]

X	Changing Admission Requirements
	Changing Program Requirements
	Changes to Timing of Existing Program Requirements
	Adding Option to Existing Program
	Removing Option from Existing Program
	Renaming of Program
	Renaming of Field
	Renaming of Emphasis
	New Emphasis in Existing Program
	Renaming of Degree
	Program Changes Affecting MoA with an External Institution
	Collaborative Program Changes Affecting MoA (Complete Addendum)

Faculty: [E.g. Arts and Science, Medicine, etc. If Collaborative Program, please indicate lead Faculty]

University of Toronto Mississauga

Name of Graduate Unit:

Institute for Management of Innovation (IMI), University of Toronto Mississauga

Graduate Programs Involved in Proposal: [List program(s) and degree(s) (or, for collaborative programs, list all participating programs and degrees) involved]

- [Program_Name] , [Degree(s)]

Master of Biotechnology, M.Biotech

Brief Summary of Proposed Change(s): [Ensure ALL changes in the proposal are summarized here; for program requirement changes, state how overall FCE requirements would be changed or confirm that they are not being changed; a revised Calendar entry is needed for most proposal types. For changes to a Collaborative Program, complete MOA [Addendum](#) to Governance Form A].

<p>Modification of minimum admission requirements as stated in the SGS Calendar to bring them in line with the actual policy and existing practice of the Master of Biotechnology Program.</p> <p>Current Calendar listing: Admission Requirements</p> <ul style="list-style-type: none"> • Applicants are admitted under the General Regulations of the School of Graduate Studies. Applicants must also satisfy the Institute for Management and Innovation’s additional admission requirements stated below. • An appropriate bachelor's degree from a recognized university in any area of biological sciences, chemistry, engineering, or related field. • Acceptable Graduate Record Examination (GRE) scores and/or marks of A- or better in the final two years of study.

FORM A

School of Graduate Studies
University of Toronto

3

Proposed Calendar Listing:
Minimum Admission Requirements

- Applicants are admitted under the General Regulations of the School of Graduate Studies. Applicants must also satisfy the Institute for Management and Innovation’s additional admission requirements stated below.
- **Admission to the program requires a University of Toronto bachelor's degree, or its equivalent** from a recognized university, in any area of biological sciences, chemistry, engineering, or related field, **with an average grade of at least a mid-B in the applicant's final two years of study.**
- **Applicants whose primary language is not English, and who are not graduates of a university whose language of instruction is English, must meet SGS minimum standards for English Proficiency.**
- **Every applicant must submit an application form, transcripts of the applicant’s academic record at each university attended, a curriculum vitae, a statement of intent and three letters of reference, and the applicant must participate in a science and business interview.**
- **Applicants who did not graduate from a Canadian university must submit** Graduate Record Examination **Subject Test** scores.

Rationale: [State the reason for each change being proposed and the anticipated effect on the program/s and students]

This proposal is not changing the minimum requirements for admission to MBiotech, but is simply bringing the stated admission requirements listed in the SGS Calendar in line with existing practice and policy.

The MBiotech Program will consider applicants with an appropriate bachelor's degree from a recognized university in any area of biological sciences, chemistry, engineering, or related field with a minimum mid-B standing in the final two years of study. Each year, MBiotech receives a large number of competitive applications and the grade requirements listed should be considered minimum requirements. Applicants are also evaluated on their letter of intent, CV, three references and both a science and business interview. Applicants who have completed their studies outside of Canada must also submit scores for both a GRE Subject Test and meet School of Graduate Studies minimum standards for English Proficiency.

At present, the SGS Calendar states that requirements include “Acceptable Graduate Record Examination (GRE) scores and/or marks of A- or better in the final two years of study.” This is not accurate as the GRE is optional for candidates (other than international applicants) and can not take the place of meeting the minimum GPA, and while the majority of admitted students have an average of A- or higher in their final two years of study, MBiotech will consider applicants with mid-B or higher who present strong applications.

Does this change have any financial and/or resource implications? [Mark one]

X	NO		YES (please contact Faculty Graduate Dean’s Office and provide brief description below)
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FORM A

School of Graduate Studies
University of Toronto

3

- [Insert description of additional resources required]

Effective Session Date: [Month / Day / Year. Sessions begin in September, January or May. See Governance Form A: Guidelines]

Please attach a revised Calendar entry based on the currently-approved entry in the Calendar (available from the [SGS website](#))

January 2014

Approvals/Actions prior to Faculty governance approval: [List graduate unit bodies that have approved the proposal. Include the date of each approval, and summarize substantial questions that have arisen. Explain how consultation with graduate students has occurred.]

- [Graduate Unit Committee Name, Meeting Date]
- [Consultations]
- [Comments arising as appropriate]

Decanal Curriculum Oversight Committee, UTM: August 9th, 2013

Chair/Director Name(s): [Name of the Graduate Chair/Director of the unit(s) involved. Also list names and contact information for other individuals who will attend meetings at which the proposal will be discussed.]

- [Last name, First Name; Title, Graduate Unit]

Vice-Dean Graduate:	Dr. Amrita Daniere (amrita.daniere@utoronto.ca)
Chair/Director:	Dr. Scott Prosser, Director, MBIotech (scott.prosser@utoronto.ca)
Other:	Dr. Leigh Revers, Associate Director, MBIotech (leigh.revers@utoronto.ca)

Date: [Date of form completion]

October 24, 2013

Faculty Council/Delegated Body Meeting Date: [Identify the Faculty Council or delegated body that will consider the proposal for final approval and provide the expected meeting date.]

- [Council Name/Committee Name, Meeting Date]

Academic Affairs Committee, UTM: November 13th, 2013

Please note: Posting of this form on the GCT indicates that the Faculty Vice-Dean Graduate, or designate, has reviewed the proposal.

For SGS use only	
GPO	

Comments	
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Revised Calendar Entry

Degree Programs

Biotechnology Master of Biotechnology

Minimum Admission Requirements

- Applicants are admitted under the General Regulations of the School of Graduate Studies. Applicants must also satisfy the Institute for Management and Innovation's additional admission requirements stated below.
- ~~An appropriate bachelor's degree from a recognized university in any area of biological sciences, chemistry, engineering, or related field with a minimum mid-B standing in the final two years of study.~~
- ~~Acceptable Graduate Record Examination (GRE) scores and/or marks of A- or better in the final two years of study.~~
- Admission to the program requires a University of Toronto bachelor's degree, or its equivalent from a recognized university, in any area of biological sciences, chemistry, engineering, or related field, with an average grade of at least a mid-B in the applicant's final two years of study.
- Applicants whose primary language is not English, and who are not graduates of a university whose language of instruction is English, must meet SGS minimum standards for English Proficiency.
- Every applicant must submit an application form, transcripts of the applicant's academic record at each university attended, a *curriculum vitae*, a statement of intent and three letters of reference, and the applicant must participate in a science and business interview.
- Applicants who did not graduate from a Canadian university must submit Graduate Record Examination Subject Test scores.

Program Requirements

- o The program is a full-time, course-based master's degree which is *launched during the month of May each year.*
- o Students are required to complete 8.5 graduate full course equivalents (FCEs) over a 24-month period:
- o 5.5 to 6.5 FCEs science credits (includes credits for Seminar and Placement)
- o 2.0 FCEs business credits
- o up to 1.0 FCE elective credit

An ongoing seminar series led by university, industry, and government specialists links all the participants with the academic, practical, and applied aspects of the program. **Normal Program Length:** 9 sessions (2 years) full-time
Time Limit: 3 years full-time

Course List

Required Courses

A general description of each required course is posted at www.utm.utoronto.ca/mbiotech.

- BTC 1600H Seminar in Bioscience/Biotechnology I
- BTC 1610H Seminar in Bioscience/Biotechnology II
- BTC 1700H Molecular Biology Laboratory
- BTC 1710H Biomaterials and Protein Chemistry Laboratory
- BTC 1800H Biotechnology in Medicine
- BTC 1810H Biotechnology & Ventures
- BTC 1820H Biotechnology in Agriculture and Natural Products
- BTC 1900Y₀ Work Term I
- BTC 1910Y₀ Work Term II
- BTC 2000H Effective Management Practices

BTC 2010H Fundamentals of Managerial Concepts
BTC 2020H Society, Organizations & Technology
BTC 2030H Management of Technological Innovation

Elective Courses

BTC 1840H Patent Law for Life Sciences
BTC 1850H Creating Life Science Products
BTC 1860H Generations of Advanced Medicine: Biologics in Therapy
BTC 1920Y Work Term III
BTC 2040H Change Management
BTC 2100Y Topics in Biotechnology
BTC 2110H Topics in Biotechnology
BTC 2120H Topics in Biotechnology
Other graduate courses approved by Program Directors.

Program Committee

Cell and Systems Biology
Lange, Angela - BSc, PhD
Revers, Leigh - MA, DPhil (**Associate Director**)
Westwood, J. Timothy - BSc, MSc, PhD
Chemistry
Krull, Ulrich - BSc, MSc, PhD, AstraZeneca Professor
of Biotechnology
Prosser, Scott - BSc, MSc, PhD (**Director**)
Management
Tombak, Mihkel - BAsC, MBA, AM, PhD
Additional faculty are selected from Cell and
Systems Biology, Chemistry, and related departments
as well as from experts in industry and government.

Motion presented at Academic Affairs Committee meeting held on September 11, 2013

Be it Resolved,

That the minimum admission requirements as stated in the School of Graduate Studies (SGS) Calendar be updated to reflect the following existing Master of Biotechnology (MBiotech) practices, effective immediately:

- i) THAT the MBiotech Program consider applicants with an appropriate bachelor's degree from a recognized university in any area of biological sciences, chemistry, engineering, or related field with a minimum mid-B standing in the final two years of study;
- ii) THAT applicants who have completed their studies outside of Canada also submit their Graduate Record Examination Subject Test scores and meet SGS minimum standards for English Proficiency; and
- iii) THAT, the MBiotech Program also evaluate applicants on their letter of intent, CV, three references and both a science and business interview.



FOR APPROVAL

PUBLIC

OPEN SESSION

TO: Academic Affairs Committee

SPONSOR: Amy Mullin, Vice-Principal Academic and Dean

CONTACT INFO: 905-828-3719, amy.mullin@utoronto.ca

PRESENTER: See Sponsor.

CONTACT INFO:

DATE: November 6, 2013 for November 13, 2013

AGENDA ITEM: 4

ITEM IDENTIFICATION:

Merger of Two Programs: Earth Sciences Specialist (Department of Chemical Physical Sciences) and Environmental Sciences Specialist (Department of Geography)

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. Academic Affairs Committee (November 13, 2013) (for approval)**

PREVIOUS ACTION TAKEN:

The Earth Sciences Specialist program was established in 1995, and the Environmental Sciences Specialist in 1984.

HIGHLIGHTS:

This is a proposal to merge two existing programs at UTM, the Earth Sciences Specialist in the Department of Chemical and Physical Sciences (CPS), and the Environmental Sciences Specialist in the Department of Geography (GGR) to form the Environmental Geosciences Specialist Program effective September 1, 2014.

The amalgamation of these two programs will provide students with the necessary academic requirements for certification as a Professional Geoscientist (P.Geo.) in conformity with the stipulations of the Association of Professional Geoscientists of Ontario (APGO) and the

Academic Affairs Committee – Chemical Physical Sciences/Geography Association of Professional Geoscientists of Ontario (APGO) Certification: Merger of two programs

Canadian Council of Professional Geoscientists (CCPG). Neither of the existing programs currently meets these requirements individually.

The proposed Environmental Geosciences Specialist will fill the gaps between the APGO/CCPG academic requirements for registration as a practicing P.Geo, and the academic offerings of the existing Environmental Sciences and Earth Sciences Specialist programs.

Faculty from the Departments of Chemical and Physical Sciences, and Geography were consulted, and all are in full support of this program merger. Departments outside of CPS/GGR that house courses to be used toward the completion of this program have also been consulted and expressed support.

FINANCIAL IMPLICATIONS:

There are no financial implications for the merger of these two programs.

RECOMMENDATION:

Be It Resolved,

THAT the proposed merger of the Earth Sciences Specialist in the Department of Chemical and Physical Sciences (CPS) and the Environmental Sciences Specialist in the Department of Geography (GGR), resulting in the Environmental Geosciences Specialist Program, be approved effective September 1, 2014.

DOCUMENTATION PROVIDED:

Program Merger – Environmental Geosciences Specialist



University of Toronto Major Modification Proposal – Type B: Specialist or Major where there is an Existing Major or Specialist

What is being proposed:	A merger between existing Specialist Programs
Department / Unit (if applicable) where the program will be housed:	Dept. of Geography, UTM and Dept. of Chemical and Physical Sciences, UTM
Faculty / Academic Division:	University of Toronto Mississauga
Faculty / Academic Division Contact:	Melissa Berger Program and Curriculum Officer Office of the Dean, UTM melissa.berger@utoronto.ca
Department/Unit Contact:	Peter Macdonald Professor and Chair Dept. of Chemical and Physical Sciences, UTM pm.macdonald@utoronto.ca Kathy Wilson Professor and Chair Dept. of Geography, UTM kathi.wilson@utoronto.ca
Anticipated start date of the program:	September 1, 2014
Version Date:	October 18 th , 2013

1 Executive Summary

The Department of Geography at the University of Toronto Mississauga (UTM) currently offers an Environmental Sciences Specialist Program. The Department of Chemical and Physical Sciences currently offers an Earth Sciences Specialist Program. This proposal is for a Specialist Program in Environmental Geosciences which is being created through a merging or an amalgamation of the requirements of these two existing Specialist Programs. The new Specialist Program will be jointly offered and administered by these two departments, alongside the two existing programs which will continue to be offered. The departments will work cooperatively to ensure that courses are scheduled in ways that best facilitate student progress. While students might be able through careful selection of courses to complete much the same content independently while registered in one or the other of the existing programs, the departments have chosen to draw from the two existing programs and establish a discrete Environmental Geosciences Specialist Program specifically to meet the academic requirements for certification as a Professional Geoscientist (P.Ge.) in conformity with the stipulations of the Association of Professional Geoscientists of Ontario (APGO) and the Canadian Council of Professional Geoscientists (CCPG).

In Canada, as elsewhere, there is a strong and growing need for geoscientists trained in environmental issues, and for environmental scientists trained in geosciences fundamentals. The Specialist Program in Environmental Geosciences responds to this. As a program created through the merger of two existing programs, all courses required to complete the program are already offered at UTM.

2 Program Rationale

The practice of geosciences in Ontario is governed by the Professional Geoscientists Act, 2000, which requires anyone wishing to use the professional designation P. Geo. (or variations) to register with the Association of Professional Geoscientists of Ontario (APGO) (www.apgo.net). This professional body, amongst its other responsibilities, regulates educational and training requirements for such registration.

Neither the existing Environmental Science Specialist program (ERSPE1061) currently offered through UTM's Department of Geography nor the Earth Science Specialist program (ERSPE1465) currently offered through UTM's Department of Chemical and Physical Sciences provides graduates from the program with the academic requirements to satisfy the APGO specifications for professional designation as a practicing geoscientist. Specifically, the current Environmental Sciences Specialist program does not specify a sufficient number of "Foundation Mathematics and Sciences" courses to satisfy APGO requirements. These courses are, however, included in the program requirements for the Earth Science Specialist program. On the other hand, the latter program lacks any "Hydrology" course requirements which are necessary for APGO accreditation, although these courses are offered by the Department of Geography and are required courses in the Environmental Sciences Specialist program.

Amalgamation of these two existing specialist programs, drawing on existing GGR and CPS course offerings, capacity, expertise and interest, meet all the APGO requirements without requiring students to pursue any additional electives.

APGO qualified Environmental Geosciences programs are offered currently at many Ontario universities including Brock, Western, Guelph, Waterloo, Laurentian, McMaster, Windsor and York. At the University of Toronto St. George, a program that supports students meeting APGO requirements is offered jointly between the Department of Earth Sciences and the School for the Environment. The University of Toronto Scarborough (UTSC) campus offers a similar program in Environmental Geosciences (BSc) Specialist Program in the Department of Physical & Environmental Sciences

3 Need and Demand

It is expected that the quality of undergraduate students undertaking Environmental Sciences studies will be enhanced as a result of the additional requirements for fundamental mathematical and physical sciences in the proposed Environmental Geosciences specialist program relative to the existing Environmental Sciences specialist program.

It is further expected that the proposed Environmental Geosciences Specialist Program will be attractive to students above and beyond those undertaking the existing Earth Sciences Specialist Program, since the new program will lead specifically to the P.Geo. designation, which constitutes a well-defined and well-compensated career path, with credentials overseen and protected by a professional society analogous to that of professional engineering societies.

Geosciences are relevant to a broad range of economic drivers including mining, water management, environmental protection and remediation, and energy capture and exploitation.

Geoscientists are employed by private sector resource extractors, construction companies and consultants, and by federal and provincial government regulators, as well as municipalities.

The demand for geoscientists trained in environmental issues, and for environmental scientists trained in geosciences fundamentals, is ever more acute as environmental concerns have become increasingly prominent in the decision-making processes in both the private and public sectors.

4 Admission / Eligibility Requirements

4

Enrollment is limited. Selection will be based on completion of 4.0 credits including CHM110H5 *Chemical Principles 1*, CHM120H5 *Chemical Principles 2*, PHY136H5 *Introductory Physics 1*, PHY137H5 *Introductory Physics 2*, MAT134Y5 *Calculus for the Life Sciences*, MAT135Y5 *Calculus*, MAT137Y5 *Calculus*, and ERS120H5 *Planet Earth* / ENV100Y5 *The Environment* and a minimum CGPA of 2.5.

5 Program Requirements

See Appendix A for a full calendar listing of courses

See Appendix B for course descriptions

Specialist Program ERSPE####

Environmental Geosciences (Science)

Within an Honours degree, 15.5 credits are required.

Limited Enrolment – Enrolment in this program is restricted. Selection will be based on completion of 4.0 credits including CHM110H5, CHM120H5, PHY136H5, PHY137H5, MAT134Y5/135Y5/137Y5 and ERS120H5/ENV100Y5 and a minimum CGPA of 2.5.

Year 1: BIO152H5,153H5; CHM110H5,120H5; ERS120H5/ENV100Y; MAT134Y5/135Y5/137Y5; PHY136H5,137H5; STA107H5

Year 2: ERS201H5,202H5,203H5; GGR217H5,278H5

Year 3 & 4: ERS313H5,315H5,319H5,321H5,322H5,325H5,471H5/472H5; GGR307H5,315H5,316H5,317H5,321H5,337H5,338H5; JGE378H5

Notes:

1. Students are strongly advised to consult the Program Advisors in GGR and/or CPS regarding the program of study.
2. Additional 400 level courses included ERS470Y and GGR417Y.

6 Program Structure, Learning Outcomes, and Degree Level Expectations

The proposed Specialist Program in Environmental Geosciences will fill the gaps between APGO/CCPG academic requirements for registration as a practicing P.Geol. and the academic offerings of the existing Environmental Sciences and Earth Sciences Specialist Programs. APGO/CCPG requirements specify the number of “Foundation Mathematics and Sciences”, “Core Geosciences”, and “Environmental Geosciences” courses that a candidate for P.Geol. registration must have. In addition, the breadth of subjects within each such category is specified and includes topics not required by either of the existing Specialist Programs alone.

7 Consultation

Consultation was undertaken with the Office of the Dean Academic, UTM. In addition, discussions were held with faculty in the Departments of Geography and Chemical and Physical Sciences along with the Office of the Registrar, UTM, and all other departments whose courses will be used toward completion of the program have been consulted.

8 Resources

8.1 Faculty requirements

All courses required to complete the Environmental Geosciences Specialist Program are offered currently at UTM with the majority offered within either the Department of Geography or the Department of Chemical and Physical Sciences. There will be two new courses mounted but there will be no resource implications because these new courses reflect areas of expertise of existing faculty and will be offered on a regular basis by the Department of Chemical and Physical Sciences independent of the development of the new specialist program.

Existing student program Faculty Advisors in each of the Departments of Geography and Chemical and Physical Sciences will assume responsibilities for the new program as part of their existing responsibilities.

8.2 Space/Infrastructure

There are no unique space/infrastructure requirements beyond those already in existence at UTM.

Developed by the Office of the Vice-Provost, Academic Programs

Last updated March 19, 2013

9 Governance Process:

4

	Levels of Approval Required
Decanal Sign Off	
	Unit Approval
	Faculty/Divisional Council
Submission to Provost's Office	
Report to AP&P	
Report to Ontario Quality Council	

Appendix A

Full Calendar Listings of All Courses Required for Environmental Geosciences Specialist Program

**New Courses

Course Code	Course Title	Prerequisites/Exclusions/Corequisites
Year 1		
BIO152H5	Introduction to Evolution and Evolutionary Genetics (SCI)	Prerequisite: Minimum 70% in Grade 12U Biology Note: Although 12U CHM and MAT are not prerequisites for BIO152H5 , students intending to pursue a major or any specialist program in Biology must note that (CHM110H5 , 120H5)/ CHM140Y5 and MAT134Y5/135Y5/137Y5 are requirements for these programs.
BIO153H5	Diversity of Organisms (SCI)	Prerequisite: BIO152H5
CHM110H5	Chemical Principles 1 (SCI)	Exclusion: CHM139H1, 151Y1, 140Y5, CHMA11H3 Prerequisite: Grade 12 Chemistry (SCH4U)(minimum grade of 70); Grade 12 Advanced Functions (MHF4U0)(minimum grade of 70); Grade 12 Calculus and Vectors (MCV4U) highly recommended Corequisite: MAT134Y5/135Y5/137Y5
CHM120H5	Chemical Principles 2 (SCI)	Exclusion: CHM151Y1,140Y5, CHMA10H3 Prerequisite: CHM110H5 Corequisite: MAT134Y5/135Y5/137Y5
ERS120H5	Planet Earth (SCI)	Recommended Preparation: Review of Grade 9/10 Physical Science.
ENV100Y5	The Environment (SCI)	
MAT134Y5	Calculus for the Life Sciences (SCI)	Exclusion: MAT132Y5,133Y5,135Y5,137Y5,138Y5 Prerequisite: Minimum 70% in Grade 12 Advanced Functions (MHF4U) Highly Recommended: Minimum 70% in Grade 12 Calculus and Vectors (MCV4U) Corequisite: BIO152H5 Restricted to students in a Life Science

		Program
MAT135Y5	Calculus (SCI)	Exclusion: MAT132Y5,133Y5,134Y5,137Y5,138Y5 Prerequisite: Minimum 70% in Grade 12 Advanced Functions (MHF4U) Highly Recommended: Minimum 70% in Grade 12 Calculus and Vectors (MCV4U)
MAT137Y5	Calculus (SCI)	Exclusion: MAT132Y5,133Y5,134Y5,135Y5,138Y5 Prerequisite: Minimum 70% in Grade 12 Advanced Functions (MHF4U), Minimum 70% in Grade 12 Calculus and Vectors (MCV4U)
PHY136H5	Introductory Physics I (SCI)	Prerequisite: Grade 12 Physics (SPH4U)/P.I.; Grade 12 Advanced Functions (MHF4U)(minimum of 70) Corequisite: MAT134Y5/135Y5/137Y5 Recommended Preparation: Grade 12 Calculus & Vectors (MCV4U) highly recommended Students without Grade 12 Physics (SPH4U) require P.I.
PHY137H5	Introductory Physics II (SCI)	Prerequisite: PHY136H5 or P.I.
STA107H5	An Introduction to Probability and Modelling	Exclusion: STA256H5,257H5 ; ECO227Y5 Corequisite: MAT134Y5/135Y5/137Y5/233H5
Year 2		
ERS201H5	Earth Materials (SCI)	Prerequisite: ENV100Y5/ERS103H5/120H5
ERS202H5	Dynamic Earth (SCI)	Prerequisite: ERS201H5 /P.I.
ERS203H5	Rock Forming Processes (SCI)	Prerequisite: ERS201H5
GGR217H5	Fundamentals of Hydrology (SCI)	Exclusion: GGR217Y5 Prerequisite: GGR112H5/117Y5/ENV100Y5 /4.0 credits
GGR278H5	Geographical Information Systems (SCI)	Prerequisite: GGR112H5/117Y5/ENV100Y5 /4.0 credits
Years 3 & 4		
ERS313H5**	Sedimentology (SCI)	Exclusion: None Prerequisite: ERS201H5 , 203H5 Corequisite: none
ERS315H5	Environmental Geology (SCI)	Prerequisite: Two of: ERS201H5 , 202H5 ,

		203H5
ERS319H5	Earth Resources (SCI)	Prerequisite: ERS201H5
ERS321H5	Past and Present Global Change (SCI)	Prerequisite: Two of: ERS201H5 , ERS202H5 , ERS203H5
ERS322H5**	Paleontology (SCI)	Prerequisite: Two of: ERS201H5 , ERS202H5 , ERS203H5
ERS325H5	Field Camp I (SCI)	Exclusion: GLG340H1 Prerequisite: ERS202H5 , 203H5
ERS471H5	Research Project (SCI)	Exclusion: ERS470Y5 Prerequisite: Any 2.0 credits from the ERS300 or GLG300(G) level, plus a 75% average in the last 5 courses taken. NOTE: This half credit (0.5) course may be offered over the Fall Term(ERS471H5F), Winter Term(ERS471H5S) and over the full Academic Year(ERS471H5Y).
GGR307H5	Environmental Soil Science (SCI)	Prerequisite: 8.0 credits complete in GGR, ENV, ANT, BIO and any science course with a laboratory component or P.I.
GGR315H5	Physical Hydrology (SCI)	Prerequisite: GGR214H5/217H5
GGR316H5	Landforms (SCI)	Prerequisite: GGR214H5/217H5 , 227H5
GGR317H5	Glaciers (SCI)	Prerequisite: GGR214H5/217H5/227H5 /P.I.
GGR321H5	Geographic Information Processing (SCI)	Prerequisite: GGR278H5 Recommended Preparation: GGR311H5
GGR337H5	Environmental Remote Sensing (SCI)	Prerequisite: 0.5 credit from (GGR214H5/217H5/227H5), 0.5 credit from (GGR276H5/278H5)
GGR338H5	Environmental Modeling (SCI)	Exclusion: GGR335H5 Prerequisite: Any 8.0 credits, including GGR276H5 ; a course in Statistics recommended.
JGE378H5	Natural Hazards (SSc,SCI)	Exclusion: GGR378, ERS317 Prerequisite: ENV100Y5/ERS103H5/120H5/GGR112H5/117Y5 /P.I.

Appendix B

Course Descriptions for All Courses Required for Environmental Geosciences Specialist Program

**New Courses

Year 1

BIO152H5 Introduction to Evolution and Evolutionary Genetics (SCI)

The scientific method and the modern theory of evolution as an introduction to biology. The principles of evolution, transmission and evolutionary genetics are developed in lectures and laboratories. [24L, 15P, 12T]

Prerequisite: Minimum 70% in Grade 12U Biology

Note: Although 12U CHM and MAT are not prerequisites for [BIO152H5](#), students intending to pursue a major or any specialist program in Biology must note that ([CHM110H5](#), [120H5](#))/[CHM140Y5](#) and [MAT134Y5](#)/[135Y5](#)/[137Y5](#) are requirements for these programs.

BIO153H5 Diversity of Organisms (SCI)

The consequences of Darwinian evolution: adaptations of organisms as a product of the main evolutionary mechanism - natural selection. The roles of natural selection and other mechanisms in the diversification of life are reviewed, along with the diversity of structures and life cycles in bacteria, protists, animals, plants and fungi. [24L, 18P]

Prerequisite: [BIO152H5](#)

Course WEB Page : <http://www.erin.utoronto.ca/%7Ew3bio153/index.html>

CHM110H5 Chemical Principles 1 (SCI)

Matter and its transformations are studied at the macroscopic level. Topics include stoichiometry, phases of matter, equilibria, thermodynamics and colligative properties. [36L, 18P, 12T]

Exclusion: CHM139H1, 151Y1, 140Y5, CHMA11H3

Prerequisite: Grade 12 Chemistry (SCH4U)(minimum grade of 70); Grade 12 Advanced

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Last updated March 19, 2013

Functions (MHF4U0)(minimum grade of 70); Grade 12 Calculus and Vectors (MCV4U) highly recommended

Corequisite: [MAT134Y5/135Y5/137Y5](#)

4

CHM120H5 Chemical Principles 2 (SCI)

Building on the subject matter of [CHM110H5](#), molecular events are studied at the microscopic level. Topics include atomic and molecular structure, intermolecular forces of attraction, reaction kinetics, and organic chemical reactions and mechanisms. [36L, 18P, 12T]

Exclusion: CHM151Y1,140Y5, CHMA10H3

Prerequisite: [CHM110H5](#)

Corequisite: [MAT134Y5/135Y5/137Y5](#)

ERS120H5 Planet Earth (SCI)

We discuss the age and origin of the Earth, the nature of its deep interior, the origin of mountains, oceans, earthquakes and volcanoes, and show how these features are related in a unifying theory known as Plate Tectonics, that explains how the evolution of the Earth's surface is driven by internal processes. Tutorials will include laboratory exercises devoted to the understanding and recognition of minerals, rocks and geological structures. [24L, 12P]

Recommended Preparation: Review of Grade 9/10 Physical Science.

ENV100Y5 The Environment (SCI)

This introductory environmental science course examines large-scale features of Earth, natural hazards, Earth's climate and weather systems, energy and mineral resources, human population growth, extinction and biodiversity, environmental toxins, vanishing soils and expanding deserts, forests, urban environmental management, and food resources. Interdisciplinary interaction among Science, Social Science, and Humanities is a major theme. [72L]

Course WEB Page : <http://env.utm.utoronto.ca>

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MAT134Y5 Calculus for Life Sciences (SCI)

4

Trigonometric functions. Limits, continuity. Techniques of differentiation and integration with applications to the life sciences. Extreme values and optimization. Graphing. The fundamental theorem of calculus. Introduction to sequences and series, power series. Introduction to discrete and continuous time modeling. [72L, 24T]

Exclusion: MAT132Y5,133Y5,135Y5,137Y5,138Y5

Prerequisite: Minimum 70% in Grade 12 Advanced Functions (MHF4U)

Highly Recommended: Minimum 70% in Grade 12 Calculus and Vectors (MCV4U)

Corequisite: BIO152H5

Restricted to students in a Life Science Program**MAT135Y5** Calculus (SCI)

Trigonometric functions. Limits, continuity. Review of differential calculus; applications. Graphing, extreme values and optimization. Integration and fundamental theorem; applications. Sequences and series. Power series. Introduction to differential equations. [72L, 24T]

Exclusion: MAT132Y5,133Y5,134Y5,137Y5,138Y5

Prerequisite: Minimum 70% in Grade 12 Advanced Functions (MHF4U)

Highly Recommended: Minimum 70% in Grade 12 Calculus and Vectors (MCV4U)

MAT137Y5 Calculus (SCI)

A conceptual approach for students with a serious interest in mathematics. Geometric and physical intuition are emphasized but some attention is also given to the theoretical foundations of calculus. Material covers first a review of trigonometric functions followed by discussion of trigonometric identities. The basic concepts of calculus: limits and continuity, the mean value and inverse function theorem, the integral, the fundamental theorem, elementary transcendental functions, Taylor's theorem, sequences and series, power series. [72L, 24T]

Exclusion: MAT132Y5,133Y5,134Y5,135Y5,138Y5

Prerequisite: Minimum 70% in Grade 12 Advanced Functions (MHF4U), Minimum 70% in Grade 12 Calculus and Vectors (MCV4U)

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Last updated March 19, 2013

PHY136H5 Introductory Physics I (SCI)

An introductory course focusing on conceptual understanding and problem solving skills of subjects such as: Vector Kinematics; Forces and Newton's Laws of Motion; Dynamics of Uniform Circular Motion; Work and Energy; Impulse and Momentum; Rotational Kinematics; Rotational Dynamics; Simple Harmonic Motion and Elasticity; Waves and Sound; Interference Phenomena. [36L, 15P, 12T]

Prerequisite: Grade 12 Physics (SPH4U)/P.I.; Grade 12 Advanced Functions (MHF4U)(minimum of 70)

Corequisite: [MAT134Y5/135Y5/137Y5](#)

Recommended Preparation: Grade 12 Calculus & Vectors (MCV4U) highly recommended

Students without Grade 12 Physics (SPH4U) require P.I.

PHY137H5 Introductory Physics II (SCI)

An introductory course focusing on conceptual understanding and problem solving skills of subjects such as: Electric Forces and Fields; Gauss' Law; Electric Potential Energy and the Electric Potential; Electric Circuits; Kirchhoff's Rules; RC circuits; Magnetic Forces and Magnetic Fields; Ampère's Law; Electromagnetic Induction; Faraday's Law; Lenz's Law; The Special Theory of Relativity. [36L, 15P, 12T]

Prerequisite: [PHY136H5](#) or P.I.

STA107H5 An Introduction to Probability and Modelling (SCI)

Introduction to the theory of probability, with emphasis on the construction of discrete probability models for applications. After this course, students are expected to understand the concept of randomness and aspects of its mathematical representation. Topics include random variables, Venn diagrams, discrete probability distributions, expectation and variance, independence, conditional probability, applications such as queues. [36L, 12T]

Exclusion: [STA256H5,257H5](#); [ECO227Y5](#)

Corequisite: [MAT134Y5/135Y5/137Y5/233H5](#)

Year 2

ERS201H5 Earth Materials (SCI)

An examination of the materials (minerals and rocks) that form the Earth: intrusive, volcanic, metamorphic and sedimentary rocks are interpreted in the context of Plate Tectonics. An optional weekend field trip to the Algonquin-Bancroft area of eastern Ontario is offered. [24L, 36P]

Prerequisite: [ENV100Y5](#)/[ERS103H5](#)/[120H5](#)

ERS202H5 Dynamic Earth (SCI)

An introduction to geological time and the dynamic evolution of the surface and of the interior of the Earth. Lectures discuss the processes involved in the formation of Earth's crust, with particular focus on the structure of rocks. Practical exercises aim to teach the methods that are used to understand the geometry of rock units and the geological history of an area from information presented in geological maps. [24L, 36P]

Prerequisite: [ERS201H5](#)/P.I.

ERS203H5 Rock Forming Processes (SCI)

Many geological processes lead to the wide diversity of rocks found on and in the Earth. Melting of rocks at depth leads to volcanic activity and emplacement of magmas, forming igneous rocks. Weathering, erosion, and transport destroy mountains, carve the landscape we live in, and accumulate sedimentary rocks. Heat and pressure within the Earth metamorphose rocks as they are buried. This course focuses on how these processes can be understood by examination of rocks in the field, hand sample and thin section. [24L, 36P]

Prerequisite: [ERS201H5](#)

GGR217H5 Fundamentals of Hydrology (SCI)

Hydrology is the study of the quantity, quality, storage, and transfer of the world's freshwater. The presence of water on and in the continents and atmosphere sustains the terrestrial biosphere, including human life. This course focuses on the central concepts of hydrology by taking a systems approach to the movement and storage of water on and in a watershed. Based on the framework of the water cycle, the course emphasizes the physical processes that control

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the stores and transfers of water and energy in the Earth system. This course serves as a gateway to the more advanced treatment of hydrology in upper levels, as well as providing a solid understanding of the fundamentals of the science of water for students in other streams of physical geography, environmental science, earth science, and biology. [24L, 12P]

Exclusion: [GGR217Y5](#)

Prerequisite: [GGR112H5/117Y5/ENV100Y5](#)/4.0 credits

Course WEB Page : <http://geog.utm.utoronto.ca/courses/ggr217/>

GGR278H5 Geographical Information Systems (SCI)

Introduction to models of representation and management of geographical data for scientific analysis. Basic quantitative methods and techniques for geographic data analysis, including collection, manipulation, description and interpretation. Practical exercises using GIS and statistical software packages with examples drawn from both physical and human geography. [24L, 12P]

Prerequisite: [GGR112H5/117Y5/ENV100Y5](#)/4.0 credits

Course WEB Page : <http://geog.utm.utoronto.ca/courses/ggr278/>

Years 3 & 4

4

ERS313H5** Sedimentology (SCI)

Sedimentology concerns the formation, accumulation, alteration, and preservation of sediments in the geological record. This course will focus on the reconstruction and interpretation of ancient carbonate and siliciclastic paleoenvironments based on the analysis of sedimentary structures, depositional environments, stratigraphic successions, and fossils. The interplay between biological and geological factors responsible for sedimentary deposits will form the core of the course, including the physical transport and biological accumulation of sediments, the effects of climate-driven sea-level change on sediment deposition, and how the evolution of, and innovations within, biological systems have profoundly affected sedimentary processes over the past 3.5 billion years. This course will include a laboratory component in addition to a field trip allowing for first-hand experience with describing and interpreting sedimentological units. [24L, 36P]

Exclusion: None

Prerequisite: [ERS201H5](#), [203H5](#)

Corequisite: none

ERS315H5 Environmental Geology (SCI)

This course will focus on Earth processes as they relate to human activities. Topics include global climate change on short and long timescales; groundwater flow and contamination/human engineering of Earth processes; geological aspects of pollution and waste disposal; and environmental impact of extracting/using minerals, energy, soil, and other Earth resources. A field trip will give students a first-hand experience in aspects of human/planet interaction. [36L]

Prerequisite: **Two of:** [ERS201H5](#), [202H5](#), [203H5](#)

ERS319H5 Earth Resources (SCI)

The formation and global distribution of precious and industrial mineral deposits are introduced. Exploration methods and mining practices are discussed in terms of environmental effects and issues. Basic aspects of the economics and strategic importance of mineral reserves are also covered. Weekly field trips are included. [24L, 48P]

Prerequisite: [ERS201H5](#)

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Last updated March 19, 2013

ERS321H5 Past and Present Global Change (SCI)

The goals of this course are to discuss the geologic record of climate change and present an overview of the methods used to reconstruct the earth's climate history and the techniques used to determine the timing of environmental changes. Topics to be addressed will include paleoclimatic reconstruction, climate and climatic variation, dating methods, and climate proxies. In addition, periods of past climate change will be highlighted with particular emphasis on climate change during the recent past. [36L]

Prerequisite: **Two of:** [ERS201H5](#), [ERS202H5](#), [ERS203H5](#)

ERS322H5** Paleontology (SCI)

This is a new course currently proceeding through governance.

Prerequisite: **Two of:** [ERS201H5](#), [ERS202H5](#), [ERS203H5](#)

ERS325H5 Field Camp I (SCI)

This course, held on the north shore of Lake Huron in the summer, covers geological mapping skills, stratigraphic section measurements, and the recognition of rock types, fossils and geological structures in the field in order to interpret ancient geological environments. Students must pay the cost of transportation and accommodation. [10 days of field instruction]

Note:

This course is identical to GLG340H1. U of T Mississauga students must register in the Summer Session. This field camp is held in early Spring or late Summer.

Registration deadline: Feb. 15

Fee payment deadline: For information, go to:

www.geology.utoronto.ca/students/undergraduate-students/course-listing/3rd-year-courses/glg340h1/

Exclusion: GLG340H1

Prerequisite: [ERS202H5](#), [203H5](#)

ERS471H5 Research Project (SCI)

Arrangements for these independent research projects must be made with an Earth Science Faculty member prior to registration. Copies of the completed report must be submitted one week prior to the end of term classes. Students may take both [ERS471H5](#) and [472H5](#) in the

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Last updated March 19, 2013

same term. A component of the mark will be based on an oral presentation made at the end of the course.

Exclusion: [ERS470Y5](#)

Prerequisite: Any 2.0 credits from the ERS300 or GLG300(G) level, plus a 75% average in the last 5 courses taken.

NOTE: This half credit (0.5) course may be offered over the Fall Term([ERS471H5F](#)), Winter Term([ERS471H5S](#)) and over the full Academic Year([ERS471H5Y](#)).

GGR307H5 Environmental Soil Science (SCI)

Soils play critical roles in sustaining life. They support plants and agriculture, serve as home to a plethora of organisms, recycle organic matter and nutrients, provide materials for construction, art, and medicine, preserve paleoecological and archaeological records, regulate global climate through the exchange of greenhouse gasses, and filter contaminants in water and waste. This course introduces fundamentals of soil formation, physical, chemical and biological characteristics, and classification schemes. It explores the role of, and how humans interact with, soils in Canadian forests, wetlands, agricultural systems, and industrial and urban settings. Aspects of carbon, nutrient, and pollutant biogeochemistry in soils are explored in detail. **This course fulfills 2 field days.** [24L, 36P]

Prerequisite: 8.0 credits complete in GGR, ENV, ANT, BIO and any science course with a laboratory component or P.I.

Course WEB Page : <http://geog.utm.utoronto.ca/courses/ggr307/>

GGR315H5 Physical Hydrology (SCI)

This course centres on the advanced treatment of the physical principles involved in the occurrence and movement of water on and beneath the Earth's surface. Watershed-scale hydrologic systems are investigated, along with basic principles of fluid mechanics. Open channel hydraulics, soil water, and groundwater processes are investigated. The importance of understanding water movement in the environment by exploring the relationship of hydrology to other environmental sciences is stressed. **This course fulfills 2 field days.** [24L, 36P]

Prerequisite: [GGR214H5/217H5](#)

Course WEB Page : <http://geog.utm.utoronto.ca/courses/ggr315/>

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GGR316H5 Landforms (SCI)

Systems approach to hillslope geomorphology studies; processes of erosion and deposition; mass wasting; slope forms of humid and arid regions; process-response models; applied aspects. [24L, 12P]

Prerequisite: [GGR214H5/217H5, 227H5](#)Course WEB Page : <http://geog.utm.utoronto.ca/courses/ggr316/>**GGR317H5 Glaciers (SCI)**

This course will explore how glaciers form, how they work and how they act to shape the glacial landscape. It will review the techniques used to read the landscape in order to identify glacial landforms and sediments, and how these may be used in conjunction with analyses of glacial ice to understand how ice masses have responded to, and influenced climate change over the past 2-3 million years. The course will also build on this knowledge to explore how global glaciers and ice sheets may respond to future environmental change and the associated implications for water resources, sea-level change and terrestrial hazards. Case studies will draw on locations from around the globe but will focus in particular on environmental settings from Western Canada and Southern Ontario, while two practical exercises will focus on techniques used to assess the mass balance of glaciers (i.e. the balance between ice accumulation and ice melt) and to interpret glacial landforms and sediments. [24L, 12P]

Prerequisite: [GGR214H5/217H5/227H5](#)/P.I.Course WEB Page : <http://geog.utm.utoronto.ca/courses/ggr317/>**GGR321H5 Geographic Information Processing (SCI)**

Problem solving using geographic information systems (GIS). Essential distributed computing aspects of GIS are presented. Among topics covered are the use of logic in spatial analysis, line-of-sight analysis, route selection, site selection, and landscape analysis. Hands-on assignments are emphasized. [12L, 24P]

Prerequisite: [GGR278H5](#)Recommended Preparation: [GGR311H5](#)Course WEB Page : <http://geog.utm.utoronto.ca/courses/ggr321/>

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GGR337H5 Environmental Remote Sensing (SCI)

4

This introductory course emphasizes mastering fundamental remote sensing concepts and utilizing remotely sensed data for monitoring land resources and environmental change. Topics include surface-energy interactions, sensor systems, image interpretation, and applications for examining soil, vegetation and water resources. Upon completion of this course, students should have the necessary knowledge and skills to pursue more advanced work in digital image processing and remote sensing applications. [24L, 12P]

Prerequisite: 0.5 credit from ([GGR214H5/217H5/227H5](#)),
0.5 credit from ([GGR276H5/278H5](#))

Course WEB Page : <http://geog.utm.utoronto.ca/courses/ggr337/>

GGR338H5 Environmental Modeling (SCI)

An application of environmental models to contemporary problems of decision-making. The course demonstrates the relevance of techniques of data management (statistics, computer systems) to issues facing Canada and the global community. [24L, 12P]

Exclusion: [GGR335H5](#)

Prerequisite: Any 8.0 credits, including [GGR276H5](#); a course in Statistics recommended.

Course WEB Page : <http://geog.utm.utoronto.ca/courses/ggr338/>

JGE378H5 Natural Hazards (SSc,SCI)

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

Exclusion: GGR378, ERS317

Prerequisite: [ENV100Y5/ERS103H5/120H5/GGR112H5/117Y5](#)/P.I.



FOR APPROVAL

PUBLIC

OPEN SESSION

TO:

Academic Affairs Committee

SPONSOR:

CONTACT INFO:

Amy Mullin, Vice-Principal Academic and Dean
905-828-3719, amy.mullin@utoronto.ca

PRESENTER:

CONTACT INFO:

Amrita Daniere, Vice-Dean Graduate
905-569-4768, amrita.daniere@utoronto.ca

DATE:

November 6, 2013 for November 13, 2013

AGENDA ITEM:

5

ITEM IDENTIFICATION:

Institute for Management and Innovation (IMI) Continuing Education Certificate in Professional Development: Business Practices for Scientists

JURISDICTIONAL INFORMATION:

Under section 5 of its terms of reference, the Academic Affairs Committee is responsible for new graduate diploma and undergraduate certificate programs, and the closure of such programs, as required by the University's *Policy on Diploma and Certificate Programs*.

GOVERNANCE PATH:

- 1. Academic Affairs Committee (November 13, 2013) (for approval)**

PREVIOUS ACTION TAKEN:

The proposal for the Institute for Management and Innovation, an EDU:B at the University of Toronto Mississauga was considered by Erindale College Council on December 6, 2012 and received final governance approval by the Governing Council on February 28, 2013 with an effective date of July 1, 2013.

HIGHLIGHTS:

The Institute for Management and Innovation (IMI) is proposing a Continuing Education Certificate in Professional Development - Business Practices for Scientists. The Certificate is geared toward recent alumni and students of University of Toronto thesis-based science doctoral programs and the Master of Science in Biomedical Communications (MScBMC) program.

5

Academic Affairs Committee – Institute for Management in Innovation (IMI) Continuing Education Certificate in Professional Development

As outlined in UTM’s Academic Plan, “The vision for IMI is for different disciplines to work together to produce mission--focused managers and future leaders with a combination of management skills and depth in their chosen field of science, technology or the professions.”

The proposal for IMI outlined its ambition to develop a “Professional Certificate ... initially for chemistry and biology doctoral students ... which would complement their research degrees with education in management, finance, and business development.” The proposed Certificate has grown out of that ambition and now includes both alumni and other science based graduate programs.

The Continuing Education Certificate in Professional Development - Business Practices for Scientists will provide recent alumni along with current science-based University of Toronto doctoral students and those in the MScBMC with insight into career opportunities and strategies for creating the greatest impact from the advanced knowledge obtained in their research degrees. The activities within the Certificate will include elements from business networking events in the external community such as the Research Innovation Commercialization Centre (RIC Centre), webcasts or attendance at seminars in business practices offered by IMI, mentoring events offered by the UTM Career Centre, courses offered by the School of Continuing Studies (SCS), and activities offered by Venture, a graduate student organization at the University of Toronto, whose role is to facilitate the transition from an academic to a professional environment for students pursuing advanced degrees.

The Certificate’s suite of activities is unique in that it will draw in part on specialized activities that exist only at UTM and in the local community including IMI seminars, and the RIC Centre events – which will ensure that participants are integrated into networking events for business. In order to be eligible for participation , participants must either be recent graduates (past two years) of or be registered in a thesis-based University of Toronto PhD program with a strong science basis or the MScBMC program.. Space is limited and preference will be given to alumni from and students in science-based PhD programs affiliated with the UTM campus. The learning outcomes include exposure to business concepts of finances and financing, intellectual property, regulatory issues, knowledge transition, team assembly and management, project management, entrepreneurship, presentation and communication skills, and professional development.

This proposal has been developed in partnership with Venture, the Director of IMI, IMI program faculty and the Director of the UTM Career Centre. There has been consultation with the University of Toronto Mississauga Association of Graduate Students (UTMAGS), the leadership of the School of Continuing Studies, the Chairs of the Departments of Biology, Chemical and Physical Sciences, and Psychology, and all are in support of this proposal.

FINANCIAL IMPLICATIONS:

There are no significant resource implications. Participation in the Certificate will be limited to a maximum of 20 per year. Existing IMI program staff will manage participant selection, registration, confirmation of attendance, and minor administrative tasks associated with the submission of reports.

Academic Affairs Committee – Institute for Management in Innovation (IMI) Continuing Education Certificate in Professional Development

There will be one faculty member affiliated with IMI whose task will be to manage the academic needs such as review of reports, and confirmation of completion of the proposed Certificate. These activities will be recognized as service to IMI.

Participants pursuing the Certificate will pay tuition for School of Continuing Studies courses in which they register, and will be charged a small fee for covering the costs associated with networking events (i.e. use of room, and refreshments)

There are no space or infrastructure needs to operate the Certificate as existing space will be utilized.

RECOMMENDATION:

Be It Resolved,

THAT the proposed Institute for Management and Innovation (IMI) Continuing Education Certificate in Professional Development - Business Practices for Scientists, be approved, effective January 1, 2014.

DOCUMENTATION PROVIDED:

Continuing Education Certificate in Professional Development: Business Practices for Scientists

University of Toronto Mississauga

New *Certificate

Section 1

5

Version Date:	October 20th, 2013
Faculty / Academic Division:	University of Toronto Mississauga
Faculty / Academic Division Contact:	Melissa Berger Program and Curriculum Officer Office of the Dean, UTM melissa.berger@utoronto.ca
Department / Unit (if applicable) where the certificate will be housed:	Institute for Management and Innovation (IMI)
Department/Unit Contact:	Ulrich Krull ulrich.krull@utoronto.ca 905-828-5437
Name of certificate:	Continuing Education Certificate in Professional Development - Business Practices for Scientists
Anticipated start date of the certificate:	January 1, 2014

Section 2

1. Executive Summary

The University of Toronto Mississauga (UTM) is proposing to create a Certificate in Continuing Education in the area of business practices through the Institute for Management and Innovation (IMI). The proposed Certificate is specifically geared toward recent alumni and students of University of Toronto thesis-based science doctoral programs and the Master of Science in Biomedical Communications (MScBMC) program. Registration will be limited and preference will be given to those students and recent alumni (graduation within past two years) affiliated with UTM.

Building on strong connections with business and government, IMI is designed to capitalize on the research and teaching assets of UTM. The Institute integrates sector-specific, experiential management education at the heart of an academic matrix that encompasses health, science, environment and business sectors at the undergraduate, graduate and professional levels. IMI serves as the singular point of convergence for interdependent interests of academe, government and industry in the Region of Peel and southern Ontario in a new and visionary way. In bringing together expertise in key areas IMI shifts the way innovation is taught, and how research and new knowledge can be adopted to transform and advance globally minded communities. IMI serves to administer and support the proposed certificate, which is entirely consistent with the mandate of IMI (Appendix 1).

IMI activities include support of thesis-based graduate students and alumni. The present opportunity to

move this activity forward results from a recent request posed by Venture, which is a graduate student organization created to enrich professional development and promote transitions to non-academic careers.

2. Certificate Rationale

The Continuing Education Certificate in Business Practices for Scientists provides recent alumni along with current science-based University of Toronto doctoral students and those in the MScBMC with insight into career opportunities and strategies for creating the greatest impact from the advanced knowledge obtained in their research degree. The certificate activities include elements from business networking events in the external community such as the Research Innovation Commercialization Centre (RIC Centre), webcasts or attendance at seminars in business practices offered by IMI, mentoring events offered by the UTM Career Centre, courses offered by the School of Continuing Studies (SCS), and activities offered by Venture - a graduate student organization at the University of Toronto, whose role is to facilitate the transition from an academic to a professional environment for students pursuing advanced degrees.

There is no other similar professional development certificate aimed at this audience. The certificate activities are unique in that they draw in part on specialized activities that exist only at UTM and the local community including IMI seminars, and the RIC Centre events (which will ensure participants are integrated into networking events for business). There are some opportunities for thesis-based science graduate students at the University of Toronto (UofT) to be exposed to business through the MaRS Discovery District, and also through the Department of Chemistry. These latter avenues tend to be focused on support of entrepreneurs rather than on offering a broad exposure to business practices.

3. Need and Demand

Statistics indicate that approximately only 15% of science-based PhD graduate students will end up in academia, with the large majority entering industry and government employment or independent business. The science departments at UTM offer excellent education and training for those who will continue onwards in academic careers. However, they do not offer activities that provide opportunities to learn about business practices. This certificate is intended as a useful platform to improve the success of our alumni and students who opt for a non-academic career trajectory.

4. Eligibility Requirements

In order to be eligible for participation alumni and students must either have graduated from or be registered in a thesis-based University of Toronto PhD program with a strong science basis or the MScBMC program. Space is limited and preference will be given to alumni from and students in science-based PhD programs affiliated with the UTM campus. Admissibility, registration, records of progress and recognition of completion of certificate requirements will be managed by IMI.

5. Admission Requirements

Participants must be alumni of (graduated within the past two years) or be registered in a thesis-based PhD program with a strong science basis, or the MScBMC program. The Certificate specifically addresses

needs of science-based PhD and MScBMC students and alumni who wish to pursue non-academic careers. The learning outcomes include exposure to business concepts of finances and financing, intellectual property, regulatory issues, knowledge translation, team assembly and management, project management, entrepreneurship, presentation and communication skills, professional network development.

6. Certificate Requirements

There are five elements that must be completed to satisfy the requirements of the Certificate, and all work must be completed within one year from the time of enrolment. Appendix 2 presents a visual summary of the components and route that participants will take to complete the certificate:

1) Webcasts or attendance at IMI seminars¹: The requirement for completion of the Certificate is viewing webcasts or attending and sending brief feedback on a minimum of 12 of these seminars on business practices.

2) Participants will complete 2 courses from the following selection of courses offered by the School of Continuing Studies:

SCS 0082 Business Economics;

<http://2learn.utoronto.ca/uoft/search/publicCourseSearchDetails.do?method=load&courseId=106746>

SCS 0977 Business Management;

<http://2learn.utoronto.ca/uoft/search/publicCourseSearchDetails.do?method=load&courseId=106109>

SCS 1241 Effective Communication and Negotiation;

<http://2learn.utoronto.ca/uoft/search/publicCourseSearchDetails.do?method=load&courseId=498043>

SCS 1860 Foundations of Project Management;

<http://2learn.utoronto.ca/uoft/search/publicCourseSearchDetails.do?method=load&courseId=1449496>

SCS 2121 Principles of Operations Management;

<http://2learn.utoronto.ca/uoft/search/publicCourseSearchDetails.do?method=load&courseId=1711790>

SCS 2379 Foundations of Business Analysis;

<http://2learn.utoronto.ca/uoft/search/publicCourseSearchDetails.do?method=load&cms=true&courseId=9108096>

SCS 2539 Foundations of Business Innovation;

<http://2learn.utoronto.ca/uoft/search/publicCourseSearchDetails.do?method=load&courseId=13266228>

SCS 2756 Employment in Life Sciences;

¹ Example of recent event: <http://www.utm.utoronto.ca/mbiotech/astrazeneca-seminars/inaugural-institute-management-and-innovation-seminar-sustainability-and>

<http://2learn.utoronto.ca/uoft/search/publicCourseSearchDetails.do?method=load&courseId=20651585>

SCS 2757 Good Manufacturing Practice (GMP) and Good Laboratory Practice (GLP);

<http://2learn.utoronto.ca/uoft/search/publicCourseSearchDetails.do?method=load&courseId=20651931>

3) Participation at Research Innovation Commercialization (RIC) Centre Events: The RIC Centre is a registered not-for-profit organization that offers support to entrepreneurs and innovators who want to take their great ideas to market in advanced manufacturing, life science and emerging technologies. The RIC Centre is created through partnership with the Ontario ONE Network and community partners in Mississauga, Brampton and Caledon; Region of Peel; Sheridan College; University of Toronto Mississauga and MaRS Discovery District. The requirement for completion of the Certificate is attendance at a minimum of 6 of these events¹. A one-page summary of the highlights of what was presented and learned will be submitted after each event.

4) Participation at Venture Connection Events and relevant UTM Career Centre Events: The requirement for completion of the Certificate is attendance at a minimum of 2 of these professional development events². A half-page summary of the highlights of what was presented, learned and any particularly significant networking contacts would be submitted after each event.

5) The final step for Certificate completion is the submission of an exit document. This document will serve as a notification of the request for completion, and would include a summary of all activities completed towards the requirements of the Certificate and also a statement of the value of these experiences in exposure to business practices.

7. Learning Outcomes

Seminar series on business practices:

Participants in the Certificate will be expected to attend or view webcasts of a minimum of 12 IMI seminars. Through viewing these presentations participants will learn about business practices including translation of technology into industry, and will have an understanding of models of knowledge translation. After attending or viewing each seminar, participants will be required to submit a comment card summarizing the discussions in a short paragraph.

Professional Development/Entrepreneurism:

To help participants develop their business acumen, they will be expected to attend monthly breakfast meetings that are hosted by RIC Centre. These meetings may take place at UTM or at a number of other sites in Mississauga and Brampton. The RIC Centre is a virtual incubator that supports creative technical innovators to get to the marketplace successfully. Breakfast meetings usually involve speakers from industry and government who introduce experiences and opportunities for business development. This type of event will discuss how businesses manage to succeed (financing, partnerships, regulatory, IP issues). Furthermore, these events are a good opportunity for participants to network with professionals associated with aspiring businesses, enterprising companies, service providers and government organizations. In addition, participants will develop communication and networking skills. RIC Centre also

¹ <http://riccentre.ca/programs/growing-your-business/current-season/>

² Example of recent event: <http://utmags.sa.utoronto.ca/2012/10/19/utmags-and-ventures-graduate-student-networking-night/>

hosts an annual case competition where entrepreneurs present their business plan to an expert panel of potential investors. This will event will provide an opportunity for professional skills development by those who opt to participate in this competition.

In addition to attending RIC Centre events, participants in the Certificate must also attend biannual Networking Nights hosted by Venture along with some events in partnership with the UTM Career Centre. These events will allow participants to meet with successful professionals who have obtained advanced degrees, and will help participants expand their professional network and abilities in networking.

School of Continuing Studies (SCS) Courses:

The SCS offers a Certificate in Life Science Enterprise¹, and has mounted a number of additional courses that support learning about business practices. Participants will select 2 of the listed courses that are offered by SCS, allowing breadth so that participants can best match their interests (see pages 5-6). The topics are fundamental to development of a functional background to participate in the science related business sector.

8. Consultation

This proposal has been developed in partnership with “Venture”, a graduate student organization at the University of Toronto (UofT), whose role is to facilitate the transition from an academic to a professional environment for those students pursuing advanced degrees. The proposal also was discussed with and has the support of the Director of the RIC Centre. Further participants who have developed the proposal include the Director of IMI, the Director of the M.Biotech program, and the Director of the Career Centre. Consultation and information dissemination has included the leadership of UTM Association of Graduate Students (UTMAGS - the recognized graduate student organization at UTM), the leadership of the School of Continuing Studies, the Chairs of the Departments of Biology, Chemical and Physical Sciences and Psychology, and the Vice-Dean, Graduate, UTM.

The IMI seminar series will include speakers and topics that are suitable for participants in the Certificate. The SCS courses welcome further enrolments. The Director of the RIC Centre is supportive of participation at breakfast meetings by those in the Certificate who wish exposure to business and entrepreneurship. The academic leadership of SCS and UTM have been consulted and are in support of this proposal.

9. Resources:

There are no significant resource implications. Participation would be limited to a maximum of 20 per year. Existing IMI program staff will manage participant selection, registrations, confirmation of attendance and small administrative tasks associated with submission of reports. One faculty member affiliated with IMI will manage the academic needs (review of reports, and confirmation of completion of the proposed Certificate).

Those pursuing the Certificate will pay tuition for the SCS courses they take, and will be charged a small fee for some networking events for covering the costs of room use and refreshments.

¹ <http://learn.utoronto.ca/courses-programs/business-professionals/certificates/certificate-in-life-science-enterprise>

Table 1: Detailed listing of committed faculty

<i>Faculty name and rank</i>	<i>Home unit</i>	<i>Area(s) of Specialization</i>
Ulrich Krull	Chemical and Physical Sciences	Chemistry and biotechnology, entrepreneurship
Scott Prosser	Chemical and Physical Sciences	Membrane proteins and model systems

a. Space/Infrastructure needs/requirements:

There are no unique space/infrastructure needs/requirements.
--

APPENDIX 1: OVERVIEW OF THE INSTITUTE FOR MANAGEMENT AND INNOVATION

The University of Toronto Mississauga (UTM) has created a new Extra Departmental Unit (EDU):B as of July 1, 2013, named the Institute for Management and Innovation (IMI). UTM currently offers undergraduate programs in commerce and management, and interdisciplinary professional graduate programs combining the study of a particular science, profession, or industrial sector with that of management. IMI will provide an academic platform to foster close interactions and sharing of expertise between the faculty, staff and students in these programs, offering some of those programs, while supporting and enriching others. It will encourage implementation at the undergraduate level of pedagogical values of and experiential learning activities carried out in the graduate programs at UTM and will provide new opportunities, such as combined programs, to facilitate movement from undergraduate into graduate programs. IMI will provide new means for a range of disciplines to work together to produce mission-focused managers and future leaders with a combination of management skills and depth in their chosen field of science, technology and the professions, all closely linked to the external community.

Faculty will hold cross-appointments (predominantly non-budgetary) if they teach in the interdisciplinary undergraduate or graduate programs associated with IMI, and/or play a key role in the interdisciplinary research programs it fosters, and have a significant commitment to an interdisciplinary approach to the study of management. This will include many of the current faculty in the Departments of Economics, and Management at UTM, as well as many of the faculty who teach in professional masters programs offered at UTM.

IMI will advance both research about and teaching of the management of scientific, technological and professional enterprises. It will educate innovators with expertise and understanding that bring together management, professional, scientific, and sector-specific knowledge, uniquely situated to guide decisions based upon the latest knowledge required to innovate within their sector of the economy. IMI's graduates will become leaders in their sectors of the economy.

Mandate

The IMI has educational and research mandates:

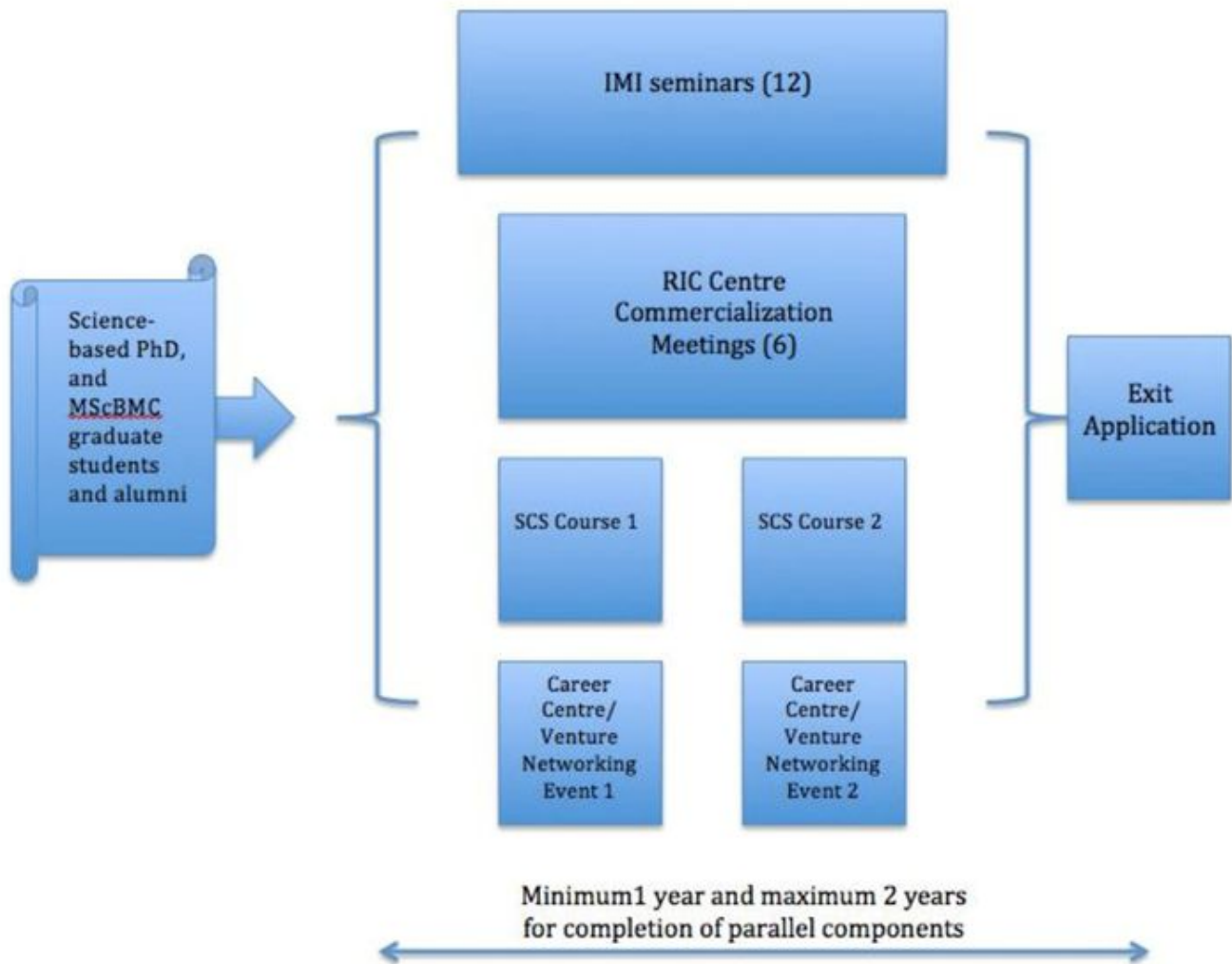
☒ By offering or providing support to sector-specific, cross-disciplinary, and experiential programs that combine the study of a science, profession or industrial sector with management, it will foster the development of mission-focused graduates who will be able to contribute innovatively, and to provide innovation in, activities that depend on that science, profession, or industrial sector.

☒ It will foster research and scholarship in areas relevant to the programs with which it is associated, in particular (but not exclusively) on the role of innovation and management in the development of the sciences, industrial sectors, and professions associated with its teaching activities.

The full proposal for the Institute for Management and Innovation is located at:

http://www.utm.utoronto.ca/governance/sites/files/governance/public/shared/File_2012-13/UTM%20-%20Proposal%20for%20an%20EDU_B_%20Institute%20for%20Management%20and%20Innovation%20%28IMI%29%20-changes%20Dec%203%202012%20-%20FINAL.pdf

Appendix 2: Summary of the components and route that participants will take to complete the certificate





FOR APPROVAL

PUBLIC

OPEN SESSION

TO: Academic Affairs Committee

SPONSOR: Amy Mullin, Vice-Principal Academic and Dean

CONTACT INFO: 905-828-3719, amy.mullin@utoronto.ca

PRESENTER: See Sponsor.

CONTACT INFO:

DATE: November 6, 2013 for November 13, 2013

AGENDA ITEM: 6

6

ITEM IDENTIFICATION:

Minor Undergraduate Curriculum changes: Humanities, Sciences and Social Sciences

JURISDICTIONAL INFORMATION:

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

GOVERNANCE PATH:

- 1. Academic Affairs Committee (November 13, 2013) (for approval)**

PREVIOUS ACTION TAKEN:

Minor undergraduate curriculum changes in the Humanities, Sciences and Social Sciences for the 2013-14 academic year were approved under the previous governance model by the Academic Affairs Committee on November 27, 2012.

HIGHLIGHTS:

The UTM Departments underwent a significant review of all possible course exclusions and course equivalents of existing courses at UTM from existing courses found at the University of Toronto St. George (UTSG) and the University of Toronto Scarborough (UTSG) as part of a tri-campus review process. These course exclusions/equivalents have been identified in the curriculum reports for the Divisional Curriculum Committees and constitute many of the changes found in these reports.

The Curriculum Reports are comprised of Major and Minor curriculum changes. In the context of the University of Toronto Quality Assurance Process (UTQAP), Major changes involve new programs (Minors, Majors, and Specialists), closure of programs, major modifications to existing

Academic Affairs Committee – Minor Undergraduate Curriculum changes: Humanities, Sciences and Social Sciences

programs, the creation of transcript notations, and certificates. The remainder of the curricular changes are intended to have significant positive impact on a cumulative basis, but are considered to be Minor changes in the context of the UTQAP. The reports will identify the calendar copy information for Major changes, such as new and/or deleted programs, as well as any changes stemming from major modifications to existing programs, but the full proposals for these Major changes will be submitted separately to the AAC throughout the governance year.

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

Humanities Divisional Curriculum Committee

In the report for the Humanities Divisional Curriculum Committee there are three calendar entries for New Freestanding Minor Programs; Ethics and Society, proposed by the Department of Philosophy; Latin American and Caribbean Studies, proposed by the Department of Historical Studies; and Visual Culture, proposed by the Department of Visual Studies. As mentioned above, the full proposals will be coming forward for approval throughout the governance year.

There is one program scheduled for closure, the Logic Major offered by the Department of Philosophy. This program was created at a time when there was significant Faculty and student interest in the area of Logic. Over time, student and Faculty interest in this area has waned and registrations declined as a result. It is being proposed that this program go through the formal closure procedures as outlined in the UTQAP and a full proposal will be brought forward at the next AAC meeting in January. Standardized language will be included in the UTM Academic Calendar informing students of this pending closure, and all registrations were closed to this program effective September 1st, 2013 with students having been notified in advance. Academic counselling will be made available to these students should they require it.

There were a number of minor programmatic changes, which include addition/deletion of course requirements, added clarification to program requirements, and the expansion of upper level course requirements. A number of new courses are being introduced, which include a course offered by Theatre and Drama called Repertory Theory in Practice: The Shaw Festival, which will enable students to be on-site at the Shaw Festival in Niagara-on-the-Lake, Ontario to attend productions and lectures, interview actors, directors, designers, etc. Various other new courses have been developed by Historical Studies, Italian, Linguistics, Philosophy, Religion, Women and Gender Studies, etc.

There are a number of courses being deleted due to various reasons, which include a lack of faculty in the Departments/Institute to teach the courses, course reweighting, or because the courses have not been offered for a number of years. There are five courses that have been renumbered, to better enhance the scope and year-level for these course offerings to ensure that students will be getting the most out of the content. There have been a number of course description changes to better reflect the number of lecture/tutorial/practicum hours, as well as to enhance, clarify, or explain the content of the courses being taught. Some courses have benefitted from a name change, due to various reasons such as allowing for a better description of the materials being taught, to provide greater focus and emphasis and to also provide greater clarity.

Social Sciences Divisional Curriculum Committee

There were a number of minor programmatic changes which include addition/deletion of course and grade requirements, added clarification to program requirements, inclusion of courses that were divided into two halves, and the expansion of upper level course requirements. A number of new courses are being introduced, which include a course offered by Economics on the Growth and Development of the Chinese Economy that reflects the significant and increasing global economic importance of China. Other new courses include those from the Departments of Geography/Environment, Economics, and Sociology and the Institute of Communication, Culture, Information and Techology (ICCIT).

There are four courses being deleted that include a course in the CCIT program, which has not been offered for several years, and two Sociology courses that have not been taught by department faculty for some time. There are four courses that have been renumbered, to streamline and better enhance the scope and year-level for these course offerings to ensure that students will be getting the most out of the content. There have been a number of course description changes to better reflect the number of lecture/tutorial/practicum hours, as well as to enhance, clarify, or explain the content of the courses being taught. Some courses have benefitted from a name change, due to various reasons such as allowing for a better description of the materials being taught, to provide greater focus and emphasis and to also provide greater clarity.

Sciences Divisional Curriculum Committee

There were a number of minor programmatic changes, which include addition/deletion of course and grade requirements, added clarification and streamlining of program requirements, inclusion of courses that were divided into two halves, and the expansion of upper level course requirements. A number of new courses are being introduced which include courses offered by Biology such as Introductory Animal Physiology and Introductory Plant Morphology and Physiology which will provide students with a deeper understanding of plant and animal physiology. Other new courses include those from Anthropology, Chemistry, Computer Science and Geography/Environment.

There are a few courses being deleted which include an Anthropology course due to a lack in faculty to teach this course, a Physics course and a science CCIT course which have not been offered for several years, a Psychology course is being deleted to help streamline the course offerings in the Department, and a two Biology courses are to be deleted due to course content that will be integrated into other biology courses. There are nine courses that have been renumbered, to streamline and better enhance the scope and year-level for these course offerings to ensure that students will be getting the most out of the content. There have been a number of course description changes to better reflect the number of lecture/tutorial/practicum hours, as well as to enhance, clarify, or explain the content of the courses being taught. Some courses have benefitted from a name change, due to various reasons such as allowing for a better description of the materials being taught, to provide greater focus, emphasis and clarity.

The Decanal Divisional Curriculum Committees (Humanities, Social Sciences, and Sciences) met in September and October of 2013 to discuss and review the Minor Undergraduate Curriculum changes.

Academic Affairs Committee – Minor Undergraduate Curriculum changes: Humanities, Sciences and Social Sciences

These curriculum committees consist of the Chairs, Associate Chairs or Chair's designates of each UTM Department and Institute.

FINANCIAL IMPLICATIONS:

Resource implications for various course changes and new course additions were noted in the curriculum reports and were discussed and approved by the Office of the Dean. New courses that do not require resources will be taught by existing or new faculty. All library resources have been discussed and approved by the Hazel McCallion Academic Learning Centre (HMALC). All resource implications for the Major Changes have been discussed and approved by the Office of the Dean and will be highlighted in the covering memorandum for those items when they come forward for approval separately.

RECOMMENDATION:

Be It Resolved,

THAT the proposed Humanities undergraduate curriculum changes for the 2014-15 academic year, as detailed in the respective curriculum reports, be approved.

Be It Resolved,

THAT the proposed Sciences undergraduate curriculum changes for the 2014-15 academic year, as detailed in the respective curriculum reports, be approved.

Be It Resolved,

THAT the proposed Social Sciences undergraduate curriculum changes for the 2014-15 academic year, as detailed in the respective curriculum reports, be approved.

DOCUMENTATION PROVIDED:

1. Humanities Curriculum Report
2. Sciences Curriculum Report
3. Social Sciences Curriculum Report

Humanities

Humanities

HUMANITIES - Table of Contents

SUMMARY OF COURSE CHANGES.....1

New Programs.....2

Programs - Resource Implications.....4

Deleted Programs.....5

Programs - Other Changes.....6

New Courses.....17

Courses - Resource Implications.....28

Deleted Courses.....45

Renumbered Courses.....48

Rewighted Courses.....49

Courses - Description Changes.....50

Changes in Course Name.....55

Courses - Other Changes.....58

SUMMARY OF COURSE CHANGES

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Cinema Studies	0	0	0	0	0	11
Classics	0	1	3	0	0	13
Communication, Culture, Information and Technology	0	0	1	0	0	1
Diaspora and Transnational Studies	0	0	0	0	0	1
Drama	0	0	0	1	0	0
English	0	0	0	0	1	1
Erindale Courses	0	0	0	0	0	0
Fine Art History (FAH)	0	0	5	1	0	46
Fine Art Studio (FAS)	0	0	0	0	15	11
French	0	0	0	1	2	4
History	0	1	10	3	0	19
History of Religions	0	1	1	5	0	13
Italian	4	1	1	12	0	0
Language Studies	2	0	0	1	8	0
Linguistics	0	0	0	2	1	6
Philosophy	0	0	2	4	3	21
Visual Culture and Communication	0	0	2	0	0	20
Women and Gender Studies	0	1	0	1	1	9
utmONE	0	0	0	1	0	4

6

New Programs

Program #1 ERMIN**** Visual Culture - Minor

4.0 total credits are required, including at least 1.0 credit at the 300/400 level.

First Year	VCC101H5
Second Year	At least 1.0 credit at the 200 level in VCC/CIN
Upper Years	2.5 credits at the 300/400 level in VCC/CIN/VST or CLA235H5, ENG235H5, ANT208H5

Rationale for creation: The expected impact of the new Minor in Visual Studies is an enrichment of UTM's offerings in Visual Studies and a potential supplement to other programs of study at UTM such as Classics, Anthropology, and Drama, in which the visual plays a prominent role. This change is in alignment with our proposal for a New Freestanding Minor Program: ERMIN####, Visual Culture.

Program #2 ERMIN0562 Latin American and Caribbean Studies - Minor

4.0 total credits, including 1.0 at the 300/400 level.

First Year	0.5 credit in HIS290H5. It is recommended that this course be taken in the first year.
Higher years	<p>Courses that can be counted toward this program are drawn from a range of offerings in the Humanities and Social Sciences at UTM. In order to complete the program, students will be required to take a total of 3.5 FCEs in at least two distinct disciplines selected from the list below:</p> <p>FRE391H5; FSL205Y5; GGR369H5, HIS330H5, 345H5, 390H5, 391H5, 454H5, 490H5, 494H5; LIN366H5, 466H5; POL320Y5, 360H5, 361H5; SOC253H5; SPA100Y5, 220Y5, 259H5, 320Y5, 323H5</p> <p>Depending on the focus of the course, the following courses that may qualify on a year-to-year basis, Please check with the relevant department:</p> <p>ANT310H5, 320H5; DTS201H5; POL404Y5, 438Y5, 485H5, 487H5; VCC306H5, 406H5; WGS200Y5, 368H5, 369Y5, 350H5, 370H5, 450H5</p>

Rationale for creation: The LACS Minor will provide formal recognition for students studying the social, political, and economic realities of Latin America and the Caribbean while also providing increased opportunities for formal outreach both on campus and with the City of Mississauga and the GTA. This change is in alignment with our proposal for a New Freestanding Minor Program: ERMIN0562, Latin American and Caribbean Studies.

Program #3 ERMIN1618 Ethics and Society - Minor

Through this program, students will gain a deeper understanding of ethical theories and their application in various social contexts, and of particular ethical issues that arise in areas such as health care, the environment, legal systems and

political institutions. Students are required to take 1.0 course in introductory philosophy; 1.0 course in the area of Ethics and Value theory, at least 0.5 course at the 300 or 400 level; and 1.5 courses of Social Science (selected in consultation with Faculty advisor).

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

First or Second Year	PHL105Y5 or PHL210Y5 or two of: PHL145H5, PHL235H5, PHL240H5, PHL241H5, PHL244H5, PHL255H5, PHL258H5, PHL285H5
Second or Third Year	PHL265H5*, or PHL271H5, PHL275H5* and either (a) 1.5 courses from ANT, ECO, POL, PSY, SOC. or (b) 1.0 course from ANT, ECO, POL, PSY, SOC and one of PHL265H5*, 267H5, 271H5, 273H5, 274H5, 275H5*, 283H5, 365H5, 370H5, 375H5, or 475H5, or (c) 1.0 course from ANT, ECO, POL, SOC and PHY277Y5
Third and Fourth Year	1.0 course from the following:PHL265H5*, 267H5, 271H5, 273H5, 274H5, 275H5*, 277Y5, 283H5, 365H5, 370H5, 375H5, or 475H5
*NOTE:	PHL265H5 and PHL275H5 are proposed new courses.

Rationale for creation: The Department of Philosophy is proposing a new Minor called Ethics and Society. This new Minor is an ideal platform in preparing students to be responsible citizens facing societal issues such as responsible engagement with the environment, gender issues, intergenerational justice, the morality of war, civil liberties and political equality. This change is in alignment with our proposal for a New Freestanding Minor Program: ERMIN1618 Ethics and Society.

Programs - Resource Implications

Program #1 ERMAJ0231 Philosophy (Arts)

Resource implications: None.

Program #2 ERMAJ0615 Art History (Arts)

Resource implications: No resource implications.

Program #3 ERMAJ0714 Art and Art History (Arts)

Resource implications: No resource implications.

Program #4 ERMIN** Visual Culture**

Resource implications: No resource implications.

Program #5 ERMIN0231 Philosophy (Arts)

Resource implications: None.

Program #6 ERMIN0562 Latin American and Caribbean Studies

Resource implications: No resource implications.

Program #7 ERMIN0615 Art History (Arts)

Resource implications: No resource implications.

Program #8 ERMIN1407 Diaspora and Transnational Studies (Arts)

Resource implications: No resource implications.

Program #9 ERMIN1618 Ethics and Society

Resource implications: None

Program #10 ERSPE0615 Art History (Arts)

Resource implications: No resource implications.

Program #11 ERSPE0714 Art and Art History (Arts)

Resource implications: No resource implications.

Program #12 ERSPE1384 International Affairs (Arts)

Resource implications: None

Deleted Programs

Program #1 ERMAJ1736 Logic (Arts)

Logic (Arts): The major was created in the 1980s at a time when there was significant Faculty interest in the area and Logic had a prominent position in the field. Over time, student and Faculty interest in this area has waned and course enrollments/subject POST registrations have declined as a result. Although the number of students currently enrolled in the Major is apparently high (46), only 5 students have graduated with the Logic Major in the last 7 years. There are a few courses in the program (PHL347H5, PHL348H5 Metalogic, PHL350H Philosophy of Language, and PHL451H5 Seminar in Philosophy of Language and Logic) which have very low enrolments which is costing the Department resources in order to offer these courses with the frequency (ideally at least every other year) that the Logic Major requires. Although the Department still has strong Faculty who teach in this area (and Logic still is an important concentration in Philosophy), the conditions today are significantly different. The landscape across North America has changed and almost no other university offers a specialized Logic major at the Undergraduate level. Specialized logic courses traditionally attract relatively few students and consequently the Logic Major requires a significant investment of teaching resources. In a recent External Review of the Department the reviewers agreed, concluding that "our own view is that a specialized program of this should be maintained on the campus only if there are UTM faculty who are passionately invested in its maintenance flourishing". The Department believes its resources could be better used elsewhere, providing courses that can potentially attract a large number of students.

Programs - Other Changes

Program #1 ERMAJ0151 History of Religions (Arts)

Rationale for change: The department now has a permanent Faculty member to teach the RLG101H5 - Introduction to the Study of Religion and other disciplines in the department have moved in the direction of creating in discipline-specific gateway courses that prepare the students better for upper level courses.

Before:

First Year 0.5 credit in **HIS101H5**. It is recommended that this course be taken in the first year.

After:

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

Program #2 ERMAJ0231 Philosophy (Arts)

Rationale for change: Minor changes to the Major program to accommodate new courses in the program requirements.

Before: Students must complete a program of 7.0 credits in Philosophy, at least 3.0 of which must be at the 300/400 level. The program must include:

- at least 2.5 credits in the History of Philosophy: PHL202H5, 210Y5 and 1.0 additional credit from PHL220H5, 300H5, 307H5, 313H5, 314H5, 315H5, 324H5, 325H5, 327H5, 400H5, 416H5, 420H5;
- at least 0.5 credit in Logic: PHL245H5;

- at least 1.0 credit in Metaphysics and Epistemology: from **PHL332H5**, 333H5, 340H5, 341H5, 342H5, **355H5**, 358H5, 360H5, 430H5, CCT314H5, 415H5;

- at least 1.0 credit in Ethics and Political Philosophy: PHL277Y It is strongly recommended: that students begin their study of Philosophy with PHL105Y5; and that students planning to enrol in the Major Program in Philosophy complete at least 2.0 credits of PHL202H5, 210Y5, 245H5 and 277Y5 by the end of their second year.

After:

Students must complete a program of 7.0 credits in Philosophy, at least 3.0 of which must be at the 300/400 level. The program must include:

- at least 2.5 credits in the History of Philosophy: PHL202H5, 210Y5 and 1.0 additional credit from PHL220H5, 300H5, 307H5, 313H5, 314H5, 315H5, 324H5, 325H5, 327H5, 400H5, 416H5, 420H5;
- at least 0.5 credit in Logic: PHL245H5;

- at least 1.0 credit in Metaphysics and Epistemology: from **PHL240H5, 258H5, 332H5**, 333H5, 340H5, 341H5, 342H5, **350,355H5**, 358H5, 360H5, 430H5, CCT314H5, 415H5;

- at least 1.0 credit in Ethics and Political Philosophy: PHL277Y **or PHL275H5 and one of PHL265H or PHL275H** It is strongly recommended: that students begin their study of Philosophy with PHL105Y5; and that students planning to enrol in the Major Program in Philosophy complete at least 2.0 credits of PHL202H5, 210Y5, 245H5 and 277Y5 by the end of their second year.

Program #3 ERMAJ0382 Classical Civilization (Arts)

Rationale for change: The deletion of HIS101H5 as a prerequisite for the Classics program is mandated to harmonize the Classics program requirements with those of other programs in Historical Studies which have decided to remove HIS101H5 as a prerequisite as this course is not being taught with a Classical Civilizations focus.

Before:

First Year **HIS101H5; in addition, 0.5** credits from the following list: CLA101H5, 230H5, 231H5, 233H5, 237H5.

After:

First Year **1.0** credits from the following list: CLA101H5, 230H5, 231H5, 233H5, 237H5.

Program #4 ERMAJ0615 Art History (Arts)

Rationale for change: VST foundations courses were removed. Course codes updated for intro. courses.

Before:

For a major program, 7.0 credits are required from offerings in ~~FAH and~~ VCC, distributed in four areas (see notes). For the list of VCC courses that satisfy requirements for the Art History Major, see the departmental website or the undergraduate counsellor. Courses must include ~~VST100H5, VST101H5, FAH202H5, VCC201H5~~, plus 2.0 ~~other~~ FAH courses at the 200 level (see following) and 3.0 at the 300/400 level, of which 0.5 must be at the 400 level. Please note that no St. George courses may be substituted for the required 100 or 200 level courses. (For one exception see note 2 below). Students enrolled before Fall 2003 should consult the undergraduate counsellor about completion of their program. Notes:

- A minimum of 1.0 credit at any level must be taken in each of the following four areas: Ancient & Medieval; 15th-18th centuries; 19th-21st centuries; Visual Culture and Theory. It is highly recommended that students take at least one 300- or 400-level H course in at least three of the four areas. Some courses may satisfy more than one of the distribution requirements. See the departmental website for the distribution of courses by area: www.utm.utoronto.ca/dvs

- VCC207H5 and VCC209H5 do not satisfy FAH 200-level requirements. ~~One~~ 0.5 credit at the 200-level in FAH may be taken at St. George in an area not covered by U of T Mississauga's offerings (i.e. one of the following courses: FAH248H1, FAH260H1, FAH262H1, FAH270H1, FAH272H1).

- Courses with significant Art History or Visual Culture content in other programs, such as CCIT, Cinema Studies, Philosophy, Drama, English, History, East Asian Studies, and Near and Middle Eastern Civilizations, may be substituted for up to 1.0 FAH/VCC credit only with permission, prior to enrolment, from the program director. For possible substitutes see the undergraduate counsellor.

- RECOMMENDED LANGUAGE STUDY: Students wishing to pursue graduate studies in Art History must acquire a basic reading knowledge of at least two languages. A minimum of 2.0 in one language, or 1.0 in two languages (total 2.0) is recommended. German, French, and Italian are recommended.

- No more than 10.0 FAH credits may be taken.

First Year ~~2.0~~ credits: ~~VST100H5, VST101H5, FAH202H5, VCC201H5~~

Second Year ~~2.0~~ FAH credits at the 200 level

Third Year ~~2.5~~ FAH/VCC credits at the 300/400 level

Fourth Year ~~at least 0.5 FAH/VST~~ credit at the 400 level

After:

For a major program, 7.0 credits are required from offerings in FAH, VCC, and VST distributed in four areas (see notes). For the list of VCC courses that satisfy requirements for the Art History Major, see the departmental website or the undergraduate counsellor. Courses must include FAH101H5, VCC101H5, plus 2.0 FAH courses at the 200 level (see following) and 3.0 at the 300/400 level, of which 0.5 must be at the 400 level. Please note that no St. George courses may be substituted for the required 100 or 200 level courses. (For one exception see note 2 below). Students enrolled before Fall 2003 should consult the undergraduate counsellor about completion of their program. Notes:

- A minimum of 1.0 credit at any level must be taken in each of the following four areas: Ancient & Medieval; 15th-18th centuries; 19th-21st centuries; Visual Culture and Theory. It is highly recommended that students take at least one 300- or 400-level H course in at least three of the four areas. Some courses may satisfy more than one of the distribution requirements. See the departmental website for the distribution of courses by area: www.utm.utoronto.ca/dvs

- VCC207H5 and VCC209H5 do not satisfy FAH 200-level requirements. 0.5 credit at the 200-level in FAH may be taken at St. George in an area not covered by U of T Mississauga's offerings (i.e. one of the following courses: FAH248H1, FAH260H1, FAH262H1, FAH270H1, FAH272H1).

- Courses with significant Art History or Visual Culture content in other programs, such as CCIT, Cinema Studies, Philosophy, Drama, English, History, East Asian Studies, and Near and Middle Eastern Civilizations, may be substituted for up to 1.0 FAH/VCC credit only with permission, prior to enrolment, from the program director. For possible substitutes see the undergraduate counsellor.

- RECOMMENDED LANGUAGE STUDY: Students wishing to pursue graduate studies in Art History must acquire a basic reading knowledge of at least two languages. A minimum of 2.0 in one language, or 1.0 in two languages (total 2.0) is recommended. German, French, and Italian are recommended.

- No more than 10.0 FAH credits may be taken.

First Year 1.5-2.0 credits: FAH101H5, VCC101H5 and a further 0.5-1.0 credit in FAH at the 200 level

Second Year 1.5-2.0 FAH credits at the 200 level

Third Year 2.0 FAH/VCC credits at the 300/400 level

Fourth Year 1.0 FAH/VCC/VST credit at the 400 level

Program #5 ERMAJ0714 Art and Art History (Arts)

Rationale for change: VST foundations courses were removed. Course codes updated for intro. courses.

Before: At least 8.0 credits are ~~required, comprised~~ of at least 4.0 in FAS (or selected CCT courses offered from Sheridan) and 4.0 in ~~FAH/VCC~~ courses offered at U of T Mississauga. For the list of CCT and VCC courses that satisfy Art and Art History requirements, see the departmental website. The maximum number of combined FAH and FAS credits is 13.0. Required courses are as follows: FAS143H5, FAS145H5, FAS147H5, FAS232H5*, FAS236H5*, ~~FAS248H5*~~; and ~~VST100H5, VST101H5, FAH202H5~~. A minimum

of 2.0 300/400-level credits in ~~FAH/VCC~~ or FAS or a combination of the two must be included. 2.0 credits at the 200-level in FAH must be taken at U of T Mississauga (see Note 1 for the St. George exception allowed and Note 2 for required area distribution). See Notes below for distribution details. Students enrolled before Fall 2003 should consult the undergraduate counsellor about completion of their program. Notes:

- Students must take at least 2.0 but no more than 2.5 FAH at the 200 level. VCC207H5 and VCC209H5 do not satisfy FAH 200-level requirements. No St. George courses may be substituted for the 200-level FAH requirements. However, U of T Mississauga students may take ~~one~~ 0.5 credit 200-level FAH at St. George in ~~the regular or summer term in~~ an area not covered by U of T Mississauga's offerings (i.e. one of the following courses: FAH248H1, FAH260H1, FAH262H1, FAH270H1, FAH272H1).
- At least one 200-level H course in ~~FAH/VCC~~ must be taken in ~~three~~ **four** areas: Ancient & Medieval; 15th-18th centuries; 19th-21st ~~centuries; Visual Culture and Theory (VCC204 satisfies this requirement).~~ See the departmental website www.utm.utoronto.ca/dvs for the distribution of courses by area.
- Of the required 2.0 300/400-level credits, a minimum of 0.5 must be in ~~FAH/VCC~~.
- As studio space is limited in the 100-level and 200-level FAS courses, priority will be given during the first registration period to students enrolled in the Art & Art History Major/Specialist, Art History Major/Specialist, CCIT Major, VCC Specialist, and to newly admitted students who indicated the Art & Art History code on their application. Students committed to the program should make sure they are officially registered in the program as soon as possible.
- All 300-level and 400-level FAS courses must be balloted. Balloting is the process by which students interested in taking courses are granted permission to enrol. Although these courses are open to all students, priority will be given to students in the Art & Art History program, as studio space is limited. FAS Ballot forms and detailed instructions are available February 1st from the Faculty of Animation, Arts and Design, Room A100, Sheridan Institute, 1430 Trafalgar Rd., Oakville, Ont., L6H 2L1, phone 905-845-9430, ext. 2571.
- *FAS232H5, FAS236H5 and FAS248H5 are open to first-year students.
- No more than a combination of 13.0 FAH and FAS credits may be taken.
- Students enrolling in any FAS course will be required to pay a fee of ~~\$63-\$145.50~~ per half ~~credit/\$126-\$234~~ per full credit. These charges will automatically be added to your University of Toronto student account receivable. This fee covers consumable materials used in studio as well as take-away materials provided to students.

First Year ~~4.5~~ credits: ~~VST100H5, VST101H5, FAH202H5~~
 2.0 FAS credits from the following: FAS143H5, FAS145H5, FAS147H5, FAS232H5*, FAS236H5*
 FAS248H5*. All of these courses are open to first year students.
 Second Year 1.0 remaining credit of the required FAS courses cited above
~~4.5 FAH/VCC~~ credits at the 200 level

After:

At least 8.0 credits are required of which at least 4.0 in FAS (or selected CCT courses offered from Sheridan) and 4.0 in FAH/VCC/VST courses offered at U of T Mississauga. For the list of CCT and VCC courses that satisfy Art and Art History requirements, see the departmental website. The maximum number of combined FAH and FAS credits is 13.0. Required courses are as follows: FAS143H5, FAS145H5, FAS147H5, FAS232H5*, FAS236H5*, FAS248H5*, and FAH101H5. A minimum of 2.0 300/400-level credits in FAH/VCC/VST or FAS or a combination of the two must be included. 2.0 credits at the 200-level in FAH must be taken at U of T Mississauga (see Note 1 for the St. George exception allowed and Note 2 for required area distribution). See Notes below for distribution details. Students enrolled before Fall 2003 should consult the undergraduate counsellor about completion of their program. Notes:

- Students must take at least 2.0 but no more than 2.5 FAH at the 200 level. VCC207H5 and VCC209H5 do not satisfy FAH 200-level requirements. No St. George courses may be substituted for the 200-level FAH requirements. However, U of T Mississauga students may take 0.5 credit at the 200-level in FAH at St. George in an area not covered by U of T Mississauga's offerings (i.e. one of the following courses: FAH248H1, FAH260H1, FAH262H1, FAH270H1, FAH272H1).
- At least one 200-level H course in FAH must be taken in each of the following three areas: Ancient & Medieval; 15th-18th centuries; 19th-21st centuries. See the departmental website www.utm.utoronto.ca/dvs for the distribution of courses by area.
- Of the required 2.0 300/400-level credits, a minimum of 0.5 must be in FAH/VCC/VST.
- As studio space is limited in the 100-level and 200-level FAS courses, priority will be given during the first registration period to students enrolled in the Art & Art History Major/Specialist, Art History Major/Specialist, CCIT Major, VCC Specialist, and to newly admitted students who indicated the Art & Art History code on their application. Students committed to the program should make sure they are officially registered in the program as soon as possible.
- All 300-level and 400-level FAS courses must be balloted. Balloting is the process by which students interested in taking courses are granted permission to enrol. Although these courses are open to all students, priority will be given to students in the Art & Art History program, as studio space is limited. FAS Ballot forms and detailed instructions are available February 1st from the Faculty of Animation, Arts and Design, Room A100, Sheridan Institute, 1430 Trafalgar Rd., Oakville, Ont., L6H 2L1, phone 905-845-9430, ext. 2571.
- *FAS232H5, FAS236H5 and FAS248H5 are open to first-year students.
- No more than a combination of 13.0 FAH and FAS credits may be taken.
- Students enrolling in any FAS course will be required to pay a fee of ~~\$60-\$120~~ per half credit/\$120-\$240

per full credit. These charges will automatically be added to your University of Toronto student account receivable. This fee covers consumable materials used in studio as well as take-away materials provided to students.

First Year 1.0 credits: FAH101H5 and a further 0.5 credit in FAH at the 200 level
 2.0 FAS credits from the following: FAS143H5, FAS145H5, FAS147H5, FAS232H5*, FAS236H5*
 FAS248H5*. All of these courses are open to first year students.
 Second Year 1.0 remaining credit of the required FAS courses cited above
2.0 FAH credits at the 200 level

Program #6 ERMAJ1056 Language Teaching and Learning: French (Arts)

Rationale for change: Provide clarification.

Before:

Second Year FRE280Y5 (or equivalent), FRE225Y5, FRE240Y5, **FRE272Y5**

After:

Second Year FRE280Y5 (or equivalent), FRE225Y5, FRE240Y5, **FRE272Y5. Note: FRE225Y5 MUST be completed in the second year.**

Program #7 ERMAJ1443 Women and Gender Studies (Arts)

Rationale for change: To clarify program requirements.

Before:

First Year WGS101H5

After:

First Year WGS101H5 **(recommended)**

Program #8 ERMAJ1850 Linguistic Studies (Arts)

Rationale for change: Provide clarification with respect to language requirement. Expand core offerings and provide clarification.

Before:

Higher Years
 - ~~Theoretical~~ requirement: LIN228H5, LIN229H5, LIN231H5, ~~LIN232H5~~.
 - Language requirement: 1.0 credit in a language course ~~which~~ must ~~have been~~ taken after ~~the completion of LIN100Y5~~. The language must be one other than the student's first language; English language courses are excluded.
 - Applied requirements: 1.5 credits from the following list: ~~LIN256H5/JAL253H5/LIN417H5; LIN356H5/LIN358H5; LIN360H5/LIN366H5/LIN376H5; LIN380H5/LIN417H5~~.
 - The remaining ~~2.5~~ credits to be chosen from those courses not yet taken from the list above, or from the following list: all 300/400 level LIN courses (excluding LIN310H5), FRE325H5, FRE355H5, FRE372H5, FRE373H5, ~~FRE374H5~~, FRE376H5, FRE378H5, FRE387H5, FRE476H5, FRE489H5, ITA437Y5, JAL355H5, PSY315H5, PSY374H5, PHL350H5, PHL451H5, with a minimum of 0.5 credits at the 400 level and a maximum of 1.0 credit outside of LIN course offerings.

After:

Higher Years
 - Core requirement: LIN228H5, LIN229H5, LIN231H5, LIN232H5, LIN256H5/JAL253H5.
 - Language requirement: 1.0 credit in a language course This credit should involve the same language and must be taken either concurrently with LIN100Y5 or after its completion. The language must be one other than the student's first language; English language courses are excluded.
 - Applied requirements: 1.5 credits from the following list:
a. Language acquisition: LIN356H5/LIN358H5
b. Teaching and Learning: LIN380H5/LIN417H5/LIN486H5
c. Language contact and change: LIN360H5/ LIN366H5/ LIN376H5

- The remaining **2.0** credits to be chosen from those courses not yet taken from the list above, or from the following list: all 300/400 level LIN courses (excluding LIN310H5), FRE325H5, FRE355H5, FRE372H5, FRE373H5, FRE376H5, FRE378H5, FRE387H5, **FRE474H5**, FRE476H5, FRE489H5, ITA437Y5, **JAL353H5**, JAL355H5, **LTL488H5**, PSY315H5, PSY374H5, **PSY376H5**, PHL350H5, PHL451H5, with a minimum of 0.5 credits at the 400 level and a maximum of 1.0 credit outside of LIN course offerings.

Program #9 ERMIN0151 History of Religions (Arts)

Rationale for change: The department now has a permanent Faculty member to teach the RLG101H5 - Introduction to the Study of Religion and other disciplines in the department have moved in the direction of creating in discipline-specific gateway courses that prepare the students better for upper level courses.

Before:

First Year 0.5 credit in **HIS101H5**. It is recommended that this course be taken in the first year.

After:

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

Program #10 ERMIN0231 Philosophy (Arts)

Rationale for change:

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

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

Program #11 ERMIN0382 Classical Civilization (Arts)

Rationale for change: The deletion of HIS101H5 as a prerequisite for the Classics program is mandated to harmonize the Classics program requirements with those of other programs in Historical Studies which have decided to remove HIS101H5 as a prerequisite as this course is not being taught with a Classical Civilizations focus.

Before:

First Year **HIS101H5; in addition, 0.5** credit from the following list: CLA101H5, 230H5, 231H5, 233H5, 237H5.

After:

First Year **1.0** credit from the following list: CLA101H5, 230H5, 231H5, 233H5, 237H5.

Program #12 ERMIN0615 Art History (Arts)

Rationale for change: VST foundations courses were removed. Course codes updated for intro. courses.

Before: 4.0 credits in FAH are required. The following is a list of requirements that must be fulfilled:

- ~~VST100H5, VST101H5~~
- ~~FAH202H5~~
- ~~A further 1.5~~ FAH credits at the 200 level, of which at least 0.5 must be in Ancient & Medieval, 0.5 must be in 15th-18th centuries, and 0.5 credit must be in 19th-21st centuries
- ~~1.0 credit~~ in ~~FAH~~ at the 300/400 ~~level~~ See the departmental website at www.utm.utoronto.ca/dvs for the distribution of courses by area. Please note that no St. George courses may be substituted for the required 100-level and 200-level courses. ~~One~~ 0.5 credit 200-level FAH ~~course~~ may be taken at St. George in an area not covered by U of T Mississauga's offerings (i.e. one of the following courses: FAH248H1, FAH260H1, FAH262H1, FAH270H1, FAH272H1).
- First Year ~~1.5~~ credits: ~~VST100H5, VST101H5, FAH202H5~~
- Higher Years 1.5 credits in FAH at the 200 level
- ~~1.0 credit~~ in ~~FAH/VST~~ at the 300/400 level

After:

4.0 credits in FAH are required. The following is a list of requirements that must be fulfilled:

- **FAH101H5**
- **2.0** FAH credits at the 200 level, of which at least 0.5 **credit** must be in Ancient & Medieval, 0.5 **credit** must be in 15th-18th centuries, and 0.5 credit must be in 19th-21st centuries

- 1.5 credits in FAH/VCC/VST at the 300/400 level. See the departmental website at www.utm.utoronto.ca/dvs for the distribution of courses by area. Please note that no St. George courses may be substituted for the required 100-level and 200-level courses. 0.5 credit at the 200-level in FAH may be taken at St. George in an area not covered by U of T Mississauga's offerings (i.e. one of the following courses: FAH248H1, FAH260H1, FAH262H1, FAH270H1, FAH272H1).
 First Year 1.0 credits: FAH101H5 and 0.5 credit in FAH at the 200 level
 Higher Years 1.5 credits in FAH at the 200 level
1.5 credits in FAH/VCC/VST at the 300/400 level

Program #13 ERMIN0797 Cinema Studies (Arts)

Rationale for change: Removal of VST foundation courses. Intro course codes were updated.

Before:

First Year ~~1.5 credits: VST100H5, VST101H5, CIN202H5~~
 Higher Years ~~2.5 credits from the following: CIN203H5, CIN207H5, CIN301H5, CIN302H5, CIN303H5, CIN304H5, CIN306H5, CIN307H5, CIN401H5, CIN402H5, VCC205H5, VST410Y5, DRE350H5/352H5, FRE393H5, FRE397H5, GER353H5, 354H5, ITA242Y5/243Y5, ITA246Y5/247Y5, ITA306H5/307H5, ITA342Y5/343Y5~~

After:

First Year 1.0 credit: CIN101H5 and a further 0.5 credit in CIN at the 200 level.
 Higher Years 3.0 credits from the following: CIN203H5, CIN207H5, CIN215H5, CIN301H5, CIN303H5, CIN304H5, CIN306H5, CIN307H5, CIN401H5, CIN402H5, VCC205H5, VST410H5, GER353H5, GER354H5.

A maximum of 1.0 credit may be taken from: DRE350H5/352H5, FRE393H5, FRE397H5, ITA241H5/ITA242H5, ITA243H5/ITA244H5, ITA245H5/ITA246H5, ITA247H5/ITA248H5, ITA306H5/307H5, ITA342Y5/343Y5

Program #14 ERMIN1200 English Language Linguistics (Arts)

Rationale for change: Expand upper level course requirements.

Before:

Upper Years Remaining credits (1.0) at the 300/400 level, to be selected from the following list: LIN310H5, LIN356H5, LIN335H5, LIN380H5, LIN486H5, JAL353H5.

After:

Upper Years Remaining credits (1.0) at the 300/400 level, to be selected from the following list: LIN310H5, LIN356H5, LIN335H5, **LIN358H5**, LIN380H5, **LIN417H5**, LIN486H5, JAL353H5.

Program #15 ERMIN1407 Diaspora and Transnational Studies (Arts)

Rationale for change: To remove the duplicate statement "Students are responsible for checking the co- and prerequisites for all courses."

Before:

U of T Mississauga Courses Group A: Humanities courses ENG271H5, 272H5, 370H5; FAH457H5; FRC397H5; HIS266H5, 318H5, 330H5, 366H5, 367H5, 371H5, 383H5, 384H5, 386H5, 390H5, 391H5, 393H5, 403H5, 407H5, 416H5, 438H5, 441H5, 454H5, 478H5, 483H5, 496H5; ITA238H5, 239H5; LIN366H5, 466H5, RLG352H5, 452H5; VCC302H5, 304H5; WGS335H5, 350H5, 369Y5, 419H5, 420H5.
 Group B: Social Science courses ANT204Y5, 206Y5, 241Y5, 304H5; GGR207H5; JAL253H5; POL114H5, 218Y5, 343Y5, 360H5, 362H5, 363H5; SOC236H5, 302H5, 328H5, 332H5, 333H5, 339H5, 353H5, 354H5.
~~Students are responsible for checking the co- and prerequisites for all courses.~~ Arts & Science courses that can be applied to the program
 - Anthropology: ANT347Y1, 426H1, 440Y1, JAP256H1
 - English: ENG256Y1, 277Y1, 279Y1
 - Fine Art History: FAH466H1
 - Finno Ugric Studies: FIN320H1
 - French: FRE332H1, 431H1
 - Geography: GGR350H1, 340H1, 363H1, 452H1
 - German: GER362H1, 364H1
 - History: HIS206Y1, H208Y1, 294Y1, 296Y1, 303Y1, 305H1, 326Y1, 352H1, 356H1, 359H1, 360Y1, 370H1, 476Y1, 394H1, 417H1, 446Y1, 456Y1, 480H1, 487H1

- Innis College: INI327Y1
- Italian Studies: ITA233Y1, 334H1, 493H1
- Near and Middle Eastern Civilizations: NMC274Y1, 357H1, 370Y1, 385H1, 475H1
- New College: NEW150Y1, 296Y1, 223Y1, 224Y1, 324Y1, 325H1, 326Y1, 343H1, 368H1, 369Y1
- Political Science: POL349Y1, 358Y1, 443H1
- Religion: RLG341H1, 430H1
- St. Michael's College: SMC413H1, 414H1, 416H1
- Slavic Language and Literature: SLA238H1
- Sociology: SOC218Y1, 341Y1, 344Y1, 383H1
- Spanish and Portuguese: SPA480H, 486H1
- Victoria College: VIC350Y1 UTSC courses that can be applied to the program
- English: ENGB17H3, ENGC13H3, 70H3, 71H3, ENGD87H3
- French: FREB28H3, 35H3, 70H3, FREC47H3
- History: HISC14H3, 36H3, 45H3
- Visual and Performing Arts: VPAB09H3, VPHB50H3, VPHC52H3
- Anthropology: ANTB08H3, ANTC34H3
- Geography: GGRC19H, 45H3
- Politics: POLA81H3
- Sociology: SOCC25H3, 34H3 ~~Students are responsible for checking the co- and prerequisites for all courses~~

Note: ~~course = one full course or the equivalent in half courses. Please see the Faculty of Arts & Science and/or Scarborough calendars for details.~~

After: U of T Mississauga Courses Group A: Humanities courses ENG271H5, 272H5, 370H5; FAH457H5; FRC397H5; HIS266H5, 318H5, 330H5, **364H5**, 366H5, 367H5, 371H5, 383H5, 384H5, 386H5, 390H5, 391H5, 393H5, 403H5, 407H5, 416H5, 438H5, 441H5, 454H5, 478H5, 483H5, **492H5**, 496H5; ITA238H5, 239H5; LIN366H5, 466H5, RLG352H5, 452H5; VCC302H5, 304H5; WGS335H5, 350H5, 369Y5, 419H5, 420H5. Group B: Social Science courses ANT204Y5, 206Y5, 241Y5, 304H5; GGR207H5; JAL253H5; POL114H5, 218Y5, 343Y5, 360H5, 362H5, 363H5; SOC236H5, 302H5, 328H5, 332H5, 333H5, 339H5, 353H5, 354H5. Arts & Science courses that can be applied to the program

- Anthropology: ANT347Y1, 426H1, 440Y1, JAP256H1
- English: ENG256Y1, 277Y1, 279Y1
- Fine Art History: FAH466H1
- Finno Ugric Studies: FIN320H1
- French: FRE332H1, 431H1
- Geography: GGR350H1, 340H1, 363H1, 452H1
- German: GER362H1, 364H1
- History: HIS206Y1, H208Y1, 294Y1, 296Y1, 303Y1, 305H1, 326Y1, 352H1, 356H1, 359H1, 360Y1, 370H1, 476Y1, 394H1, 417H1, 446Y1, 456Y1, 480H1, 487H1
- Innis College: INI327Y1
- Italian Studies: ITA233Y1, 334H1, 493H1
- Near and Middle Eastern Civilizations: NMC274Y1, 357H1, 370Y1, 385H1, 475H1
- New College: NEW150Y1, 296Y1, 223Y1, 224Y1, 324Y1, 325H1, 326Y1, 343H1, 368H1, 369Y1
- Political Science: POL349Y1, 358Y1, 443H1
- Religion: RLG341H1, 430H1
- St. Michael's College: SMC413H1, 414H1, 416H1
- Slavic Language and Literature: SLA238H1
- Sociology: SOC218Y1, 341Y1, 344Y1, 383H1
- Spanish and Portuguese: SPA480H, 486H1
- Victoria College: VIC350Y1 UTSC courses that can be applied to the program
- English: ENGB17H3, ENGC13H3, 70H3, 71H3, ENGD87H3
- French: FREB28H3, 35H3, 70H3, FREC47H3
- History: HISC14H3, 36H3, 45H3
- Visual and Performing Arts: VPAB09H3, VPHB50H3, VPHC52H3
- Anthropology: ANTB08H3, ANTC34H3
- Geography: GGRC19H, 45H3
- Politics: POLA81H3
- Sociology: SOCC25H3, 34H3 **Other substitutions will be considered on a case-by-case basis after the submission of the relevant syllabus.**

Program #16 ERMIN1443 Women and Gender Studies (Arts)

Rationale for change: To clarify program requirements.

Before: First Year WGS101H5

After: First Year WGS101H5 **(recommended)**

Program #17 ERSPE0151 History of Religions (Arts)

Rationale for change: The department now has a permanent Faculty member to teach the RLG101H5 - Introduction to the Study of Religion and other disciplines in the department have moved in the direction of creating in discipline-specific gateway courses that prepare the students better for upper level courses.

Before:

First Year 0.5 credit in **HIS101H5**. It is recommended that this course be taken in the first year.

After:

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

Program #18 ERSPE0615 Art History (Arts)

Rationale for change: VST foundations courses were removed. Course codes updated for intro. courses.

Before:

Within an Honours degree, 10.0 credits are required in ~~FAH and~~ VCC (distributed in 4 areas; see Notes). For the complete list of VCC courses that satisfy Art History requirements, see the departmental website. The 10.0 credits must include: ~~VST100H5; VST101H5; FAH202H5; VCC201H5~~, 2.5 ~~additional~~ 200-level FAH ~~credits~~; and 4.0 300/400-level ~~FAH~~ credits, of which at least 1.0 must be at the 400 level. Please note that no St. George courses may be substituted for the required 100- or 200-level courses. (For exceptions see Note 2 below). Students enrolled before Fall 2003 should consult the undergraduate counsellor about completion of their program. Notes:

- 2.0 credits from each of the following four areas are required: Ancient & Medieval; 15th-18th centuries; 19th-21st centuries; Visual Culture and Theory. Some courses may satisfy more than one of the distribution requirements. See the departmental website www.utm.utoronto.ca/dvs for the distribution of courses by area.

- No more than 4.0 FAH credits may be taken at the 200 level. ~~VCC201H5~~ and VCC209H5 do not satisfy FAH 200-level requirements. ~~One~~ 0.5 credit at the 200 level in FAH may be taken at St. George in an area not covered by U of T Mississauga's offerings (i.e. one of the following courses: FAH248H1, FAH260H1, FAH262H1, FAH270H1, FAH272H1).

- Courses which have significant Art History or Visual Culture content in other programs such as CCIT, Cinema Studies, Philosophy, Drama, English, History, East Asian Studies, and Near and Middle Eastern Civilizations, may be substituted for up to 1.0 FAH/VCC credit only with permission, prior to enrolment, from the program director. For possible substitutes see the undergraduate counsellor.

- RECOMMENDED LANGUAGE STUDY: Students wishing to pursue graduate studies in Art History must acquire a basic reading knowledge of at least two languages. A minimum of 2.0 in one language, or 1.0 in two languages (total 2.0) is recommended. German, French, and Italian are recommended.

- No more than a total of 16.0 FAH credits may be taken.

First Year 2.0 credits: ~~VST100H5, VST101H5, FAH202H5~~ and ~~VCC201H5~~

Second Year 2.5 credits in FAH at the ~~200 level~~

~~0.5~~ credit in ~~VCC~~ at ~~any level (see exclusions below)~~

Third Year ~~3.5~~ credits in FAH at the 300/400 level, of which at least ~~4.0~~ must be at the ~~300 level~~

Fourth Year ~~4.5~~ credits in FAH/VCC/VST at the 300/400 level, of which 1.0 must be at the 400 level

After:

Within an Honours degree, 10.0 credits are required in FAH, VCC and VST (distributed in 4 areas; see Notes). For the complete list of VCC courses that satisfy Art History requirements, see the departmental website. The 10.0 credits must include: FAH101H5, VCC101H5, 2.5 200-level FAH credits and 4.0 300/400-level FAH/VCC/VST credits, of which at least 1.0 must be at the 400 level. Please note that no St. George courses may be substituted for the required 100- or 200-level courses. (For exceptions see Note 2 below). Students enrolled before Fall 2003 should consult the undergraduate counsellor about completion of their program. Notes:

- 2.0 credits from each of the following four areas are required: Ancient & Medieval; 15th-18th centuries; 19th-21st centuries; Visual Culture and Theory. Some courses may satisfy more than one of the distribution requirements. See the departmental website www.utm.utoronto.ca/dvs for the distribution of courses by area.

- No more than 4.0 FAH credits may be taken at the 200 level. VCC207H5 and VCC209H5 do not satisfy FAH 200-level requirements. 0.5 credit at the 200 level in FAH may be taken at St. George in an area not covered by U of T Mississauga's offerings (i.e. one of the following courses: FAH248H1, FAH260H1, FAH262H1, FAH270H1, FAH272H1).

- Courses which have significant Art History or Visual Culture content in other programs such as CCIT, Cinema Studies, Philosophy, Drama, English, History, East Asian Studies, and Near and Middle Eastern Civilizations, may be substituted for up to 1.0 FAH/VCC credit only with permission, prior to enrolment, from the program director. For possible substitutes see the undergraduate counsellor.

- RECOMMENDED LANGUAGE STUDY: Students wishing to pursue graduate studies in Art History must acquire a basic reading knowledge of at least two languages. A minimum of 2.0 in one language, or 1.0 in two languages (total 2.0) is recommended. German, French, and Italian are recommended.
- No more than a total of 16.0 FAH credits may be taken.
- First Year 2.0 credits: FAH101H5 and VCC101H5 and 1.0 credit in FAH at the 200-level
- Second Year 2.5 credits: 1.5 credits in FAH at the 200-level and 0.5 credit in FAH/VCC at the 300-level
- Third Year 3.0 credits in FAH at the 300/400 level, of which at least 1.5 must be at the 300-level
- Fourth Year 2.5 credits in FAH/VCC/VST at the 300/400 level, of which 1.0 must be at the 400 level

Program #19 ERSPE0714 Art and Art History (Arts)

Rationale for change:

VST foundations courses were removed. Course codes updated for intro. courses.

Before:

Within an Honours degree, at least 12.0 credits are required, comprised of 7.0 in FAS (or CCT courses offered from Sheridan) and 5.0 in ~~FAH/VCC~~ courses offered at U of T Mississauga. For the official list of CCT and VCC courses that satisfy Art and Art History requirements see the departmental website. The maximum number of combined FAH and FAS credits is 17.0. Required courses are as follows: FAS143H5, FAS145H5, FAS147H5, FAS232H5*, FAS236H5* FAS248H5*; and ~~VST100H5, VST101H5, FAH202H5, and VCC201H5~~. A minimum of ~~5.0~~ 300/400-level credits in FAH or FAS (~~see Note 3 for distribution~~), ~~4.0~~ of which must be at the 400 level (in ~~FAH/VCC~~ or FAS or both). 1.5 credits at the 200 level in FAH must be taken at U of T Mississauga (see Note 1 for the St. George exception allowed and Note 2 for required area distribution). See Notes below for distribution details. Students enrolled before Fall 2003 should consult the undergraduate counsellor about completion of their program. Notes:

- Students must take at least 2.0 but no more than 2.5 FAH at the 200 ~~level (including VCC201H5)~~. VCC207H5 and VCC209H5 do not satisfy FAH 200-level requirements. No St. George courses may be substituted for the 200-level FAH requirements. ~~However~~ U of T Mississauga students may take ~~one~~ 0.5 credit 200-level FAH ~~course~~ at St. George in ~~the regular or summer term in~~ an area not covered by U of T Mississauga's offerings (i.e. one of the following courses: FAH248H1, FAH260H1, FAH262H1, FAH270H1, FAH272H1).
- At least one 200-level H course in ~~FAH/VCC~~ must be taken in ~~three~~ of the following ~~four~~ areas: Ancient & Medieval; 15th-18th centuries; 19th-21st ~~centuries; Visual Culture and Theory (VCC201 satisfies this requirement)~~. See the departmental website www.utm.utoronto.ca/dvs for the distribution of courses by area.
- Of the required 4.0 300/400-level credits, a minimum of 1.0 must be in ~~FAH/VCC~~.
- As studio space is limited in the 100-level and 200-level FAS courses, priority will be given during the first registration period to students enrolled in the Art & Art History Major/Specialist, Art History Major/Specialist, CCIT Major, VCC Specialist, and to newly-admitted students who indicated the Art & Art History code on their application. Students committed to the program should make sure that they are officially registered in the program as soon as possible.
- All 300-level and 400-level FAS courses must be balloted. Balloting is the process by which students interested in taking courses are granted permission to enrol. Although these courses are open to all students, priority will be given to students in the Art & Art History, Art History or VCC Specialist programs. FAS Ballot forms and detailed instructions are available February 1st from the Faculty of Animation, Arts and Design, Room A100, Sheridan College, 1430 Trafalgar Rd., Oakville, Ont., L6H 2L1, phone 905-845-9430, ext. 2571.
- It is recommended that students take at least one of the following "practicum" courses: ~~FAH451H5; FAS453H5, FAS454H5 or FAS455H5.~~
- *FAS232H5, FAS236H5 and FAS248H5 are open to first-year students.
- No more than a combination of 17.0 FAH and FAS credits may be taken.
- Students enrolling in any FAS course will be required to pay a fee of ~~\$63~~ ~~\$115.50~~ per half ~~credit~~ ~~\$126~~ ~~\$234~~ per full credit. These charges will automatically be added to your University of Toronto student account receivable. This fee covers consumable materials used in studio as well as take-away materials provided to students.

First Year 1.5 credits: ~~VST100H5, VST101H5, FAH202H5~~
 2.0 FAS credits from FAS143H5, FAS145H5, FAS147H5, FAS232H5, FAS236H5, FAS248H5. All of these courses are open to first year students.
 Second Year (Any remaining of the required FAS/FAH courses cited above)
 0.5 credit: ~~VCC201H5~~
 1.0 FAH credit at the 200 level
 1.0 FAS credit at the 200 level
 Fourth Year 1.0 FAH/VCC/VST credit at the 300/400 level
~~4.0~~ FAS credit at the 300/400 level

After:

Within an Honours degree, at least 12.0 credits are required, comprised of 7.0 in FAS (or CCT courses offered from Sheridan) and 5.0 in FAH/VCC/VST courses offered at U of T Mississauga. For the official list of CCT and VCC courses that satisfy Art and Art History requirements see the departmental website. The

maximum number of combined FAH and FAS credits is 17.0. Required courses are as follows: FAS143H5, FAS145H5, FAS147H5, FAS232H5*, FAS236H5* FAS248H5*; and **FAH101H5** and **VCC101H5**. A minimum of **4.0** 300/400-level credits in FAH or FAS of which **1.0** must be at the 400 level (in **FAH/VCC/VST** or FAS or both). 1.5 credits at the 200 level in FAH must be taken at U of T Mississauga (see Note 1 for the St. George exception allowed and Note 2 for required area distribution). See Notes below for distribution details. Students enrolled before Fall 2003 should consult the undergraduate counsellor about completion of their program. Notes:

- Students must take at least 2.0 but no more than 2.5 FAH at the 200 **level**. VCC207H5 and VCC209H5 do not satisfy FAH 200-level requirements. No St. George courses may be substituted for the 200-level FAH requirements. **However**, U of T Mississauga students may take 0.5 credit **at the** 200-level **in** FAH at St. George in an area not covered by U of T Mississauga's offerings (i.e. one of the following courses: FAH248H1, FAH260H1, FAH262H1, FAH270H1, FAH272H1).

- At least one 200-level H course in **FAH** must be taken in **each** of the following **three** areas: Ancient & Medieval; 15th-18th centuries; 19th-21st **centuries**. See the departmental website www.utm.utoronto.ca/dvs for the distribution of courses by area.

- Of the required 4.0 300/400-level credits, a minimum of 1.0 must be in **FAH/VCC/VST**.

- As studio space is limited in the 100-level and 200-level FAS courses, priority will be given during the first registration period to students enrolled in the Art & Art History Major/Specialist, Art History Major/Specialist, CCIT Major, VCC Specialist, and to newly-admitted students who indicated the Art & Art History code on their application. Students committed to the program should make sure that they are officially registered in the program as soon as possible.

- All 300-level and 400-level FAS courses must be balloted. Balloting is the process by which students interested in taking courses are granted permission to enrol. Although these courses are open to all students, priority will be given to students in the Art & Art History, Art History or VCC Specialist programs. FAS Ballot forms and detailed instructions are available February 1st from the Faculty of Animation, Arts and Design, Room A100, Sheridan College, 1430 Trafalgar Rd., Oakville, Ont., L6H 2L1, phone 905-845-9430, ext. 2571.

- It is recommended that students take at least one of the following "practicum" courses: **FAH451H5**, FAS453H5, FAS454H5 or FAS455H5.

- *FAS232H5, FAS236H5 and FAS248H5 are open to first-year students.

- No more than a combination of 17.0 FAH and FAS credits may be taken.

- Students enrolling in any FAS course will be required to pay a fee of **\$60-\$120** per half **credit/\$120-\$240** per full credit. These charges will automatically be added to your University of Toronto student account receivable. This fee covers consumable materials used in studio as well as take-away materials provided to students.

First Year 1.5 credits: **FAH101H5 and 1.0 credit in FAH at the 200 level**

2.0 FAS credits from FAS143H5, FAS145H5, FAS147H5, FAS232H5, FAS236H5, FAS248H5. All of these courses are open to first year students.

Second Year (Any remaining of the required FAS/FAH courses cited above)

0.5 credit: **VCC101H5**

1.0 FAH credit at the 200 level

1.0 FAS credit at the 200 level

Fourth Year 1.0 FAH/VCC/VST credit at the 300/400 level

2.0 FAS credit at the 300/400 level

Program #20 ERSPE1092 Language Teaching and Learning: French and Italian (Arts)

Rationale for change: Provide clarification.

Before:

Higher Years

- FRE280Y5 (or equivalent), FRE225Y5, FRE240Y5, ***FRE272Y5***

- FRE382H5, FRE383H5.

- 1.0 credit to be chosen among the FRE courses in Teaching and Learning (FRE325H5, 345H5, 352H5, 353H5, 355H5)

After:

Higher Years

- FRE280Y5 (or equivalent), FRE225Y5, FRE240Y5, ***FRE272Y5. Note: FRE225Y5 MUST be completed in the second year.***

- FRE382H5, FRE383H5.

- 1.0 credit to be chosen among the FRE courses in Teaching and Learning (FRE325H5, 345H5, 352H5, 353H5, 355H5)

Program #21 ERSPE1384 International Affairs (Arts)

Rationale for change: Removed GGR345H5 and added ENG345H5 GGR345H5 course code has changed to ENV345H5

Before: 11.0 credits are required from the following list: ECO100Y5; MAT133Y5/134Y5/135Y5; ECO200Y5/204Y5/206Y5, 202Y5/208Y5/209Y5,220Y5/227Y5,364H5,365H5; POL208Y5; 4.0 language credits in the same discipline. 3.0 from: **GGR325H5,345H5,365H5;HIS311Y5/HIS311H5;** POL302Y5, 327Y5,340Y5,343Y5 1.0 from: ECO456H5/460H5/461H5/463H5; a 400-level language course. The following 400-level St. George courses will also fulfill this requirement: ECO419H1, 459H1; POL454Y1 or a 400-level course from a cognate discipline approved by the faculty advisor. Language components available at U of T Mississauga: French: FSL(205H5,206H5)/205Y5, FSL(305H5,306H5)/305Y5, 385H5/405H5, 386H5/406H5 or 366H5, FRE383H5 German: GER100Y5, 200Y5, 300Y5, 330H5, 370H5 (300/400 level German courses not always available at UTM.) Italian: ITA100Y5, 200Y5, 231H5, 232H5, 313Y5, 315Y5, 350Y5, 437H5, 436Y5, 420Y5

After: 11.0 credits are required from the following list: ECO100Y5; MAT133Y5/134Y5/135Y5; ECO200Y5/204Y5/206Y5, 202Y5/208Y5/209Y5,220Y5/227Y5,364H5,365H5; POL208Y5; 4.0 language credits in the same discipline. 3.0 from: **ENV345H5,GGR325H5,345H5/ENV345H5,365H5;HIS311Y5/HIS311H5;** POL302Y5, 327Y5,340Y5,343Y5 1.0 from: ECO456H5/460H5/461H5/463H5; a 400-level language course. The following 400-level St. George courses will also fulfill this requirement: ECO419H1, 459H1; POL454Y1 or a 400-level course from a cognate discipline approved by the faculty advisor. Language components available at U of T Mississauga: French: FSL(205H5,206H5)/205Y5, FSL(305H5,306H5)/305Y5, 385H5/405H5, 386H5/406H5 or 366H5, FRE383H5 German: GER100Y5, 200Y5, 300Y5, 330H5, 370H5 (300/400 level German courses not always available at UTM.) Italian: ITA100Y5, 200Y5, 231H5, 232H5, 313Y5, 315Y5, 350Y5, 437H5, 436Y5, 420Y5



New Courses

Course #1 CHI101H5 Modern Chinese I for Students with Prior Background (HUM)

Description: Designed for students who can speak and understand elementary Chinese of any dialect because of family backgrounds but have not studied pinyin, nor read and write enough to take a second-year course.

Exclusion: CHI100Y5, CHI101Y5, EAS100Y1, EAS101Y1, LGG60H3, LGG61H3

Rationale: Re-weighted course replaces CHI101Y5.

No. Hours Instruction: 36L, 12P

Offered at St George: No

Revived Course: No

Course #2 CLA497Y5 Independent Reading (HUM)

Description: Student-initiated project of reading and research, supervised by a member of the Department. Primarily intended for students in a Major program. After obtaining a supervisor, a student must apply to the Department of Historical Studies. A maximum of 1.0 credit in a reading course is permitted.

Rationale: The one-semester Independent Reading courses have already proven to be of great pedagogical benefit to students and faculty alike. We are now creating a two-semester version to be an option for those students and faculty interested in pursuing a larger project or topic that requires a longer period of study.

No. Hours Instruction:

Offered at St George: No

Revived Course: No

Course #3 DRE380H5 Repertory Theatre in Practice: The Shaw Festival (HUM)

Description: A study of the role of repertory theatre in the historical and current development of dramatic literature and performance practices, held-on-site at the Shaw Festival in Niagara-on-the-Lake, Ontario. Students will attend productions and lectures, interview actors, directors, designers, and administrators, and collaborate on staged reading with the assistance of company members. Topics may include the performance history of plays by Shaw, Chekhov, Ibsen, Wilde, and other playwrights within the Festival's mandate, the analysis of production elements from the perspectives of directors, actors, and designers, and the relevance of "classical" drama for the modern world.

Prerequisite: 6.0 credits, including DRE121, DRE122, DRE200, and DRE222 or approved equivalent courses.

Recommended Preparation: Any DRE course on the 300- or 400-level; ENG340H; ENG341H

Rationale: This course has been designed in close collaboration with the Shaw Festival. It will offer students in our Theatre and Drama Studies program a unique opportunity to combine the academic study of the history of repertory theatre with a hands-on exploration of the inner workings of one of Canada's leading theatre companies. Beyond the extraordinary intellectual and pedagogical benefits of this interaction between academics and theatre professionals, the course will also provide students with contacts and an inside knowledge of the Shaw Festival's organizational structure that will benefit them after graduation.

The course will be offered exclusively in the summer, as an intensive, residential two-week class in August. There will be a fee of \$400 on top of tuition to cover accommodation, bus transport, and tickets to Shaw productions. The Festival is providing a large number of guest speakers, rehearsal halls, and teaching spaces as in-kind contributions.

This is an unusual course for our department, but there are similar classes in other units; ENV331: International Environment Sustainability, GGR379: Field Methods in Physical Geography, or GGR389: Field Studies in Human Geography are comparable.

No. Hours Instruction: 54

Offered at St George: No

Revived Course: No

Course #4 FAH205H5 Art in Antiquity (HUM)

Description: This course offers a survey of the arts of antiquity. Emphasis is placed on major works of sculpture, painting, and architecture from the ancient Mediterranean world. Decorative arts are also treated.

Exclusion: FAH207H1, VPHB52

Recommended Preparation: FAH101H5/FAH105H5/FAH202H5

Rationale: Due to lack of a Classicist to teach separate Greek and Roman Art classes, this course reflects the combining of the two courses.

No. Hours Instruction:

Offered at St George: No

Revived Course: No

Course #5 FRE400H5 French Studies Internship (HUM)

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

Prerequisite: FRE382H5, FRE383H5 plus an additional 1.0 credit at the 300 level in FRE.

Rationale: This course provides the opportunity for students to apply key learning concepts acquired during coursework at U of T to real work environments.

No. Hours Instruction:

Offered at St George: No

Revived Course: No

Course #6 HIS364H5 International Labour Migration (HUM)

Description: This course examines and compares the history of international labour migration from the trans-Atlantic African slavery, indentured Asian labour to the manual labour migration in the present day.[24L]

Rationale: The department has a course on South American slavery but there is no course that takes a comparative look at the history of labour migration from the 17th century to the present day. This course deals specifically with the more oppressed types of international labour migration, from 1500 to the present, hence the focus on the Afro-Asian peoples. This juxtaposition of different regimes of international labour migrations will allow students to compare and contrast how far structures and circumstances have changed through the different historical periods. The course also provides a wider perspective that the course on Chinese Diasporas (HIS383H5) that was deleted.

No. Hours Instruction: 24L

Offered at St George: No

Revived Course: No

Course #7 HIS374H5 Gender and Sexuality in the US, 1945-present (HUM)

Description: This class historicizes the intersectional analysis of gendered and sexed bodies after 1945. We explore topics such as normative gender expectations; reproductive freedom; masculinities; second-wave feminism; race, class and poverty; conservative backlash; media and gender/sexuality; LGBTQ social movements; trans histories. In terms of methods, I look forward to introducing students to experiments in digital history. [24L]

Recommended Preparation: HIS101H5; WGS101H5; HIS272Y5; any course in US History

Rationale: There is currently no course on the books that covers the history of gender and sexuality in the United States. The focus is on the post-1945 period for a few reasons: 1) greater student interest; 2) greater ability to include social

movements concerning sexuality; 3) greater ability to include new scholarship in transgender history; 4) ability to dovetail with offerings in both History, especially in the survey in Canadian women's history, and in Women and Gender Studies.

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

Course #8 HIS492H5 Entrepreneurial Diasporas (HUM)

Description: This course examines and compares the history of entrepreneurial diasporas operating in the Afro-Asian regions during the nineteenth and early twentieth centuries.[24L]

Recommended Preparation: DTS201H5/DTS202H5/HIS282H5/HIS284H5

Rationale: The entrepreneurial diasporas are also sometimes called the trade diasporas including the Chinese and Indians in Southeast Asia, Lebanese in West Africa and Indians in East Africa. These are groups that especially faced persecution in the immediate post-colonial period in the 1950s-1970s in Afro-Asian regions.

This course allows Diaspora Major students to complete 0.5 credit of the 1.0 400 level requirement at UTM.

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

Course #9 HIS497Y5 Independent Reading (HUM)

Description: Student-initiated project of reading and research, supervised by a member of the Department. Primarily intended for students in Specialist or Major programs. After obtaining a supervisor, a student must apply to the Department of Historical Studies. A maximum of 1.0 credit in a reading course is permitted.

Rationale: The one-semester Independent Reading courses have already proven to be of great pedagogical benefit to students and faculty alike. We are now creating a two-semester version to be an option for those students and faculty interested in pursuing a larger project or topic that requires a longer period of study.

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

Course #10 ITA241H5 Classics of Italian Cinema of the Sixties and Seventies Part I (HUM)

Description: (Offered in English) This course explores varying aspects of Italian cinema during the 60s and 70s. Topics, genres, etc. covered will include the Break with Neorealism and Commedia all italiana (Comedy, Italian Style). Films analyzed are by those directors who crossed over genres throughout their careers. Students will gain the necessary framework of the events surrounding the make and release of the film (i.e., what is happening in Italy during those years) so as to better contextualize and understand the images before them. **Written work must be done in Italian for students enrolled in any Italian Minor, Major or Specialist program.**

Exclusion: ITA242Y5, ITA243Y5, ITA242H5.

Prerequisite: ITA100Y5

Rationale: This is not a new course. Dividing ITA242Y5 course into H courses allows for more freedom of selection (for students) and greater scheduling choices (with regards to curriculum) for faculty.

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

Course #11 ITA242H5 Classics of Italian Cinema of the Sixties and Seventies Part I (HUM)

Description: (Offered in English) This course explores varying aspects of Italian cinema during the 60s and 70s. Topics, genres, etc. covered will include the Break with Neorealism and Commedia all italiana (Comedy, Italian Style). Films analyzed are by those directors who crossed over genres throughout their careers. Students will gain the necessary framework of the events surrounding the make and release of the film (i.e., what is happening in Italy during those years) so as to better contextualize and understand the images before them. **This course does not count towards any Italian program. It will count only as an elective.**

Exclusion: ITA241H5, ITA242Y5, ITA243Y5

Rationale: This is not a new course. Dividing ITA243Y5 course into H courses allows for more freedom of selection (for students) and greater scheduling choices (with regards to curriculum) for faculty.

No. Hours Instruction: 24L, 24P

Offered at St George: No

Revived Course: No

Course #12 ITA243H5 Classics of Italian Cinema of the Sixties and Seventies Part II (HUM)

Description: This course explores varying aspects of Italian cinema during the 60s and 70s. Topics, genres, etc. covered will include Spaghetti Westerns, Gangster films, Horror, and Holocaust Cinema. Films analyzed are by those directors who crossed over genres throughout their artistic careers. Students will gain the necessary framework of the events surrounding the make and release of the film (i.e., what is happening in Italy during those years) so as to better contextualize and understand the images before them. **Written work must be done in Italian for students enrolled in any Italian Minor, Major or Specialist program.**

Exclusion: ITA244H5, ITA242Y5, ITA243Y5

Prerequisite: ITA100Y5

Rationale: This is not a new course. Dividing ITA242Y5 course into H courses allows for more freedom of selection (for students) and greater scheduling choices (with regards to curriculum) for faculty.

No. Hours Instruction: 24L, 24P

Offered at St George: No

Revived Course: No

Course #13 ITA244H5 Classics of Italian Cinema of the Sixties and Seventies Part II (HUM)

Description: : (Offered in English) This course explores varying aspects of Italian cinema during the 60s and 70s. Topics, genres, etc. covered will include Spaghetti Westerns, Gangster films, Horror, and Holocaust Cinema. Films analyzed are by those directors who crossed over genres throughout their artistic careers. Students will gain the necessary framework of the events surrounding the make and release of the film (i.e., what is happening in Italy during those years) so as to better contextualize and understand the images before them. **This course does not count towards any Italian program. It will count only as an elective.**

Exclusion: ITA243H5, ITA242Y5, ITA243Y5

Rationale: Re-weighted course replaces ITA243Y5. Dividing the Y course into H courses allows for more freedom of selection (for students) and greater scheduling choices (with regards to curriculum) for faculty.

No. Hours Instruction:

Offered at St George: No

Revived Course: No

Course #14 ITA245H5 Contemporary Italian Cinema Part I (HUM)

Description: (Offered in English) This course is a study of Italian cinema from the late 1970s to the present. Various works from several directors (Nanni Moretti, Giuseppe Tornatore, Bernardo Bertolucci, and others) will be analyzed. Films and analyses will centre on themes, genres, etc. such as Odes and Homages to Italian Cinema, Religion, Psychoanalysis, and Introspection, and Crime and Mafia. **Written work must be done in Italian for students enrolled in any Italian Minor, Major or Specialist program.**

Exclusion: ITA246H5, ITA246Y5, ITA247Y5

Prerequisite: ITA100Y5

Rationale:

Re-weighted course replaces ITA247Y5. Dividing the Y course into H courses allows for more freedom of selection (for students) and greater scheduling choices (with regards to curriculum) for faculty.

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

Course #15 ITA246H5 Contemporary Italian Cinema Part I (HUM)

Description: (Offered in English) This course is a study of Italian cinema from the late 1970s to the present. Various works from several directors (Nanni Moretti, Giuseppe Tornatore, Bernardo Bertolucci, and others) will be analyzed. Films and analyses will centre on themes, genres, etc. such as Odes and Homages to Italian Cinema, Religion, Psychoanalysis, and Introspection, and Crime and Mafia. **This course does not count towards any Italian program. It will count only as an elective.**

Exclusion: ITA245H5, ITA246Y5, ITA247Y5

Rationale: Re-weighted course replaces ITA246Y5. Dividing the Y course into H courses allows for more freedom of selection (for students) and greater scheduling choices (with regards to curriculum) for faculty.

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

Course #16 ITA247H5 Contemporary Italian Cinema Part II (HUM)

Description: (Offered in English) This course is a study of Italian cinema from the late 1970s to the present. Various works from several directors (Gabriele Salvatores, Gianni Amelio, Francesco Rosa, Roberto Benigni, and others) will be analyzed. Films and analyses will centre on themes, genres, etc. such as The Crisis of Cinema, Italians in the Holocaust, The Second World War, and The Cinema of Crisis: Commedia all italiana Revisited through Identity and Immigration. **Written work must be done in Italian for students enrolled in any Italian Minor, Major or Specialist program.**

Exclusion: ITA248H5, ITA246Y5, ITA247Y5

Prerequisite: ITA100Y5

Rationale: Re-weighted course replaces ITA247Y5. Dividing the Y course into H courses allows for more freedom of selection (for students) and greater scheduling choices (with regards to curriculum) for faculty.

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

Course #17 ITA248H5 Contemporary Italian Cinema Part II (HUM)

Description: (Offered in English) This course is a study of Italian cinema from the late 1970s to the present. Various works from several directors (Gabriele Salvatores, Gianni Amelio, Francesco Rosa, Roberto Benigni, and others) will be analyzed. Films and analyses will centre on themes, genres, etc. such as The Crisis of Cinema, Italians in the Holocaust, The Second World War, and The Cinema of Crisis: Commedia all italiana Revisited through Identity and Immigration. **This course does not count towards any Italian program. It will count only as an elective.**

Exclusion: ITA247H5, ITA246Y5, ITA247Y5

Rationale: Re-weighted course replaces ITA246Y5. Dividing the Y course into H courses allows for more freedom of selection (for students) and greater scheduling choices (with regards to curriculum) for faculty.

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

Course #18 ITA309H5 Mafia Movies: Unraveling the Mob in Italian and North American Cinema (HUM)

Description:	(Offered in English) Through a selection of contemporary Italian and American films, such as <i>The Godfather</i> , <i>Gomorra</i> , <i>I cento passi</i> , and others, this course explores the representation of the Mafia, and the myths surrounding it, in relation (and in contrast to) to its historical, political, social, and cultural realities in Italy, Canada, and United States. The course will also analyze the ways in which Italian Mafia films deglamorize the mafioso image while American popular cinema perpetuates its mystique. Written work must be done in Italian for students enrolled in any Italian Minor, Major or Specialist program.
Exclusion:	ITA310H5
Prerequisite:	ITA100Y5
Rationale:	Offering students a wide-range of courses in order to increase their breadth of knowledge of Italian Studies.
No. Hours Instruction:	24L, 24P
Offered at St George:	No
Revived Course:	No

Course #19 ITA310H5 Mafia Movies: Unraveling the Mob in Italian and North American Cinema (HUM)

Description:	(Offered in English) Through a selection of contemporary Italian and American films, such as <i>The Godfather</i> , <i>Gomorra</i> , <i>I cento passi</i> , and others, this course explores the representation of the Mafia, and the myths surrounding it, in relation (and in contrast to) to its historical, political, social, and cultural realities in Italy, Canada, and United States. The course will also analyze the ways in which Italian Mafia films deglamorize the mafioso image while American popular cinema perpetuates its mystique. This course does not count towards any Italian program. It will count only as an elective.
Exclusion:	ITA309H5
Rationale:	Offering students a wide-range of courses in order to increase their breadth of knowledge of Italian Studies.
No. Hours Instruction:	24L, 24P
Offered at St George:	No
Revived Course:	No

Course #20 ITA311H5 Laughter Is the Best Medicine: Italian Cinematic Comedies and Comedians, Then and Now (HUM)

Description:	(Offered in English) This course presents students with an overview of Commedia all italiana (Comedy, Italian Style), an integral part of the fabric of Italian cinema, from its origins to its manifestations today. Students will learn about the importance and influence of the genre, which is deeply rooted in the history, politics, society, and culture of the Italian peninsula. Films and analyses will also centre on the Italian star system (such as Totò, Troisi, Benigni, and Zalone) and their works. Written work must be done in Italian for students enrolled in any Italian Minor, Major or Specialist program.
Exclusion:	ITA312H5
Prerequisite:	ITA100Y5
Rationale:	Offering students a wide-range of courses in order to increase their breadth of knowledge of Italian Studies
No. Hours Instruction:	24L, 24P
Offered at St George:	No
Revived Course:	No

Course #21 ITA312H5 Laughter Is the Best Medicine: Italian Cinematic Comedies and Comedians, Then and Now (HUM)

Description:	: (Offered in English) This course presents students with an overview of Commedia all italiana (Comedy, Italian Style), an integral part of the fabric of Italian cinema, from its origins to its manifestations today. Students will learn about the importance and influence of the genre, which is deeply rooted in the history, politics, society, and culture of the Italian peninsula. Films and analyses will also centre on the Italian star system (such as Totò, Troisi, Benigni, and Zalone) and their works. This course does not count towards any Italian program. It will count only as an elective.
Exclusion:	ITA311H5
Rationale:	Offering students a wide-range of courses in order to increase their breadth of knowledge of Italian Studies

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

Course #22 ITA370Y5 Power and Success in the Renaissance (HUM)

Description: Concepts of Power and strategies for success in Machiavelli's *Principe* and Castiglione's *Libro del Cortegiano*. Politics, art and the pen as instruments of distinction in Lorenzo de Medici, Michelangelo, and Pietro Aretino.
Exclusion: ITA370H5
Prerequisite: ITA200Y5
Rationale:
No. Hours Instruction: 48L
Offered at St George: No
Revived Course: No

Course #23 LIN258H5 Introduction to Psycholinguistics and Language Acquisition (HUM)

Description: This course is a general introduction to psycholinguistics and language acquisition. It covers topics such as the neurobiological bases of language, the mental lexicon, memory, speech production/perception, sentence comprehension, and first/second language acquisition and bilingualism. Half of the course will introduce students to the tools and methods for designing psycholinguistic experiments. The course includes a tutorial where students will become familiar with experimental design and will learn to operate various software programs and hardware used in psycholinguistic experiments.
Exclusion: PSY374H5, PLIC55H3, JLP374H1
Prerequisite: LIN100Y5
Rationale: This course will serve as a necessary foundation for higher courses in bilingualism and language acquisition (LIN356H5, LIN358H5) and add variety to our offerings at the 200 level.
No. Hours Instruction: 24L, 12T
Offered at St George: No
Revived Course: No

Course #24 LIN477H5 Topics in Natural Language Processing (HUM)

Description: A brief introduction to Linguistics and Computing followed by applications to computational understanding of text and language. This course is cross-disciplinary, tools and project based; it teams Linguistics and Computer Science students in projects exploring novel applications of Natural Language Processing. Example topics include text summarization, classification and sentiment analysis using tools such as Python and the NLTK with applications to understanding the web and social media. Topics and applications will vary by instructor.
Exclusion: CSC384H5
Prerequisite: For LIN program students LIN 347/JAL353/LIN406 plus 1.0 additional credit at the 300 level. For CS program students CSC207, STA 256 and/or permission from the instructor.
Rationale: This course will make links with relevant research for linguistics students within the field of computational studies.
No. Hours Instruction: 24L, 12T
Offered at St George: No
Revived Course: No

Course #25 PHL242H5 Science Fiction and Philosophy (HUM)

Description: Science fiction is a rich resource for philosophical thinking. Are we in a matrix? Are there alternative realities? Is teleportation, or telepathy, or telekinesis, or time travel, possible? In addition, philosophical thought experiments often include elements of science fiction, like twin-earths, zombies, swamp people, inverted spectra, brain-splitting,

eternal recurrences, and evil demons. This course considers these topics - both some philosophy of science fiction and some science fiction in philosophy.

Prerequisite: PHL105Y5 (may be taken as a corequisite) or PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.

Rationale: We have very few courses that present topics in metaphysics and epistemology in a way that is accessible to students. This course aims to fill this gap.

No. Hours Instruction: 36L

Offered at St George: No

Revived Course: No

Course #26 PHL265H5 Social and Political Philosophy (HUM)

Description: A survey of the major political theorists/theories of the Western philosophical tradition. Questions to be addressed include: Why obey the law? What is justice? What is the best form of government?

Exclusion: PHL277Y5

Prerequisite: PHL105Y5 (may be taken as a corequisite) or PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.

Rationale: This a semester long course that provides a topics based introduction to social and political philosophy (See 277Y revision). This also aligns our offerings with St. George and Scarborough, and corresponds to the practice in most other peer institutions.

No. Hours Instruction: 36L

Offered at St George: No

Revived Course: No

Course #27 PHL275H5 Ethics and Moral Philosophy (HUM)

Description: A survey of the major moral theorists/theories of the Western philosophical tradition. Questions to be addressed include: Why be moral? What makes certain actions right or wrong? Can we know what is morally right or wrong?

Exclusion: PHL277Y

Prerequisite: PHL105Y5 (may be taken as a corequisite) or PHL145H5 or 4.0 credits.

Rationale: This a semester long course that provides a topics based introduction to ethics and moral philosophy (See 277Y revision). This also aligns our offerings with St. George and Scarborough, and corresponds to the practice in most other peer institutions.

No. Hours Instruction: 36L

Offered at St George: No

Revived Course: No

Course #28 PHL284H5 Philosophy of Food (HUM)

Description: What obligations do we have in light of the effects of our food choices? Do we have any obligations to non-human animals; are we obliged to spare them painful lives and deaths? Are we obligated to spare their lives altogether? What about our obligations to our fellow humans, and to the environment that future humans will live in? Are we obligated to choose foods that minimize harm to the environment and to other communities? We will explore these questions at both the individual and the social-policy levels. For example, should we as a society have laws that ban certain foods, or certain treatments of animals? Or do such laws trample the freedom of individual choice? Whatever laws we do have, are we as individuals obliged to take responsibility for what we eat? Or are the effects of our choices just an insignificant drop in the bucket, since they make no real difference given what everyone else is doing?

Rationale: Faculty interest.

No. Hours Instruction: 36L

Offered at St George: No

Revived Course: No

Course #29 RLG201H5 Introduction to Religion in the Literary, Visual, and Performing Arts (HUM)

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

Rationale: This course fills a departmental need to provide a broad-ranging, cross-disciplinary, comparative course at the introductory level that cuts across various world religions, and, in these respects, it would be the only one of its kind to be offered at the 200-level. This course would provide a preliminary foundation for more advanced courses offered by Historical Studies.

No. Hours Instruction: 24L

Offered at St George: No

Revived Course: No

Course #30 RLG209H5 Introduction to Indigenous Religions (HUM)

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

Rationale: Currently no course on this topic is offered on any UofT campus by the respective units responsible for teaching the academic study of religion. The closest current option is in Aboriginal Studies on the St. George campus (ABS205H1 Indigenous Worldviews, Spiritual and Healing Traditions). In addition to the fact that a course on Indigenous religions would address an important and otherwise largely neglected topic, it would also be an excellent complement to the newly created UTM Indigenous Centre.

No. Hours Instruction: 24L, 10T

Offered at St George: No

Revived Course: No

Course #31 RLG358H5 Christianity in Late Antiquity: From Persecuted Sect to Imperial Religion (HUM)

Description: Beginning at the end of the Apostolic Age and continuing up to the seventh-century confrontation with early Islam, this course examines the evolution of Christianity from a persecuted sect to the predominant religion of the Roman and Byzantine Empires, with a particular focus on the Eastern Mediterranean and Mesopotamian contexts.[24L]

Prerequisite: RLG203H5

Recommended Preparation: RLG323H5/RLG324H5/RLG326H5

Rationale: The department has recently been updating and revising the Christianity curriculum. This project involves revising the titles/descriptions of the core historical courses in Christianity, and a course in late antique Christian history is conspicuously absent. This course supplements, and follows from, the two biblical courses in the field and will lead into chronologically later courses in the history of Christianity as well as topical courses dealing with thematic issues in the history of Christianity.

No. Hours Instruction: 24L

Offered at St George: No

Revived Course: No

Course #32 RLG359H5 The Orthodox Church of the Byzantine Empire (HUM)

Description: By the end of the fourth century, Constantinople was becoming the centre of a distinct branch of the Christian Church. This course will explore the formation and development of this Eastern Orthodox Christianity, including its theology, religious practices, social and cultural impact, and relationship to political power. [24L]

Rationale:

6

This course fills a gap in the curriculum structure, other courses in the curriculum only glancingly touch upon the history of the Orthodox Christian east. The medieval Christianity course focuses primarily on Western Europe and the history of the Byzantine Empire and its churches cannot be reduced to footnotes on the West, but demands its own full-scale course as a complement to other courses that address the history of Christianity from the fourth to fifteen centuries (namely, the courses on early, medieval, and Reformation Christianity).

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

Course #33 RLG462H5 Sex and Gender in South Asian Religions (HUM)

Description: This course examines ideas, roles, and regulation of sexuality and gender in South Asian religious traditions, paying attention to sexual abstinence and promiscuity as forms of piety, and we will examine performances of the gendered body that transcend and/or problematize the binary construction of masculine and feminine.[24L]

Prerequisite: RLG101H5/RLG205H5

Rationale: This course adds to existing courses on issues of sex and gender in the study of religious traditions. The South Asia focus of the course will enhance the new minor in South Asian studies, and also help satisfy growing student demand for courses focused on the study of sex, gender, and the body in History of Religions. We have a 400-level topics in South Asian religions course, but few permanent courses in this area on the record. Religion and Gender is a 300-level course, it makes the most sense for this to be a 400-level course.

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

Course #34 RLG497Y5 Independent Reading (HUM)

Description: Student-initiated project of reading and research, supervised by a member of the Department. Primarily intended for students in Specialist or Major programs. After obtaining a supervisor, a student must apply to the Department of Historical Studies. A maximum of 1.0 credit in a reading course is permitted.

Rationale: The one-semester Independent Reading courses have already proven to be of great pedagogical benefit to students and faculty alike. We are now creating a two-semester version to be an option for those students and faculty interested in pursuing a larger project or topic that requires a longer period of study.

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

Course #35 WGS202H5 Fundamentals of Research in Women's and Gender Studies (HUM)

Description: This interdisciplinary course focuses on the visions and methods that feminist scholars use to study women's and gender issues within and across a range of traditional disciplines. The course explores feminist epistemologies and research methods to understand how to carry out feminist research. We will focus on how feminist scholars challenge dominant theories of knowledge and the major methodologies employed in the social sciences and humanities. [24L]

Prerequisite: WGS101H5

Rationale: The goal is to provide an introductory framework for thinking about methods of research from a feminist perspective and for applying theory to the research on gender and women's issues in the fields of politics, sexuality studies, information technology, violence against women, employment and media studies, among others.

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

Course #36 WGS497Y5 Independent Reading (HUM)

Description: Student-initiated project of reading and research, supervised by a member of the Department. Primarily intended for students in a Major program. After obtaining a supervisor, a student must apply to the Department of Historical Studies. A maximum of 1.0 credit in a reading course is permitted.

Rationale: The one-semester Independent Reading courses have already proven to be of great pedagogical benefit to students and faculty alike. We are now creating a two-semester version to be an option for those students and faculty interested in pursuing a larger project or topic that requires a longer period of study.

No. Hours Instruction:

Offered at St George: No

Revived Course: No

Course #37 utm193H5 utmONE Scholars: Nations Colliding? (HUM,SSc)

Description: This course investigates the complexity of our global interconnectedness through the lens of a substantive topic. Questions vary annually, but may include: Do all nations benefit equally from this increasing connectivity? How do global connections affect culture? What strategies offer long-term sustainability? What are the impacts of interconnectedness, both to individual citizens and to societies at large? Questions will be explored using a multidisciplinary approach.

Exclusion: utm110H5, utm111H5, utm112H5, utm190H5, utm191H5, utm192H5

Rationale: utmONE is building a repertoire of classes that can be taught by a number of instructors on campus. This course matches the overall theme of Global Horizon and can be taught by a variety of different departments.

No. Hours Instruction: 24S

Offered at St George: No

Revived Course: No

This course is open to high achieving first-year students only. All interested students must apply and a select group of academically successful students will be accepted into the utmONE Scholars' Seminars. The application can be found here: www.utm.utoronto.ca/utmone/utmone-scholars-seminars

Courses - Resource Implications

Course #1 ARA211Y5 Introductory Arabic for Students with Prior Background

Resource implications: None.

Course #2 ARA212Y5 Introductory Arabic

Resource implications: None.

Course #3 ARA312Y5 Intermediate Arabic

Resource implications: None.

Course #4 CCT451H5 Advanced Audio Production (SH)

Resource implications: None

Course #5 CHI100Y5 Modern Standard Chinese I

Resource implications: None.

Course #6 CHI101H5 Modern Chinese I for Students with Prior Background

Resource implications: None. There is a reduction in teaching resources due to the reweighting of Y to an H course.

Course #7 CHI200Y5 Modern Standard Chinese II

Resource implications: None.

Course #8 CHI301Y5 Advanced Chinese

Resource implications: None.

Course #9 CIN101H5 An Introduction to Cinema Studies

Resource implications: There are no resource implications.

Course #10 CIN203H5 The Films of Alfred Hitchcock

Resource implications: There are no resource implications.

Course #11 CIN207H5 The Moving Image: History and Concepts

Resource implications: There are no resource implications.

Course #12 CIN215H5 Bollywood in Context

Resource implications: There are no resource implications.

Course #13 CIN301H5 Topics in Cinema Studies

Resource implications: There are no resource implications.

Course #14 CIN303H5 Global Auteurs

Resource implications: There are no resource implications.

Course #15 CIN304H5 The Violent Image

Resource implications: There are no resource implications.

Course #16 CIN306H5 The Comedic Image

Resource implications: There are no resource implications.

Course #17 CIN307H5 Movement

Resource implications: There are no resource implications.

Course #18 CIN401H5 Topics in Cinema Studies

Resource implications: There are no resource implications.

Course #19 CIN402H5 Avant-Garde Film and Video

Resource implications: There are no resource implications.

Course #20 CLA101H5 Introduction to Classical Civilization

Resource implications: No resource implications.

Course #21 CLA204H5 Introduction to Classical Mythology

Resource implications: No resource implications.

Course #22 CLA230H5 Introduction to Greek History

Resource implications: No resource implications.

Course #23 CLA231H5 Introduction to Roman History

Resource implications: No resource implications.

Course #24 CLA233H5 Introduction to Roman Culture & Society

Resource implications: No resource implications.

Course #25 CLA237H5 Introduction to Greek Culture & Society

Resource implications: No resource implications.

Course #26 CLA300H5 Greek Tragedy and Comedy

Resource implications: No resource implications.

Course #27 CLA301H5 Greek Epic

Resource implications: No resource implications.

Course #28 CLA302H5 Roman Epic

Resource implications: No resource implications.

Course #29 CLA303H5 The Ancient Novel

Resource implications: No resource implications.

Course #30 CLA308H5 Religion in the Ancient Greek World

Resource implications: No resource implications.

Course #31 CLA310H5 Religion in the Roman Empire

Resource implications: No resource implications.

Course #32 CLA348H5 Egypt in the Graeco-Roman World

Resource implications: No resource implications.

Course #33 CLA497Y5 Independent Reading

Resource implications: Course will be taught by a Faculty member.

Course #34 DRE380H5 Repertory Theatre in Practice: The Shaw Festival

Resource implications: None. Course will be taught by a current faculty member as part of his regular teaching load.

Course #35 DTS202H5 Introduction to Diaspora and Transnational Studies II

Resource implications: No resource implications.

Course #36 ENG305H5 Swift, Pope, and their Contemporaries

Resource implications: None

Course #37 ENG306Y5 Poetry and Prose 1660-1800

Resource implications: None

Course #38 FAH101H5 Introduction to Art History

Resource implications: There are no resource implications

Course #39 FAH205H5 Art in Antiquity

Resource implications: Books for library. In consultation with Pam King.

Course #40 FAH267H5 Art of the Medieval Mediterranean

Resource implications: There are no resource implications

Course #41 FAH271H5 Art of the Medieval North

Resource implications: There are no resource implications

Course #42 FAH274H5 Renaissance Art and Architecture

Resource implications: There are no resource implications

Course #43 FAH279H5 Baroque Art and Architecture

Resource implications: There are no resource implications.

Course #44 FAH285H5 Art and Religion

Resource implications: There are no resource implications.

Course #45 FAH287H5 European Art of the Nineteenth Century

Resource implications: There are no resource implications.

Course #46 FAH288H5 Art of the Earlier 20th Century

Resource implications: There are no resource implications.

Course #47 FAH289H5 Art Since 1945

Resource implications: There are no resource implications.

Course #48 FAH291H5 History of Photography

Resource implications: There are no resource implications.

Course #49 FAH301H5 History and Practices of Visual Resource Collecting

Resource implications: There are no resource implications.

Course #50 FAH310H5 Introduction to Curatorial Practice

Resource implications: There are no resource implications.

Course #51 FAH322H5 Romanesque Sculpture

Resource implications: There are no resource implications.

Course #52 FAH329H5 Early Christian Art and Architecture

Resource implications: There are no resource implications.

Course #53 FAH332H5 Studies in Baroque Painting

Resource implications: There are no resource implications.

Course #54 FAH337H5 Court Art and Patronage in the Middle Ages

Resource implications: There are no resource implications.

Course #55 FAH343H5 Pilgrimage

Resource implications: There are no resource implications.

Course #56 FAH351H5 Gothic Architecture

Resource implications: There are no resource implications.

Course #57 FAH353H5 Rome in the Age of Bernini

Resource implications: There are no resource implications.

Course #58 FAH356H5 Colonial Latin American Art and Architecture

Resource implications: There are no resource implications.

Course #59 FAH360H5 Art and Visual Culture of the Eighteenth Century

Resource implications: There are no resource implications.

Course #60 FAH379H5 Science and Art in the Modern Period

Resource implications: There are no resource implications.

Course #61 FAH380H5 New Genres in Contemporary Art

Resource implications: There are no resource implications.

Course #62 FAH385H5 Contemporary South Asian Art

Resource implications: There are no resource implications.

Course #63 FAH388H5 Theory in Art History

Resource implications: There are no resource implications.

Course #64 FAH392H5 Topics in Modern Art/Architecture

Resource implications: There are no resource implications.

Course #65 FAH393H5 Topics in Ancient Greco-Roman Art

Resource implications: There are no resource implications.

Course #66 FAH423H5 Advanced Studies in the Art of the Medieval Mediterranean

Resource implications: There are no resource implications.

Course #67 FAH434H5 Art and Architecture of Medieval Rome

Resource implications: There are no resource implications.

Course #68 FAH435H5 Women and Art in the Middle Ages

Resource implications: There are no resource implications.

Course #69 FAH441H5 Reformation and Counter-Reformation Art

Resource implications: There are no resource implications.

Course #70 FAH449H5 Renaissance Narrative Painting

Resource implications: There are no resource implications.

Course #71 FAH451H5 Curatorial Practice

Resource implications: There are no resource implications.

Course #72 FAH453H5 The Archive and the Formless

Resource implications: There are no resource implications.

Course #73 FAH454H5 Contemporary Jewish Art

Resource implications: There are no resource implications.

Course #74 FAH457H5 Exile and Expatriation in Modern Art

Resource implications: There are no resource implications.

Course #75 FAH460H5 Art and Animation

Resource implications: There are no resource implications.

Course #76 FAH465H5 Icon, Artwork, Fetish

Resource implications: There are no resource implications.

Course #77 FAH470H5 The History of Art History

Resource implications: There are no resource implications.

Course #78 FAH490H5 Topics in Ancient Art and Architecture

Resource implications: There are no resource implications.

Course #79 FAH491H5 Topics in Medieval Art and Architecture

Resource implications: There are no resource implications.

Course #80 FAH492H5 Topics in Modern/Art/Architecture

Resource implications: There are no resource implications.

Course #81 FAH493H5 Topics in Early Modern Art and Architecture

Resource implications: There are no resource implications.

Course #82 FAH494H5 Topics in Contemporary Art and Theory

Resource implications: There are no resource implications.

Course #83 FAS143H5 Drawing I

Resource implications: There are no resource implications.

Course #84 FAS145H5 Painting I

Resource implications: There are no resource implications.

Course #85 FAS147H5 Photography I

Resource implications: There are no resource implications.

Course #86 FAS234H5 Print Media II

Resource implications: There are no resource implications.

Course #87 FAS243H5 Drawing II

Resource implications: There are no resource implications.

Course #88 FAS245H5 Painting II

Resource implications: There are no resource implications.

Course #89 FAS247H5 Photography II

Resource implications: There are no resource implications.

Course #90 FAS248H5 Sculpture I

Resource implications: There are no resource implications.

Course #91 FAS330Y5 Experimentation in Past and Present Techniques

Resource implications: There are no resource implications.

Course #92 FAS334Y5 Print Media III

Resource implications: There are no resource implications.

Course #93 FAS343Y5 Drawing III

Resource implications: There are no resource implications.

Course #94 FAS345Y5 Painting III

Resource implications: There are no resource implications.

Course #95 FAS346Y5 Design III

Resource implications: There are no resource implications.

Course #96 FAS347Y5 Photography III

Resource implications: There are no resource implications.

Course #97 FAS348Y5 Continuing Investigations in Sculpture

Resource implications: There are no resource implications.

Course #98 FAS349Y5 Video, Sound and Performance

Resource implications: There are no resource implications.

Course #99 FAS434Y5 Individual Investigations in Print Media

Resource implications: There are no resource implications.

Course #100 FAS443Y5 Individual Investigations in Drawing

Resource implications: There are no resource implications.

Course #101 FAS445Y5 Individual Investigations in Painting

Resource implications: There are no resource implications.

Course #102 FAS446Y5 Individual Investigations in Design

Resource implications: There are no resource implications.

Course #103 FAS447Y5 Individual Investigations in Photography

Resource implications: There are no resource implications.

Course #104 FAS448Y5 Individual Investigations in Sculpture

Courses - Resource Implications

34

Humanities

Resource implications: There are no resource implications.

Course #105 FAS450Y5 Advanced Project

Resource implications: There are no resource implications.

Course #106 FAS453H5 Art Education Practice

Resource implications: There are no resource implications.

Course #107 FAS454H5 Professional Practice

Resource implications: There are no resource implications.

Course #108 FAS455H5 Teaching Art in the School and Community

Resource implications: There are no resource implications.

Course #109 FRE180H5 Introduction to French Studies I

Resource implications: None.

Course #110 FRE181H5 Introduction to French Studies II

Resource implications: None.

Course #111 FRE280Y5 Advanced Language Practice II: Written and Oral

Resource implications: None.

Course #112 FRE400H5 French Studies Internship

Resource implications: None. Course will be supervised by current full-time faculty.

Course #113 FSL105H5 Functional French-Novice

Resource implications: None.

Course #114 FSL106H5 Functional French-Advanced Beginner

Resource implications: None.

Course #115 FSL205Y5 Functional French-Intermediate

Resource implications: None.

Course #116 HIN212Y5 Introduction to Hindi

Resource implications: None.

Course #117 HIS241H5 Introduction to 19th-Century European History

Resource implications: No resource implications.

Course #118 HIS242H5 Introduction to Contemporary European History

Resource implications: No resource implications.

Course #119 HIS250H5 Introduction to Russian History

Courses - Resource Implications

35

Humanities

Resource implications: No resource implications.

Course #120 HIS261H5 Introduction to Canadian History

Resource implications: No resource implications.

Course #121 HIS271H5 US History, Colonial Era to 1877

Resource implications: No resource implications.

Course #122 HIS272H5 US History, 1877-present

Resource implications: No resource implications.

Course #123 HIS282H5 Introduction to South Asian History

Resource implications: No resource implications.

Course #124 HIS290H5 Introduction to Latin American History

Resource implications: No resource implications.

Course #125 HIS295H5 Introduction to African History

Resource implications: No resource implications.

Course #126 HIS311H5 Introduction to Canadian International Relations

Resource implications: No resource implications.

Course #127 HIS312H5 Canadian Communities 1600-2000

Resource implications: No resource implications.

Course #128 HIS338H5 The Holocaust in Nazi Germany and Occupied Europe

Resource implications: No resource implications.

Course #129 HIS340H5 The Reformation in Europe

Resource implications: No resource implications.

Course #130 HIS351H5 Twentieth-Century Russia

Resource implications: No resource implications.

Course #131 HIS358H5 Canada Since World War Two

Resource implications: No resource implications.

Course #132 HIS364H5 International Labour Migration

Resource implications: The course is scheduled to be taught by a Faculty member on a rotational basis.

Course #133 HIS369H5 Great Lakes Aboriginal History

Resource implications: No resource implications.

Course #134 HIS371H5 The Americas: Interaction and Inequality

Resource implications: No resource implications.

Course #135 HIS372H5 The United States in the 20th Century

Resource implications: No resource implications.

Course #136 HIS374H5 Gender and Sexuality in the US, 1945-present

Resource implications: The course is scheduled to be taught by a Faculty member on a rotational basis.

Course #137 HIS454H5 Race, Gender and Nation in Modern Latin America

Resource implications: No resource implications.

Course #138 HIS492H5 Entrepreneurial Diasporas

Resource implications: The course is scheduled to be taught by a Faculty member on a rotational basis.

Course #139 HIS497Y5 Independent Reading

Resource implications: Course will be taught by a Faculty member.

Course #140 ITA241H5 Classics of Italian Cinema of the Sixties and Seventies Part I

Resource implications: None. Course is taught by full-time faculty.

Course #141 ITA242H5 Classics of Italian Cinema of the Sixties and Seventies Part I

Resource implications: None. Course will be taught by new hire full-time faculty.

Course #142 ITA243H5 Classics of Italian Cinema of the Sixties and Seventies Part II

Resource implications: None. Course is taught by full-time faculty.

Course #143 ITA244H5 Classics of Italian Cinema of the Sixties and Seventies Part II

Resource implications: None. Course will be taught by full-time faculty.

Course #144 ITA245H5 Contemporary Italian Cinema Part I

Resource implications: None. Course is taught by full-time faculty.

Course #145 ITA246H5 Contemporary Italian Cinema Part I

Resource implications: None. Course will be taught by full-time faculty.

Course #146 ITA247H5 Contemporary Italian Cinema Part II

Resource implications: None. Course will be taught by full-time faculty.

Course #147 ITA248H5 Contemporary Italian Cinema Part II

Resource implications: None. Course will be taught by full-time faculty.

Course #148 ITA309H5 Mafia Movies: Unraveling the Mob in Italian and North American Cinema

Resource implications: None. Course will be taught by new hire full-time faculty.

Course #149 ITA310H5 Mafia Movies: Unraveling the Mob in Italian and North American Cinema

Resource implications: None. Course will be taught by new hire full-time faculty.

Course #150 ITA311H5 Laughter Is the Best Medicine: Italian Cinematic Comedies and Comedians, Then and Now

Resource implications: None. Course will be taught by new hire full-time faculty.

Course #151 ITA312H5 Laughter Is the Best Medicine: Italian Cinematic Comedies and Comedians, Then and Now

Resource implications: None. Course will be taught by new hire full-time faculty.

Course #152 ITA370Y5 Power and Success in the Renaissance

Resource implications: None. Course is taught by a full-time faculty member.

Course #153 LIN100Y5 Introduction to General Linguistics

Resource implications: None.

Course #154 LIN203H5 English Words through Time and Space

Resource implications: None.

Course #155 LIN204H5 English Grammar

Resource implications: None.

Course #156 LIN228H5 Phonetics

Resource implications: None.

Course #157 LIN229H5 Sound Patterns in Language

Resource implications: None.

Course #158 LIN231H5 Morphological Patterns in Languages

Resource implications: None.

Course #159 LIN232H5 Syntactic Patterns in Language

Resource implications: None.

Course #160 LIN258H5 Introduction to Psycholinguistics and Language Acquisition

Resource implications: None. Course will be taught by current LIN full-time faculty.

Course #161 LIN477H5 Topics in Natural Language Processing

Resource implications: Offered based on instructor availability, alternating between CS and LIN faculty.

Course #162 PHL202H5 Ancient Philosophy

Resource implications: None

Course #163 PHL210Y5 17th and 18th Century Philosophy

Resource implications: New first year course PHL145H

Course #164 PHL220H5 Existentialism

Resource implications: None.

Course #165 PHL235H5 Philosophy of Religion

Resource implications: None.

Course #166 PHL240H5 Minds and Machines

Resource implications: None.

Course #167 PHL241H5 Freedom and Determinism

Resource implications: None.

Course #168 PHL242H5 Science Fiction and Philosophy

Resource implications: This course will be taught by regular Faculty. It would enter the regular rotation of second year courses.

Course #169 PHL243H5 Philosophy of Human Sexuality

Resource implications: None.

Course #170 PHL244H5 Human Nature

Resource implications: None

Course #171 PHL246H5 Probability and Inductive Logic

Resource implications: None.

Course #172 PHL255H5 Philosophy of Science

Resource implications: None.

Course #173 PHL258H5 Puzzles and Paradoxes

Resource implications: None.

Course #174 PHL265H5 Social and Political Philosophy

Resource implications: This course will be taught by regular Faculty.

Course #175 PHL267H5 Feminism

Resource implications: None.

Course #176 PHL271H5 Ethics and the Law

Resource implications: None.

Course #177 PHL272H5 Philosophy of Education

Resource implications: None.

Course #178 PHL273H5 Environmental Ethics

Resource implications: None.

Course #179 PHL274H5 Ethics and Society

Resource implications: None.

Course #180 PHL275H5 Ethics and Moral Philosophy

Resource implications: This course will be taught by regular Faculty.

Course #181 PHL277Y5 Moral, Social and Political Philosophy Through Its History

Resource implications: None.

Course #182 PHL282H5 Ethics: Death and Dying

Resource implications: None.

Course #183 PHL283H5 Bioethics

Resource implications: None.

Course #184 PHL284H5 Philosophy of Food

Resource implications: Course will be taught by regular Faculty.

Course #185 PHL285H5 Aesthetics

Resource implications: None.

Course #186 PHL290H5 Psychoanalysis

Resource implications: None.

Course #187 PHL295H5 Philosophy of Business

Resource implications: None.

Course #188 PHL299Y5 Research Opportunity Program

Resource implications: None.

Course #189 PHL375H5 Issues in Moral Philosophy

Resource implications: None.

Course #190 RLG101H5 Introduction to the Study of Religion

Resource implications: No resource implications.

Course #191 RLG201H5 Introduction to Religion in the Literary, Visual, and Performing Arts

Resource implications: The course is scheduled to be taught by a Faculty member on a rotational basis.

Course #192 RLG203H5 Introduction to Christianity

Resource implications: No resource implications.

Course #193 RLG204H5 Introduction to Islam and Muslim Civilizations

Courses - Resource Implications

40

Humanities

Resource implications: No resource implications.

Course #194 RLG206H5 Introduction to Buddhism

Resource implications: No resource implications.

Course #195 RLG209H5 Introduction to Indigenous Religions

Resource implications: Budget implications for addition of tutorials have been approved by the Deans Office. The course is scheduled to be taught by a Faculty member on a rotational basis.

Course #196 RLG312H5 Method and Theory in the History of Religions

Resource implications: No resource implications.

Course #197 RLG323H5 Jesus of Nazareth

Resource implications: No resource implications.

Course #198 RLG324H5 Paul and Earliest Christianity

Resource implications: No resource implications.

Course #199 RLG326H5 Early Christianity and Rabbinic Judaism

Resource implications: No resource implications.

Course #200 RLG332H5 Reel Religion

Resource implications: No resource implications.

Course #201 RLG333H5 Biblical Themes in Modern Literature

Resource implications: No resource implications.

Course #202 RLG346H5 Early Modern Christianity

Resource implications: No resource implications.

Course #203 RLG349H5 Medieval Christianity

Resource implications: No resource implications.

Course #204 RLG357H5 Contemporary Global Christianity

Resource implications: No resource implications.

Course #205 RLG358H5 Christianity in Late Antiquity: From Persecuted Sect to Imperial Religion

Resource implications: The course is scheduled to be taught by a Faculty member on a rotational basis.

Course #206 RLG359H5 The Orthodox Church of the Byzantine Empire

Resource implications: The course is scheduled to be taught by a Faculty member on a rotational basis.

Course #207 RLG462H5 Sex and Gender in South Asian Religions

Resource implications: The course is scheduled to be taught by a Faculty member on a rotational basis.

Course #208 RLG497Y5 Independent Reading

Resource implications: No resource implications.

Course #209 SPA100Y5 Spanish for Beginners

Resource implications: None.

Course #210 VCC101H5 Introduction to Visual Culture

Resource implications: There are no resource implications.

Course #211 VCC205H5 Monsters

Resource implications: There are no resource implications.

Course #212 VCC207H5 Urban Sites and Sounds

Resource implications: There are no resource implications.

Course #213 VCC236H5 North American Consumer Culture: 1890-Present

Resource implications: There are no resource implications.

Course #214 VCC304H5 Visual Culture and the Politics of Identity

Resource implications: There are no resource implications.

Course #215 VCC306H5 Visual Culture and Colonialism

Resource implications: There are no resource implications.

Course #216 VCC309H5 Society and Spectacle

Resource implications: There are no resource implications.

Course #217 VCC334H5 Media Realities

Resource implications: There are no resource implications.

Course #218 VCC338H5 Picturing the Suburbs

Resource implications: There are no resource implications.

Course #219 VCC360H5 South Asian Visual Culture

Resource implications: There are no resource implications.

Course #220 VCC390H5 Topics in Visual Culture and Communication

Resource implications: There are no resource implications.

Course #221 VCC400H5 Advanced Project

Resource implications: There are no resource implications.

Course #222 VCC406H5 Post-Colonialism and the Image

Resource implications: There are no resource implications.

Courses - Resource Implications

42

Humanities

Course #223 VCC407H5 Architectures of Vision

Resource implications: There are no resource implications.

Course #224 VCC409H5 Capital, Spectacle, War

Resource implications: There are no resource implications.

Course #225 VCC411H5 Real Space to Cyberspace

Resource implications: There are no resource implications.

Course #226 VCC415H5 Theory and Criticism of Photography and New Media

Resource implications: There are no resource implications.

Course #227 VCC425H5 Art and Media Culture

Resource implications: There are no resource implications.

Course #228 VCC427H5 Participatory Media

Resource implications: There are no resource implications.

Course #229 VCC490H5 Topics in Visual Culture and Communication

Resource implications: There are no resource implications.

Course #230 VST101H5 Introduction to Visual Studies

Resource implications: None. Course is taught by current faculty

Course #231 VST410H5 Internship in the Arts and Visual Studies

Resource implications: There are no resource implications.

Course #232 WGS200Y5 Theories in Women and Gender Studies

Resource implications: No resource implications.

Course #233 WGS202H5 Fundamentals of Research in Women s and Gender Studies

Resource implications: The course is scheduled to be taught by a Faculty member on a rotational basis.

Course #234 WGS215H5 Women, Politics and the State

Resource implications: No resource implications.

Course #235 WGS353H5 Theories of Masculinity

Resource implications: No resource implications.

Course #236 WGS365H5 Gender, Justice and the Law

Resource implications: No resource implications.

Course #237 WGS366H5 Women and Psychology

Resource implications: No resource implications.

Course #238 WGS367H5 Women and Health

Resource implications: No resource implications.

Course #239 WGS370H5 Gender, Sexuality, Identity

Resource implications: No resource implications.

Course #240 WGS420H5 Engendering Human Rights

Resource implications: No resource implications.

Course #241 WGS450H5 Theories of Sexuality

Resource implications: No resource implications.

Course #242 WGS455H5 Queer Theory

Resource implications: No resource implications.

Course #243 WGS497Y5 Independent Reading

Resource implications: Course will be taught by a Faculty member.

Course #244 utm110H5 utmONE: Building Global Justice

Resource implications: None

Course #245 utm112H5 utmONE: Power and Danger of Expression

Resource implications: None

Course #246 utm190H5 utmONE Scholars: The Drama of Politics

Resource implications: None

Course #247 utm192H5 utmONE Scholars: Language, Culture, and Mind

Resource implications: None

Course #248 utm193H5 utmONE Scholars: Nations Colliding?

Resource implications: None

Deleted Courses

Course #1 CCT415H5 Theory of Perception

Rationale: This course has not been offered for several years.

Course #2 CHI101Y5 Modern Chinese I for Students with Prior Background

Rationale: Y course will be reweighted to an H course.

Course #3 CHI201Y5 Modern Chinese II for Students with Prior Background

Rationale: All students can complete CHI200Y5 after completing either CHI100Y5 or CHI101H5.

Course #4 CLA304H5 Topics in Roman Poetry

Rationale: This course was last taught in 20059, there are no longer any Faculty members in the department available to teach the course.

Course #5 CLA335H5 Democracy in Ancient Greece

Rationale: This course was last taught in 20109, the course content is now being covered in a new course introduced last year.

Course #6 CLA347H5 Alexander the Great

Rationale: This course was last taught in 20131, the course content is now being covered in a new course introduced last year.

Course #7 FAH203H5 Greek Art and Architecture

Rationale: Due to lack of a Classicist to teach separate Greek and Roman Art classes, we are combining these courses, as they are combined elsewhere at the University of Toronto.

Course #8 FAH204H5 Roman Art and Architecture

Rationale: Due to lack of a Classicist to teach separate Greek and Roman Art classes, we are combining these courses, as they are combined elsewhere at the University of Toronto.

Course #9 FAH473H5 Writing Aloud: Language Arts

Rationale: This course will no longer be taught by current faculty.

Course #10 FAH475H5 The Performing Body In Performance Art

Rationale: This course will no longer be taught by current faculty.

Course #11 HIS315H5 History by Numbers

Rationale: This course was last taught in 20071, there are no longer any Faculty members in the department available to teach the course.

Course #12 HIS341H5 Britain in the Era of World Wars

Rationale: This course was last taught in 20089, there are no longer any Faculty members in the department available to teach the course.

Course #13 HIS365H5 Old Ontario

Deleted Courses

45

Humanities

Rationale: This course was last taught in 20055, Faculty members from the department are no longer available to teach the course,

Course #14 HIS379H5 History of the Asian Political Economy

Rationale: This course was last taught in 20105, there are no longer any Faculty members in the department interested in teaching the course.

Course #15 HIS380H5 Modern East Asia Through Film

Rationale: This course was last taught in 20071, there are no longer any Faculty members in the department available to teach the course.

Course #16 HIS383H5 Chinese Diaspora

Rationale: This course was last taught in 20119. The course is being replaced with a new course to appeal to a wider audience, while still covering topics from this course.

Course #17 HIS415H5 The Reform Tradition in Canada

Rationale: This course was last taught in 20081, there are no longer any Faculty members in the department available to teach the course.

Course #18 HIS429H5 Studies in Irish History

Rationale: This course was last taught in 20049, there are no longer any Faculty members in the department available to teach the course.

Course #19 HIS430H5 Appeasement and World War Two

Rationale: This course was last taught in 20089, there are no longer any Faculty members in the department available to teach the course.

Course #20 HIS441H5 Race and Gender in the Northern Colonies

Rationale: This course was last taught in 20039, there are no longer any Faculty members in the department available to teach the course.

Course #21 ITA242Y5 Classics of Italian Cinema of the Sixties and Seventies

Rationale: Course will be re-weighted as two H courses (ITA241H5 and ITA243H5).

Course #22 ITA243Y5 Classics of Italian Cinema of the Sixties and Seventies

Rationale: Course will be re-weighted as two H courses (ITA242H5 and ITA244H5).

Course #23 ITA246Y5 Contemporary Italian Cinema

Rationale: Course will be re-weighted as two H courses (ITA246H5 and ITA248H5).

Course #24 ITA247Y5 Contemporary Italian Cinema

Rationale: Course is re-weighted as two H courses. ITA247Y5 will become ITA245H5 and ITA247H5.

Course #25 ITA370H5 Power and Success in the Renaissance

Rationale: Course is re-weighted as a Y course and will also have a revised description.

Course #26 PHL224H5 Philosophy of Judaism

Rationale: This course was previously funded by the University of Toronto Centre for Jewish Studies. But due to lack of student interest and qualified Faculty to teach the course, CJS is longer interested in funding this course.

Course #27 PHL296H5 Special Topics in Philosophy

Rationale: This course was instituted last year to give instructors a chance to teach topics for which there is no specific course in the calendar. However, we learned that there is no effective way available at the moment to let students know the topic of the course (the Course Timetable Planner can only display the topic as a note). Consequently, the course had very little enrolment and we concluded that we cannot offer this course again

Course #28 RLG341H5 The Literature of the Early Christians

Rationale: This course was last taught in 20089. This course is essentially a combination of two religion courses which are still being taught in the department.

Course #29 VCC310H5 Audio Art In The Visual Field

Rationale: This course will no longer be taught by current faculty.

Course #30 VCC430H5 Performing Failure: Techniques of Mutism

Rationale: This course will no longer be taught by current faculty.

Course #31 VST100H5 Introduction to Visual Studies 1

Rationale: Long-term staffing problems for this team-taught course; too much overlap with field-specific introductory courses.

Renumbered Courses

Course #1 CIN101H5 An Introduction to Cinema Studies

Before: **CIN202H5**

After: **CIN101H5**

Rationale: Due to deletion of VST100, we are changing this introductory course to a 100-level designation

Course #2 CIN215H5 Bollywood in Context

Before: **CIN302H5**

After: **CIN215H5**

Rationale: There is a lack of CIN 200 level courses.

Course #3 FAH101H5 Introduction to Art History

Before: **FAH202H5**

After: **FAH101H5**

Rationale: Removal of foundation courses from Program required an update to course description.
Due to deletion of VST100, we are moving our introductory courses back to the 100-level

Course #4 VCC101H5 Introduction to Visual Culture

Before: **VCC201H5**

After: **VCC101H5**

Rationale: Due to deletion of VST100, we are moving this field-specific introductory course to the 100-level

Course #5 VCC236H5 North American Consumer Culture: 1890-Present

Before: **VCC336H5**

After: **VCC236H5**

Rationale: Updating course information
There is a lack of VCC 200 level courses.

Reweighted Courses

Course #1 HIS272H5 US History, 1877-present

Before: *HIS272Y5*

After: *HIS272H5*

Rationale: This was previously a year-long US history course, this is a proposal to break the course into two half-year sections, as it used to be taught. Now that we have two US historians at UTM again, we can cover the survey each year as part of our regular teaching. (The US history survey is almost invariably taught in 2 parts, and all curricular materials are organized this way, such as textbooks, etc). The course title has been changed from American to US to be more specific (other parts of the continent also lay claim to the term American) and to Colonial rather than 1607, in order to allow an instructor to cover not just English colonialism, but also French and Spanish, as well as settler colonialism.

Course #2 VST410H5 Internship in the Arts and Visual Studies

Before: *VST410Y5*

After: *VST410H5*

Rationale: In consultation with other Departments with internship programs, offering the course over one term offers greater flexibility for students and employers.

Courses - Description Changes

Course #1 FAH101H5 Introduction to Art History

Before: *This course may be taken concurrently with VST100H5 or VST101H5.*

After:

Rationale: Removal of foundation courses from Program required an update to course description.

Course #2 FAH101H5 Introduction to Art History

Before: (Formerly **FAH105H5**) An overview of western art from the ancient world through the 20th century, as well as an introduction to the discipline of art history and its methodologies. Emphasis on representative monuments and key approaches to interpretation. [24L, 12T]

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

Rationale: Removal of foundation courses from Program required an update to course description.

Course #3 FAS454H5 Professional Practice

Before: For Art History majors/specialists: 1.0 **course** in FAH at the 300/400 level, Permission of the Department.

After: For Art History majors/specialists: 1.0 **credit** in FAH at the 300/400 level, Permission of the Department.

Rationale:

Course #4 FRE280Y5 Advanced Language Practice II: Written and Oral

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

After: Improvement of the four language skills (writing, reading, listening and speaking) for students specializing in French studies at the university.

Rationale: Added hours of instruction.

Course #5 HIS271H5 US History, Colonial Era to 1877

Before: A survey of the main developments and themes of U.S. history from the colonial period to the **twentieth century**. [24L, 10T]

After: A survey of the main developments and themes of U.S. history from the colonial period to the **end of Reconstruction**. [24L, 10T]

Rationale: Currently there is a year-long US history course on the books. This is a proposal to break the course into two half-year sections, as it used to be taught. Now that we have two US historians at UTM again, we can cover the survey each year as part of our regular teaching. (The US history survey is almost invariably taught in 2 parts, and all curricular materials are organized this way, such as textbooks, etc). The course title has been changed from American to US to be more specific (other parts of the continent also lay claim to the term American) and to Colonial rather than 1607, in order to allow an instructor to cover not just English colonialism, but also French and Spanish, as well as settler colonialism.

Course #6 HIS272H5 US History, 1877-present

Before: ~~A comprehensive survey of American history, from the pre-contact period and colonial times to the present day. Weekly tutorials help students build analytical and writing skills as they survey four centuries of American development. [48L, 20T]~~

After: How did the US move from the Civil War to a world power? What have been the tensions between national ideals of liberty for all and US market expansion? Topics covered include: Jim Crow South; immigration and urbanization; Populism and the Progressivism; consumerism; many wars; post-45 social movements; Reaganism and after. [24L, 10T]

Rationale: This was previously a year-long US history course, this is a proposal to break the course into two half-year sections, as it used to be taught. Now that we have two US historians at UTM again, we can cover the survey each year as part of our regular teaching. (The US history survey is almost invariably taught in 2 parts, and all curricular materials are organized this way, such as textbooks, etc). The course title has been changed from American to US to be more specific (other parts of the continent also lay claim to the term American) and to Colonial rather than 1607, in order to allow an instructor to cover not just English colonialism, but also French and Spanish, as well as settler colonialism.

Course #7 HIS351H5 Twentieth-Century Russia

Before: The Social, economic, and political development of Twentieth-Century Russia: the Russian Revolution, Stalinism, the Cold War. [24L, 10T]

After: The Social, economic, and political development of Twentieth-Century Russia: the Russian Revolution, Stalinism, the Cold War. [24L]

Rationale: Updating exclusion list to include UTSG course. Removal of tutorials from the course.

Course #8 PHL274H5 Ethics and Society

Before: ~~Against~~ the background of ~~some~~ major ~~social~~ and political ~~theories, this course will explore such practical problems as nationalism, racism, sexism, inequality, revolution and political radicalism.~~ [36L]

After: The course explores ethical problems posed by social issues such as inequality, poverty, war, corporate responsibility, the treatment of animals, and social media, against the background of major ethical and political theories.

Rationale: PHL274H5 Contemporary Social and Political Philosophy replaced by PHL274H5 Ethics and Society. Current title and description is too narrow and does not correspond to what is actually taught in the course.

Course #9 PHL277Y5 Moral, Social and Political Philosophy Through Its History

Before: ~~A survey of the major moral and political theorists/theories of the Western philosophical tradition. Questions to be addressed include: Why be moral? Why obey the law? What is justice? What are rights? What is the best form of government?~~ [72L]

After: Classics in moral, social and political philosophy from Plato to the present. Likely readings include Plato on justice in the state and in the individual, Aristotle's ethics, Hume's moral psychology, Hobbes on the social contract, Kant on the fundamental principle of morality, Mill's utilitarianism, Locke on rights, Marx on Capitalism, Nietzsche on the origins of modern morality, and Rawls and Nozick on distributive justice.

Rationale: PHL277Y will now focus on a historical introduction to moral, social, political philosophy. Students can also take instead one or both of the semester long problem based introduced this year (PHL265H and PHL275H).

Course #10 RLG203H5 Introduction to Christianity

Before: ~~This course introduces the diverse history of the Christian religious tradition, from Jewish sect to global movement. How has the essence of Christianity been defined through the centuries? Why have various people from very different times and places, and from very different social strata, become, or remained, Christians? How have Christian beliefs and practices adapted to changing historical circumstances? How have various churches related to ruling powers? These are the main questions we will be focussing on throughout the term. In pursuing answers to these questions, the emphasis will be on how Christianity has both shaped and been shaped by various social and cultural environments.~~ [24L]

After: An introduction to the diverse history of Christianity, from its origins as a Jewish sect to its contemporary importance as a major global religion, with a focus on how Christianity has both shaped and been shaped by various social, geographical, and cultural environments over the past two millennia.[24L]

Rationale: New description is clearer and briefer than previous description and now on par with the clarity/brevity of course descriptions for other religion courses.

Course #11 RLG204H5 Introduction to Islam and Muslim Civilizations

Before: ~~The faith and practice of Islam: historical emergence, doctrinal development, and interaction with various world cultures.~~ [24L]

After: A thematic introduction to the diversity and rich traditions of Islam and Muslim Civilizations that explores many geographical areas, historical periods, schools of affiliation and interpretation, and cultural milieus. [24L]

Rationale:

The course as taught does not focus primarily on the faith and practice of Islam, these two areas only being particular components of the materials studied. The new title and description give students a better sense of what will be covered in the class, and help prevent the assumption on the part of some students that the course may focus on theology and doctrine. The new description also fits in better with the style of other course descriptions for religion courses.

Course #12 RLG323H5 Jesus of Nazareth

- Before:** Analytic and comparative study of the earliest accounts of ~~Jesus~~; the ~~"historical Jesus,"~~ ~~viewed~~ in the ~~light~~ of ~~Jewish Messianic expectations.~~ [24L]
- After:** Analytic and comparative study of the earliest accounts of the life of Jesus of Nazareth in the canonical and non-canonical Gospels with a supplementary focus on historical reconstructions of Jesus using broader textual, cultural, and archaeological data.[24L]
- Rationale:** Clean-up of Christianity core curriculum in religion necessitate designating this course as the historical Jesus course, one of the two biblically-focused Christianity courses. Other courses will focus on early (i.e., late ancient) Christianity, thus this course is inaptly titled and not fully described since it necessarily includes historical/archaeological studies not just textual studies.

Course #13 RLG324H5 Paul and Earliest Christianity

- Before:** ~~The~~ literary form of ~~Paul's letters~~, the ~~sources~~ of ~~his thought~~, and the ~~theological view that emerges.~~[24L]
- After:** An exploration of the literary form and theological content of Paul's letters in the New Testament, including analyses of the importance of Paul in the rise, spread, and development of what would become earliest Christianity. [24L]
- Rationale:** The revised title and description more accurately reflect the course content.

Course #14 RLG326H5 Early Christianity and Rabbinic Judaism

- Before:** ~~The course will address both historical and thematic issues. The main historical question to be considered is: How did 'orthodox' Christianity and 'orthodox' Judaism emerge in the five centuries after Jesus and the destruction of the Jewish temple? Answering this question will involve an examination of the diversity in both traditions, the formation of authoritative writings, and how a dominant group in each case came to power. Attention will be given both to how these two emerging orthodoxies responded to each other and to how they interacted with their social, political, and cultural context. Various themes relevant to the beliefs and practices of both traditions will also be considered.~~ [24L]
- After:** This course examines how Rabbinic Judaism and Christianity interacted in late antiquity. It explores the processes by which each community (in competition with the other and shaped by a wider social context) formed an identity for itself by establishing an orthodox set of beliefs, rituals, moral guidelines, and spiritual ideals.[24L]
- Rationale:** New description is clearer and briefer than previous description and now on par with the clarity/brevity of course descriptions for other religion courses.

Course #15 RLG346H5 Early Modern Christianity

- Before:** ~~The history, intellectual setting, social contexts and historical significance of the Reformation; special attention to works by Hus, Wycliffe, Luther, Zwingli, Bucer, Calvin and others. These will be studied with regard to diverse intellectual and social movements including scholasticism, humanism, communalism, anabaptism, puritanism and catholic reform.~~ [24L]
- After:** A study of the ways in which Protestant and Catholic Christians contributed to and reacted against the complex intellectual, political, and social changes in Europe from the sixteenth to the eighteenth century. [24L]
- Rationale:** Title/description updated as part of the general process of revising and cleaning-up the course offerings in the Christianity curriculum to more accurately reflect how the course has been (and will continue to be) taught.

Course #16 RLG349H5 Medieval Christianity

- Before:** ~~After the withdrawal of Roman administration from the western provinces in the 5th century, the legacy of Rome was preserved in Latin Christianity. The Roman Church encountered challenges and opportunities in its dealings with the warrior cultures of the Germanic tribes that had taken over the former imperial provinces. This course charts the initial stages of the solidification of papal authority in the West, through an expanding network of bishops, monasteries, and missions. It also considers why pagan rulers would have considered conversion an attractive option, and the sometimes strained church-state relations that ensued. The roots of the Catholic Church, and the foundations of the Christian world view of Europe, lie~~

~~in these processes.~~ [24L]

After: Spanning a millennium from the fall of Rome to the Protestant Reformation, this course explores the many ways in which the western branch of Christianity, based in Rome, shaped the religion, society, culture, and politics of emerging Europe. [24L]

Rationale: Title/description updated as part of the general process of revising and cleaning-up the course offerings in the Christianity curriculum to more accurately reflect how the course has been (and will continue to be) taught.

Course #17 RLG357H5 Contemporary Global Christianity

Before: ~~This course begins by examining the general factors that have led to the rise of Christianity in modern, non-Western contexts, and then adopts a narrower focus, looking in greater depth at one region in order to understand how Christianity has become important in the society, culture and politics of that particular part of the world.~~ [24L]

After: An exploration of the changing face of Christianity in the twentieth and twenty-first centuries focusing on such topics as: Christianity in the Global South; new religious movements within Christianity; and intra- / inter-religious debates and conflicts in contemporary Christianity. [24L]

Rationale: Title/description updated as part of the general process of revising and cleaning-up the course offerings in the Christianity curriculum to more accurately reflect how the course has been (and will continue to be) taught.

Course #18 VCC101H5 Introduction to Visual Culture

Before: (Formerly **FAH201H5/CCT201H5**) Introduces the ways in which we use and understand images across the realms of art, advertising, mass media, and science, with examples drawn from painting, photography, film, television, and new media. Presents a diverse range of recent approaches to visual analysis and key theories of visual culture. [24L, 12T]

After: (Formerly **CCT201H5/VCC201H5**) Introduces the ways in which we use and understand images across the realms of art, advertising, mass media, and science, with examples drawn from painting, photography, film, television, and new media. Presents a diverse range of recent approaches to visual analysis and key theories of visual culture. [24L, 12T]

Rationale:

Course #19 VCC236H5 North American Consumer Culture: 1890-Present

Before: **Previously HIS336H5**

After:

Rationale: Updating course information

Course #20 VST101H5 Introduction to Visual Studies

Before: This foundational course introduces students to the study of visual images and stresses the importance and development of skills involving looking, reading, and writing as they pertain to the study of the visual. Examples will be drawn from a variety of visual media and a number of different geographic regions and historical periods, and thereby will introduce students to the scope and range of visual **practices as well as to the expertise of the Department's faculty members.** The **second part of this two-part course sequence** introduces students to advanced concepts, keywords and core ideas in visual studies as well as historiography, critical theory, and the art of interpreting a work. The course also teaches students to write about works across visual media and **continues** to develop critical reading skills of both primary and secondary sources.

After: This foundational course introduces students to the study of visual images and stresses the importance and development of skills involving looking, reading, and writing as they pertain to the study of the visual. Examples will be drawn from a variety of visual media and a number of different geographic regions and historical periods, and thereby will introduce students to the scope and range of visual **practices.** The course introduces students to advanced concepts, keywords and core ideas in visual studies as well as historiography, critical theory, and the art of interpreting a work. The course also teaches students to write about works across visual media and to develop critical reading skills of both primary and secondary sources.

Rationale: Revised course description reflects deletion of VST100

Course #21 WGS215H5 Women, Politics and the State

Before:

This course ~~takes a comparative, historical and global approach to the ways that the notion of –women– is implicated in –state structures and the social basis of political systems. Exploring the changing norms assigned to personhood and citizenship, it analyzes how the state influences the identities of woman and gender relations.~~ [24L, 10T]

After: This course introduces students to women s position in Canada as political actors and provides gender-based analysis in relation to public policy in Canada. Students will study women s historical participation in and exclusion from public life and evaluate the impact of feminism and women s activism on Canadian public policies. Using intersectional framework, the course will also examine different ways in which public policies can be made more responsive to gender and diversity concerns as well as the role public policy can play in overcoming gender inequalities. We will investigate key historical changes in public policies affecting Canadian women in such areas as family, workplace, education, poverty-welfare, sexuality and reproductive laws, immigration and refugee laws, and global issues. The course concludes with women s achievements in this area. [24L, 10T]

Rationale: The new title and course description are a more accurate description of the course content and a better representation of the focus, the topics, themes and theories discussed in the course. Updating exclusion list to include UTSC course.

Course #22 utm110H5 utmONE: Building Global Justice

Before: This course focuses on themes of social justice, global change, and conflict through the lens of multiple **social science** disciplines. Through the exploration of concepts such as class, race, gender, and power on a global level, students will be involved in assignments and small group activities that develop and refine key skills **relevant to the social sciences.** [24L, 12T]

After: This course focuses on themes of social justice, global change, and conflict through the lens of multiple disciplines. Through the exploration of concepts such as class, race, gender, **religion, culture,** and power on a global level, students will be involved in assignments and small group activities that develop and refine key skills **that contribute to student success in university courses.** [24L, 12T]

Rationale: The description was altered slightly to adjust for a greater inclusion of humanities.

Course #23 utm110H5 utmONE: Building Global Justice

Before: ~~This course is only open to first-year students in the following streams: Social Sciences (including Anthropology BA, Environmental Management BA, and Geography BA); Communication, Culture, & Information Technology; Management/Business; and Commerce~~

After:

Rationale: The description was altered slightly to adjust for a greater inclusion of humanities.

Course #24 utm112H5 utmONE: Power and Danger of Expression

Before: ~~Studying classic and contemporary works of art, literature, history and/or philosophy, this~~ course asks big questions about what ~~art~~ is, how it influences society, and what role it plays in people's lives. Students will ~~be involved in~~ assignments and small group activities that develop and refine key skills relevant to the ~~humanities.~~ [24L, 12T]

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

Rationale: The description was altered slightly to adjust for the broadening of topics that can be explored through this course.

Course #25 utm112H5 utmONE: Power and Danger of Expression

Before: ~~This course is only open to first-year students in the following streams: Humanities (including Languages, History, Philosophy, and Women and Gender Studies); Visual Studies; Theatre and Drama; and Concurrent Teacher Education Program~~

After:

Rationale: The description was altered slightly to adjust for the broadening of topics that can be explored through this course.

Changes in Course Name

Course #1 FAH274H5 Renaissance Art and Architecture

Before: Renaissance Art & Architecture
After: Renaissance Art *and* Architecture
Rationale: Uniforming course title - removing of ampersand

Course #2 FAH329H5 Early Christian Art and Architecture

Before: Early Christian Art & Architecture
After: Early Christian Art *and* Architecture
Rationale: Uniforming course title - removing of ampersand

Course #3 FAH379H5 Science and Art in the Modern Period

Before: Science & Art in the Modern Period
After: Science *and* Art in the Modern Period
Rationale: Uniforming course title - removing of ampersand

Course #4 FAH434H5 Art and Architecture of Medieval Rome

Before: Art & Architecture of Medieval Rome
After: Art *and* Architecture of Medieval Rome
Rationale: Uniforming course title - removing of ampersand

Course #5 FAH457H5 Exile and Expatriation in Modern Art

Before: Exile & Expatriation in Modern Art
After: Exile *and* Expatriation in Modern Art
Rationale: Uniforming course title - removing of ampersand

Course #6 HIS271H5 US History, Colonial Era to 1877

Before: *Introduction to American* History, 1607-2000
After: *US* History, *Colonial Era to 1877*
Rationale: Currently there is a year-long US history course on the books. This is a proposal to break the course into two half-year sections, as it used to be taught. Now that we have two US historians at UTM again, we can cover the survey each year as part of our regular teaching. (The US history survey is almost invariably taught in 2 parts, and all curricular materials are organized this way, such as textbooks, etc). The course title has been changed from American to US to be more specific (other parts of the continent also lay claim to the term American) and to Colonial rather than 1607, in order to allow an instructor to cover not just English colonialism, but also French and Spanish, as well as settler colonialism.

Course #7 HIS272H5 US History, 1877-present

Before: *American* History, 1607-2000
After: *US* History, *1877-present*
Rationale: This was previously a year-long US history course, this is a proposal to break the course into two half-year sections, as it used to be taught. Now that we have two US historians at UTM again, we can cover the survey each year as part of our regular teaching. (The US history survey is almost invariably taught in 2 parts, and all curricular materials are organized this way, such as textbooks, etc). The course title has been changed from American to US to be more specific (other

parts of the continent also lay claim to the term American) and to Colonial rather than 1607, in order to allow an instructor to cover not just English colonialism, but also French and Spanish, as well as settler colonialism.

Course #8 PHL274H5 Ethics and Society

Before: *Contemporary Social Issues*

After: *Ethics and Society*

Rationale: PHL274H5 Contemporary Social and Political Philosophy is replaced by PHL274H5 Ethics and Society. Current title and description is too narrow and does not correspond to what is actually taught in the course.

Course #9 PHL277Y5 Moral, Social and Political Philosophy Through Its History

Before: Moral, *Social*, and Political Philosophy

After: Moral, *Social* and Political Philosophy *Through Its History*

Rationale:

Course #10 RLG204H5 Introduction to Islam and Muslim Civilizations

Before: Introduction to Islam

After: Introduction to Islam *and Muslim Civilizations*

Rationale: The course as taught does not focus primarily on the faith and practice of Islam, these two areas only being particular components of the materials studied. The new title and description give students a better sense of what will be covered in the class, and help prevent the assumption on the part of some students that the course may focus on theology and doctrine. The new description also fits in better with the style of other course descriptions for religion courses.

Course #11 RLG323H5 Jesus of Nazareth

Before: Jesus *in the Early Christian Writings*

After: Jesus *of Nazareth*

Rationale: Clean-up of Christianity core curriculum in religion necessitate designating this course as the historical Jesus course, one of the two biblically-focused Christianity courses. Other courses will focus on early (i.e., late ancient) Christianity, thus this course is inaptly titled and not fully described since it necessarily includes historical/archaeological studies not just textual studies.

Course #12 RLG324H5 Paul and Earliest Christianity

Before: *The Writings of* Paul

After: Paul *and Earliest Christianity*

Rationale: The revised title and description more accurately reflect the course content.

Course #13 RLG346H5 Early Modern Christianity

Before: *The Age of Religious Conflict: Catholics and Protestants in Historical Perspective*

After: *Early Modern Christianity*

Rationale: Title/description updated as part of the general process of revising and cleaning-up the course offerings in the Christianity curriculum to more accurately reflect how the course has been (and will continue to be) taught.

Course #14 RLG349H5 Medieval Christianity

Before: *Foundations of Christian Europe (400-1000 C.E.)*

After: *Medieval Christianity*

Rationale: Title/description updated as part of the general process of revising and cleaning-up the course offerings in the Christianity curriculum to more accurately reflect how the course has been (and will continue to be) taught.

Course #15 RLG357H5 Contemporary Global Christianity

Before: Christianity *in the Developing World*

After: *Contemporary Global* Christianity

Rationale: Title/description updated as part of the general process of revising and cleaning-up the course offerings in the Christianity curriculum to more accurately reflect how the course has been (and will continue to be) taught.

Course #16 VST101H5 Introduction to Visual Studies

Before: Introduction to Visual Studies **2**

After: Introduction to Visual Studies

Rationale:

Course #17 utm112H5 utmONE: Power and Danger of Expression

Before: utmONE: Power and Danger of *Art*

After: utmONE: Power and Danger of *Expression*

Rationale: This name change broadens the pool of topics from which this course can draw from.

Courses - Other Changes

Course #1 ARA211Y5 Introductory Arabic for Students with Prior Background

Before: Course Exclusion: **ARA212Y5. Native** speakers.
After: Course Exclusion: **ARA212Y5, LGGB45H3, native** speakers.
Rationale: Inclusion of UTSC course exclusions.

Course #2 ARA212Y5 Introductory Arabic

Before: Course Exclusion: ARA210H5, ARA211H5, ARA211Y5, NMC210Y1/NML210Y1 or higher, native speakers.
After: Course Exclusion: ARA210H5, ARA211H5, ARA211Y5, **LGGA40H3, LGGA41H3**, NMC210Y1/NML210Y1 or higher, native speakers.
Rationale: Inclusion of UTSC course exclusions.

Course #3 ARA312Y5 Intermediate Arabic

Before: Course Exclusion: Native **users/NMC310Y1/NML310Y1**
After: Course Exclusion: Native **users/NMC310Y1/NML310Y1/LGGC42H3, LGGC43H3**
Rationale: Inclusion of UTSC course exclusions.

Course #4 CCT451H5 Advanced Audio Production (SH)

Before: Recommended Preparation: **CCT343H5**
After: Recommended Preparation:
Rationale: Removed CCT343 as recommended preparation. This course no longer exists.

Course #5 CHI100Y5 Modern Standard Chinese I

Before: Course Exclusion: CHI101Y5/EAS100Y1/EAS101Y1 or **higher**
After: Course Exclusion: CHI101Y5/EAS100Y1/EAS101Y1 or **higher, LGGA60H3, LGGA61H3.**
Rationale: Inclusion of UTSC course exclusions.

Course #6 CHI200Y5 Modern Standard Chinese II

Before: Course Exclusion: **EAS200Y1**
After: Course Exclusion: **EAS200Y1, LGGB60H3, LGG61H3.**
Rationale: Inclusion of UTSC course exclusions.

Course #7 CHI301Y5 Advanced Chinese

Before: Course Exclusion: EAS300Y1, **290Y1.**
After: Course Exclusion: EAS300Y1, **290Y1, LGGC60H3, LGGC61H3.**
Rationale: Inclusion of UTSC course exclusions.

Course #8 CIN101H5 An Introduction to Cinema Studies

Before: Course Exclusion: INI115Y1, NEW115Y1, VIC115Y1, ERI201H5, ERI202H5, **CIN205Y5 Recommended**
Preparation: **VST100H5, VST101H5**

After: Course Exclusion: INI115Y1, NEW115Y1, VIC115Y1, ERI201H5, ERI202H5, **CIN202H5, CIN205Y5, CIN105H1, ENGB70**
Recommended Preparation:

Rationale: Due to the deletion of foundation courses, we are moving this introductory course to a 100 level designation.

Course #9 CIN203H5 The Films of Alfred Hitchcock

Before: Recommended Preparation: **VST100H5, VST101H5, CIN202H5**

After: Recommended Preparation: **CIN101H5/CIN202H5/CIN205Y5**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #10 CIN207H5 The Moving Image: History and Concepts

Before: Recommended Preparation: **VST100H5, VST101H5, ERI201H5/ ERI202H5/CIN205Y5/CIN202H5.**

After: Recommended Preparation: **CIN101H5/CIN202H5/CIN205Y5**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #11 CIN215H5 Bollywood in Context

Before: Course Exclusion: VCC390H5 - Topic: **Bollywood Recommended** Preparation: **VST100H5, VST101H5, ERI201H5/ERI202H5/CIN205Y5/CIN202H5** or **VCC201H5**

After: Course Exclusion: VCC390H5 - Topic: **Bollywood, CIN302H5 Recommended** Preparation: **CIN101H5/CIN202H5/CIN205Y5** or **VCC101H5/VCC201H5**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #12 CIN301H5 Topics in Cinema Studies

Before: Recommended Preparation: **VST100H5, VST101H5, ERI201H5/ ERI202H5/CIN205Y5/CIN202H5** or at least 1.0 credit in courses that count toward the Cinema Studies minor.

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

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #13 CIN303H5 Global Auteurs

Before: Recommended Preparation: **VST100H5, VST101H5, ERI201H5/ERI202H5/CIN205Y5/CIN202H5** or **VCC201H5.**

After: Recommended Preparation: **CIN101H5/CIN202H5/CIN205Y5** or **VCC101H5/VCC201H5**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #14 CIN304H5 The Violent Image

Before: Recommended Preparation: **VST100H5, VST101H5, ERI201H5/ ERI202H5/CIN205Y5/CIN202H5** or at least 1.0 credit in courses that count toward the Cinema Studies minor.

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

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #15 CIN306H5 The Comedic Image

Before: Recommended Preparation: **VST100H5, VST101H5, ERI201H5/ ERI202H5/CIN205Y5/CIN202H5** or at least 1.0 credit in courses that count toward the Cinema Studies minor.

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

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #16 CIN307H5 Movement

Before: Recommended Preparation: **VST100H5, VST101H5, ERI201H5/ERI202H5/CIN205Y5/CIN202H5** or **VCC201H5**.

After: Recommended Preparation: **CIN101H5/CIN202H5/CIN205Y5** or **VCC101H5/VCC201H5**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #17 CIN401H5 Topics in Cinema Studies

Before: Prerequisite: **ERI201H5/ ERI202H5/CIN205Y5/CIN202H5** or at least 1.0 credit in courses that count toward the Cinema Studies minor. and 1.0 credit at the 300-level in CIN or P.I.

After: Prerequisite: **CIN101H5/CIN202H5/CIN205Y5** or at least 1.0 credit in courses that count toward the Cinema Studies minor. and 1.0 credit at the 300-level in CIN or P.I.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #18 CIN402H5 Avant-Garde Film and Video

Before: Prerequisite: **VST100H5, VST101H5, CIN202H5**

After: Prerequisite: **CIN101H5/CIN202H5/CIN205Y5**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #19 CLA101H5 Introduction to Classical Civilization

Before: Course Exclusion: CLA160H1, **CLA160Y1, CLA160Y5**

After: Course Exclusion: CLA160H1, **CLAA04H3**

Rationale: Updating exclusion list to include UTSG and UTSC courses.

Course #20 CLA204H5 Introduction to Classical Mythology

Before: Course Exclusion: CLA204H1, **CLA105H5, 205Y5**

After: Course Exclusion: CLA204H1, **CLAB05H3**

Rationale: Updating exclusion list to include UTSG and UTSC courses.

Course #21 CLA230H5 Introduction to Greek History

Before: Course Exclusion: **CLA230H1** *Recommended* Preparation: **CLA101H5/ HIS101H5**

After: Course Exclusion: **CLA230H1, CLAB05H3** *Recommended* Preparation: **CLA101H5**

Rationale:

Updating exclusion list to include UTSG and UTSC courses. To remove the HIS101H5 course as recommended preparation as it is no longer a program requirement.

Course #22 CLA231H5 Introduction to Roman History

Before: Course Exclusion: **CLA231H1 Recommended** Preparation: **CLA101H5/ HIS101H5**

After: Course Exclusion: **CLA231H1, CLAB06H3 Recommended** Preparation: **CLA101H5**

Rationale: Updating exclusion list to include UTSG and UTSC courses. To remove the HIS101H5 course as recommended preparation as it is no longer a program requirement.

Course #23 CLA233H5 Introduction to Roman Culture & Society

Before: Course Exclusion: **CLA233H1 Recommended** Preparation: **CLA101H5/HIS101H5**

After: Course Exclusion: **CLA233H1, CLAB06H3 Recommended** Preparation: **CLA101H5**

Rationale: Updating exclusion list to include UTSG and UTSC courses. To remove the HIS101H5 course as recommended preparation as it is no longer a program requirement.

Course #24 CLA237H5 Introduction to Greek Culture & Society

Before: Course Exclusion: **CLA232H1 Recommended** Preparation: **CLA101H5/ 204H5/ HIS101H5**

After: Course Exclusion: **CLA232H1, CLAB05H3 Recommended** Preparation: **CLA101H5/ 204H5**

Rationale: Updating exclusion list to include UTSG and UTSC courses. To remove the HIS101H5 course as recommended preparation as the HIS101H5 course is no longer a program requirement.

Course #25 CLA300H5 Greek Tragedy and Comedy

Before: Course Exclusion: **CLA382H1, CLA300Y5**

After: Course Exclusion: **CLA382H1, CLA383H1, CLAC01H3**

Rationale: Updating exclusion list to include UTSG and UTSC courses.

Course #26 CLA301H5 Greek Epic

Before: Course Exclusion: **CLA236H1**

After: Course Exclusion: **CLA236H1, CLAC11H3**

Rationale: Updating exclusion list to include UTSG and UTSC courses.

Course #27 CLA302H5 Roman Epic

Before: Course Exclusion: **CLA236H1**

After: Course Exclusion: **CLA236H1, CLAC11H3**

Rationale: Updating exclusion list to include UTSG and UTSC courses.

Course #28 CLA303H5 The Ancient Novel

Before: Course Exclusion: **CLA202H5**

After: Course Exclusion: **CLA303H1, CLAC12H3**

Rationale: Updating exclusion list to include UTSG and UTSC courses.

Course #29 CLA308H5 Religion in the Ancient Greek World**Before:** Course Exclusion:**After:** Course Exclusion: **CLA308H1****Rationale:** Updating exclusion list to include UTSG a course.

Course #30 CLA310H5 Religion in the Roman Empire**Before:** Course Exclusion: **CLA361Y1****After:** Course Exclusion: **CLA310H1****Rationale:** Updating exclusion list to include UTSG course.

Course #31 CLA348H5 Egypt in the Graeco-Roman World**Before:** Course Exclusion:**After:** Course Exclusion: **CLAC05H3****Rationale:** Updating exclusion list to include UTSC course.

Course #32 DTS202H5 Introduction to Diaspora and Transnational Studies II**Before:** Prerequisite: **DTS201H5****After:** Prerequisite:**Rationale:** The DTS201 and DTS202 are are taught as different themes and can be taken independently.

Course #33 ENG305H5 Swift, Pope, and their Contemporaries**Before:** Prerequisite: **Course** Exclusion:**After:** Prerequisite: **1.0 credit in ENG and 3.0 additional credits**
Course Exclusion: **ENG306Y5****Rationale:** Significant overlap between this course and the year-long survey course ENG306Y. Instructor suggested adding an exclusion. Course also does not currently have the prerequisite our other 300-level courses have, an oversight which this change corrects.

Course #34 ENG306Y5 Poetry and Prose 1660-1800**Before:** Course Exclusion:**After:** Course Exclusion: **ENG305H****Rationale:** Significant overlap between this course and the half-course ENG305H. Instructor suggested adding an exclusion.

Course #35 FAH101H5 Introduction to Art History**Before:** Course Exclusion: **FAH100Y1**, FAH101H1, FAH102H1, **FAH105H5 Recommended** Preparation:
VST100H5, VST101H5**After:** Course Exclusion: FAH101H1, FAH102H1, **FAH105H5, FAH202H5, VPHA46**
Recommended Preparation:**Rationale:** Removal of foundation courses from Program required an update to course description.
Updating exclusions.

Course #36 FAH267H5 Art of the Medieval Mediterranean

Before: Course Exclusion: **FAH102Y5, 261H1, 262H1** (before 2005-6), **263H1**, FAH215H1, **FAH216H1**
Recommended Preparation: **VST100H5, VST101H5, FAH105H5/FAH202H5**

After: Course Exclusion: **FAH261H1, FAH262H1** (before 2005-6), **FAH263H1**, FAH215H1, **FAH216H1, VPHB53**
Recommended Preparation: **FAH101H5/FAH105H5/FAH202H5**

Rationale: Revised prerequisites reflects changes to our intro. courses. Exclusions were updated.

Course #37 FAH271H5 Art of the Medieval North

Before: Course Exclusion: **FAH102Y5, 261H1, 262H1** (before 2005-6), **263H1**, FAH215H1, **FAH216H1**
Recommended Preparation: **VST100H5, VST101H5, FAH105H5/FAH202H5, FAH267H5**

After: Course Exclusion: **FAH261H1, FAH262H1** (before 2005-6), FAH215H1, **FAH216H1, VPHB53**
Recommended Preparation: **FAH101H5/FAH105H5/FAH202H5**

Rationale: Revised prerequisites reflects changes to our intro. courses. Exclusions were updated.

Course #38 FAH274H5 Renaissance Art and Architecture

Before: Course Exclusion: **FAH200Y5, FAH230H1** **Recommended** Preparation: **VST100H5, VST101H5, FAH105H5/FAH202H5**

After: Course Exclusion: **FAH230H1, VPHB53**
Recommended Preparation: **FAH101H5/FAH105H5/FAH202H5**

Rationale: Revised prerequisites reflects changes to our intro. courses. Exclusions were updated.

Course #39 FAH279H5 Baroque Art and Architecture

Before: Course Exclusion: **FAH200Y5, FAH231H1** **Recommended** Preparation: **VST100H5, VST101H5, FAH105H5/FAH202H5, FAH274H5.**

After: Course Exclusion: **FAH231H1, VPHB64**
Recommended Preparation: **FAH101H5/FAH105H5/FAH202H5**

Rationale: Revised prerequisites reflects changes to our intro. courses. Exclusions were updated.

Course #40 FAH285H5 Art and Religion

Before: Recommended Preparation: **VST100H5, VST101H5, FAH105H5/FAH202H5**

After: Recommended Preparation: **FAH101H5/FAH105H5/FAH202H5**

Rationale: Revisions to prerequisites reflects changes to our Intro. courses.

Course #41 FAH287H5 European Art of the Nineteenth Century

Before: Course Exclusion: **FAH210Y5**, FAH208H1, FAH282H1, FAH245H1 **Recommended** Preparation: **VST100H5, VST101H5, FAH105H5/FAH202H5**

After: Course Exclusion: FAH208H1, FAH282H1, FAH245H1
Recommended Preparation: **FAH101H5/FAH105H5/FAH202H5**

Rationale: Revisions to prerequisites reflects changes to our Intro. courses. Exclusions were updated.

Course #42 FAH288H5 Art of the Earlier 20th Century

Before:

Course Exclusion: **FAH210Y5, FAH209H1, FAH246H1 Recommended** Preparation: **VST100H5, VST101H5, FAH105H5/FAH202H5, FAH287H5**
After: Course Exclusion: **FAH246H1, VPHB58 Recommended** Preparation: **FAH101H5/FAH105H5/FAH202H5**
Rationale: Revisions to prerequisites reflects changes to our Intro. courses. Exclusions were updated.

Course #43 FAH289H5 Art Since 1945

Before: Course Exclusion: **FAH246H1 Recommended** Preparation: **VST100H5, VST101H5, FAH105H5/FAH202H5, FAH288H5; (VCC201H5/equivalent)**
After: Course Exclusion: **FAH246H1, VPHB58 Recommended** Preparation: **FAH101H5/FAH105H5/FAH202H5 and FAH288H5**
Rationale: Revisions to prerequisites reflects changes to our Intro. courses. Exclusions were updated.

Course #44 FAH291H5 History of Photography

Before: Prerequisite: **VST100H5, VST101H5 or VCC201H5/CCT201H5/FAH201H5 Course Exclusion: Recommended** Preparation:
After: Prerequisite: **Course Exclusion: FAH252H5 Recommended** Preparation: **FAH101H5/FAH105H5/FAH202H5, VCC101H5/VCC201H5**
Rationale: Revisions to prerequisites reflects changes to our intro. courses. Exclusions were updated.

Course #45 FAH301H5 History and Practices of Visual Resource Collecting

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and **VCC201** and 1.0 credits in FAH/VCC @200 level or P.I.
After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and **VCC101H5/VCC201H5** and 1.0 credits in FAH/VCC **at the** 200 level or P.I.
Rationale: Revisions to prerequisites reflects changes to our Intro. courses.

Course #46 FAH310H5 Introduction to Curatorial Practice

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and **VCC201H5, FAH289H5** and 0.5 additional credit in FAH/VCC **Course Exclusion:**
After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and **VCC101H5/VCC201H5, FAH289H5** and 0.5 additional credit in FAH/VCC **Course Exclusion: VPSB73, VIS320H1**
Rationale: Revisions to prerequisites reflects changes to our intro. courses. Exclusions were updated

Course #47 FAH322H5 Romanesque Sculpture

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5, FAH102Y5/FAH267H5/FAH271H5**
After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5, FAH267H5/FAH271H5**
Rationale: Revised prerequisites reflect changes to our intro. courses.

Course #48 FAH329H5 Early Christian Art and Architecture

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5, FAH204H5,** FAH267H5
Recommended Preparation: **FAH105H5**

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5 and** FAH267H5
Recommended Preparation:

Rationale: Revisions to prerequisites reflects changes to our Intro. courses.

Course #49 FAH332H5 Studies in Baroque Painting

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and
FAH200Y5/FAH274H5/FAH279H5

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and **FAH274H5/FAH279H5**

Rationale: Revisions to prerequisites reflects changes to our Intro. courses.

Course #50 FAH337H5 Court Art and Patronage in the Middle Ages

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and
FAH102Y5/FAH271H5/FAH267H5 Course Exclusion: **FAH319H5;** FAH327H1

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and **FAH271H5/FAH267H5**
Course Exclusion: **FAH316H1;** FAH327H1

Rationale: Revisions to prerequisites reflects changes to our Intro. courses. Exclusions were updated.

Course #51 FAH343H5 Pilgrimage

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and
FAH102Y5/FAH267H5

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and **FAH267H5**

Rationale: Revisions to prerequisites reflects changes to our Intro. courses.

Course #52 FAH351H5 Gothic Architecture

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and FAH267H5/FAH271H5
Course Exclusion: **FAH268H5,** FAH328H1, **FAH369H1,**

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and FAH267H5/FAH271H5
Course Exclusion: FAH328H1, **VPHC42**

Rationale: Revisions to prerequisites reflects changes to our Intro. courses. Exclusions were updated.

Course #53 FAH353H5 Rome in the Age of Bernini

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and
FAH200Y5/FAH279H5/FAH274H5

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and **FAH279H5/FAH274H5**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #54 FAH356H5 Colonial Latin American Art and Architecture

Before: Prerequisite: **VST100H5, VST101H5, FAH202H5** or P.I.

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** or P.I.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #55 FAH360H5 Art and Visual Culture of the Eighteenth Century

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5**, and at least 1.5 credits in FAH at the 200-level

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and at least 1.5 credits in FAH at the 200-level

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #56 FAH379H5 Science and Art in the Modern Period

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5**, VCC201H5 and **FAH287H5/FAH288H5**, or P.I.

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5**, VCC201H5 and **FAH287H5/FAH288H5** or P.I.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #57 FAH380H5 New Genres in Contemporary Art

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and FAH288H5/FAH289H5

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and FAH288H5/FAH289H5

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #58 FAH385H5 Contemporary South Asian Art

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and VCC201H5, FAH288H5/FAH289H5 or P.I.

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and VCC201H5, FAH288H5/FAH289H5 or P.I.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #59 FAH388H5 Theory in Art History

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and at least 1.0 credits in FAH/VCC.

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and at least 1.0 credits in FAH/VCC.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #60 FAH392H5 Topics in Modern Art/Architecture

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and FAH287/FAH288H5/FAH289H5 or P.I.

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and FAH287/FAH288H5/FAH289H5 or P.I.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #61 FAH393H5 Topics in Ancient Greco-Roman Art

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and **FAH203H5/FAH204H5** or P.I.

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and **FAH203H5/FAH204H5/FAH205H5** or P.I.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #62 FAH423H5 Advanced Studies in the Art of the Medieval Mediterranean

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5**, FAH267H5 and at least 1.0 credit in FAH/VCC at the 300/400 level.

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5**, FAH267H5 and at least 1.0 credit in FAH/VCC at the 300/400 level.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #63 FAH434H5 Art and Architecture of Medieval Rome

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5**, FAH267H5/FAH271H5/FAH204H5 and 0.5 at the 300/400 level in Medieval or P.I.

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5**, FAH267H5/FAH271H5/FAH204H5 and 0.5 at the 300/400 level in Medieval **Art** or P.I.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #64 FAH435H5 Women and Art in the Middle Ages

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and **FAH102Y5/FAH267H5/FAH271H5** and at least 0.5 FAH at 300/400 level.

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and **FAH267H5/FAH271H5** and at least 0.5 FAH at **the** 300/400 level.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #65 FAH441H5 Reformation and Counter-Reformation Art

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and **FAH200Y5/FAH274H5/FAH279H5** and 0.5 300/400 level course in Renaissance or Baroque Art or P.I.

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and **FAH274H5/FAH279H5** and 0.5 300/400 level course in Renaissance or Baroque Art or P.I.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #66 FAH449H5 Renaissance Narrative Painting

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and **FAH200Y5/FAH274H5** and 0.5 credit in FAH at the 300/400 level or P.I. **Recommended** Preparation: **FAH102Y5/FAH267H5/FAH271H5**

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and **FAH274H5** and 0.5 credit in FAH at the 300/400 level or P.I. **Recommended** Preparation: **FAH267H5/FAH271H5**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #67 FAH451H5 Curatorial Practice

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5**, FAH310H5 **Course**
Exclusion: **FAH480H1/FAH454H1**

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and FAH310H5
Course Exclusion: **FAH480H, VIS320H5**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #68 FAH453H5 The Archive and the Formless

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and FAH288H5/FAH289H5 and at least 1.0 in FAH/VCC at the 300-400 level, or P.I.

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and FAH288H5/FAH289H5 and at least 1.0 in FAH/VCC at the 300-400 level, or P.I.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #69 FAH454H5 Contemporary Jewish Art

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and FAH288H5, FAH289H5, and at least 1.0 credit in FAH or VCC at the 300/400 level.

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and FAH288H5, FAH289H5, and at least 1.0 credit in FAH or VCC at the 300/400 level.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #70 FAH457H5 Exile and Expatriation in Modern Art

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and FAH287H5/FAH288H5 and a minimum of 0.5 in FAH/VCC at the 300 level, or P.I.

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and FAH287H5/FAH288H5 and a minimum of 0.5 in FAH/VCC at the 300 level, or P.I.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #71 FAH460H5 Art and Animation

Before: Recommended Preparation: **VST100H5, VST101H5 or FAH105H5/FAH202H5**, FAH287H5/FAH288H5

After: Recommended Preparation: **FAH101H5/FAH105H5/FAH202H5**, FAH287H5/FAH288H5

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #72 FAH465H5 Icon, Artwork, Fetish

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5** and FAH288H5/FAH289H5 and 1.0 credit in FAH or VCC at the 300/400 level or P.I.

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** and FAH288H5/FAH289H5 and 1.0 credit in FAH or VCC at the 300/400 level or P.I.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #73 FAH470H5 The History of Art History

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5, VCC201H5**, 1.5 in FAH @200-level and at least 1.0 in FAH/VCC at the 300 level or P.I. **Recommended** Preparation: **FAH 388**

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5**, 1.5 in FAH **at the** 200-level and at least 1.0 in FAH/VCC at the 300 level or P.I.

Recommended Preparation: **FAH388H5**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #74 FAH490H5 Topics in Ancient Art and Architecture

Before:

Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5, FAH203H5/FAH204H5** and 1.0 in **FAH or VCC** at the 300/400 level

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5, FAH203H5/FAH204H5/FAH205H5** and 1.0 in **FAH/VCC** at the 300/400 level

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #75 FAH491H5 Topics in Medieval Art and Architecture

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5, FAH267H5/FAH271H5** and 1.0 in **FAH or VCC** at the 300/400 level

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** , FAH267H5/FAH271H5 and 1.0 in **FAH/VCC** at the 300/400 level

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #76 FAH492H5 Topics in Modern/Art/Architecture

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5, FAH287H5/FAH288H5** and at least 1.0 in FAH/VCC at the 300/400 level, or P.I.

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5, FAH287H5/FAH288H5** and at least 1.0 in FAH/VCC at the 300/400 level, or P.I.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #77 FAH493H5 Topics in Early Modern Art and Architecture

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5, FAH274H5/FAH279H5** and 1.0 in **FAH or VCC** at the 300/400 level

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5** , FAH274H5/FAH279H5 and 1.0 in **FAH/VCC** at the 300/400 level

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #78 FAH494H5 Topics in Contemporary Art and Theory

Before: Prerequisite: **VST100H5, VST101H5 or FAH105H5/FAH202H5, FAH288H5/FAH289H5** and 1.0 in FAH or VCC at the 300/400 level

After: Prerequisite: **FAH101H5/FAH105H5/FAH202H5, FAH288H5/FAH289H5** and 1.0 in FAH or VCC at the 300/400 level

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #79 FAS143H5 Drawing I

Before: Course Exclusion: **VIS130H1, 211H1**

After: Course Exclusion: **VIS204H1, VPSA70**

Rationale: Exclusions were updated.

Course #80 FAS145H5 Painting I

Before: Course Exclusion: FAS230Y1; VIS201H1, **301H1**

After: Course Exclusion: FAS230Y1; VIS201H1, **VPSA61**

Rationale: Exclusions were updated.

Course #81 FAS147H5 Photography I

Before: Course Exclusion: VIS217H1, **218H1**
After: Course Exclusion: VIS217H1, **VIS218H, VPSB67**
Rationale: Exclusions were updated.

Course #82 FAS234H5 Print Media II

Before: Course Exclusion: **VIS203H1, 303H1, 309H1**
After: Course Exclusion: **VIS206H1, VIS207H1, VIS309H1**
Rationale: Exclusions were updated.

Course #83 FAS243H5 Drawing II

Before: Course Exclusion: VIS205H1, **211H1, 305H1**
After: Course Exclusion: VIS205H1, **VIS211H1, 305H1, VPSB74**
Rationale: Exclusions were updated.

Course #84 FAS245H5 Painting II

Before: Course Exclusion: FAS230Y1, VIS201H1, **301H1**
After: Course Exclusion: FAS230Y1, VIS201H1, **VIS301H1, VPSB62**
Rationale: Exclusions were updated.

Course #85 FAS247H5 Photography II

Before: Course Exclusion: **VIS318H1**
After: Course Exclusion: **VIS318H1, VPSB75**
Rationale: Exclusions were updated.

Course #86 FAS248H5 Sculpture I

Before: Course Exclusion: VIS204H1, **306H1**
After: Course Exclusion: VIS204H1, **VIS306H1, VPSA71**
Rationale: Exclusions were updated.

Course #87 FAS330Y5 Experimentation in Past and Present Techniques

Before: Prerequisite: Any FAS200 level course or any FAH100 level course and P.I.
After: Prerequisite: Any FAS200 level course or any FAH100 level course and **1.5 credits in FAH/VCC and P.I.**
Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority.

Course #88 FAS334Y5 Print Media III

Before: Prerequisite: **FAS234H5/P.I.**
After: Prerequisite: **FAS234H5, 1.5 credits in FAH/VCC and P.I.**
Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority.

Course #89 FAS343Y5 Drawing III

Before: Prerequisite: *FAS243H5/P.I. Course* Exclusion: *VIS305H1*
After: Prerequisite: *FAS243H5, 1.5 credits in FAH/VCC and P.I. Course* Exclusion: *VIS305H1, VPSC55*
Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority. Exclusions were updated.

Course #90 FAS345Y5 Painting III

Before: Prerequisite: *FAS245H5/P.I. Course* Exclusion: *VIS305H1*
After: Prerequisite: *FAS245H5, 1.5 credits in FAH/VCC and P.I. Course* Exclusion: *VIS305H1, VPSC54*
Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority. Exclusions were updated.

Course #91 FAS346Y5 Design III

Before: Prerequisite: *FAS246H5/P.I.*
After: Prerequisite: *FAS246H5, 1.5 credits in FAH/VCC and P.I.*
Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority.

Course #92 FAS347Y5 Photography III

Before: Prerequisite: *FAS247H5/P.I.*
After: Prerequisite: *FAS247H, 1.5 credits in FAH/VCC and P.I.*
Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority.

Course #93 FAS348Y5 Continuing Investigations in Sculpture

Before: Prerequisite: *FAS248H5/P.I. Course* Exclusion: *VIS306H1*
After: Prerequisite: *FAS248H5, 1.5 credits in FAH/VCC and P.I. Course* Exclusion: *VIS306H, VPSB63*
Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority. Exclusions were updated.

Course #94 FAS349Y5 Video, Sound and Performance

Before: Prerequisite: Any two second-year FAS courses, one of which can be CCT353H5 or *CCT357H5.*
After: Prerequisite: Any two second-year FAS courses, one of which can be CCT353H5 or *CCT357H5 and 1.5 credits in FAH/VCC and P.I.*
Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority.

Course #95 FAS434Y5 Individual Investigations in Print Media

Before: Prerequisite: *FAS334Y5* and P.I.
After: Prerequisite: *FAS334Y5, 1.5 credits in FAH/VCC* and P.I.

Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority.

Course #96 FAS443Y5 Individual Investigations in Drawing

Before: Prerequisite: FAS343Y5 or **FAS349Y5** and P.I.

After: Prerequisite: FAS343Y5 or **FAS349Y5, 1.5 credits in FAH/VCC** and P.I.

Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority.

Course #97 FAS445Y5 Individual Investigations in Painting

Before: Prerequisite: **FAS345Y5** and P.I.

After: Prerequisite: **FAS345Y5, 1.5 credits in FAH/VCC** and P.I.

Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority.

Course #98 FAS446Y5 Individual Investigations in Design

Before: Prerequisite: FAS346Y

After: Prerequisite: FAS346Y **and 1.5 credits in FAH/VCC and P.I.**

Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority.

Course #99 FAS447Y5 Individual Investigations in Photography

Before: Prerequisite: FAS348Y5 or **FAS349Y5** and P.I.

After: Prerequisite: FAS348Y5 or **FAS349Y5, 1.5 credits in FAH/VCC** and P.I.

Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority.

Course #100 FAS448Y5 Individual Investigations in Sculpture

Before: Prerequisite: FAS348Y5 or **FAS349Y5** and P.I.

After: Prerequisite: FAS348Y5 or **FAS349Y5, 1.5 credits in FAH/VCC** and P.I.

Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority.

Course #101 FAS450Y5 Advanced Project

Before: Prerequisite: 1.0 FAS 400-level course, FAS451H5, FAS452H5, Permission of the Department.

After: Prerequisite: 1.0 FAS 400-level course, FAS451H5, FAS452H5, **1.5 credits in FAH/VCC and** Permission of the Department.

Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority.

Course #102 FAS453H5 Art Education Practice

Before: Prerequisite: For Art and Art History majors/specialists: 4.0 FAS courses and **2.0 FAH courses**, Permission of the Department. For Art History majors/specialists: 1.0 **course** in FAH at the 300/400 **level**, Permission of the Department.

After:

Prerequisite: For Art and Art History majors/specialists: 4.0 FAS courses and **1.5 FAH/VCC credit**, Permission of the Department. For Art History majors/specialists: 1.0 **credit** in FAH at the 300/400 **level and** Permission of the Department.

Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority.

Course #103 FAS454H5 Professional Practice

Before: Prerequisite: For Art and Art History majors/specialists: 4.0 FAS courses and **2.0 FAH courses**, Permission of the Department.

After: Prerequisite: For Art and Art History majors/specialists: 4.0 FAS courses and **1.5 FAH/VCC credit**, Permission of the Department.

Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority.

Course #104 FAS455H5 Teaching Art in the School and Community

Before: Prerequisite: For Art and Art History majors/specialists: 4.0 FAS **courses and 2.0 FAH** courses, Permission of the Department. For Art History majors/specialists: 1.0 **course** in FAH at the 300/400 **level**, Permission of the Department.

After: Prerequisite: For Art and Art History majors/specialists: 4.0 FAS courses, **1.5 FAH/VCC credits and** Permission of the Department. For Art History majors/specialists: 1.0 **credit** in FAH at the 300/400 **level and** Permission of the Department.

Rationale: Students not enrolled in the A&AH program are taking up too much space in studio courses; this should help ensure that our program students are getting priority.

Course #105 FRE180H5 Introduction to French Studies I

Before: Course Exclusion: FRE180Y5, **FSL221Y5**, FSL305Y5 or higher. Not open to native speakers of French and graduates of Extended French or French immersion programs.

After: Course Exclusion: FRE180Y5, **FSL221Y1**, FSL305Y5 or higher. Not open to native speakers of French and graduates of Extended French or French immersion programs.

Rationale: Inclusion of A&S course exclusion FSL221Y1.

Course #106 FRE181H5 Introduction to French Studies II

Before: Course Exclusion:

After: Course Exclusion: **FSL221Y1**

Rationale: Inclusion of A&S course exclusion FSL221Y1.

Course #107 FSL105H5 Functional French-Novice

Before: Course Exclusion: **FSL100H5** or higher. Not open to students who have studied French in secondary school. Not open to native speakers of French.

After: Course Exclusion: **FSL100H1** or higher. Not open to students who have studied French in secondary school. Not open to native speakers of French.

Rationale: Inclusion of A&S course exclusion.

Course #108 FSL106H5 Functional French-Advanced Beginner

Before: Course Exclusion: Grade 11 **French/FSL102H5** or higher. Not open to native speakers of French.

After: Course Exclusion: Grade 11 **French/FSL102H1** or higher. Not open to native speakers of French.

Rationale: Inclusion of A&S course exclusion.

Course #109 FSL205Y5 Functional French-Intermediate

Before: Course Exclusion: FSL205H5, 206H5 or higher.

After: Course Exclusion: **FSL121Y1**, FSL205H5, 206H5 or higher.

Rationale: Inclusion of A&S course exclusion.

Course #110 HIN212Y5 Introduction to Hindi

Before: Course Exclusion: NEW212Y1 or higher/SAS 202Y1 or **higher/Native users**

After: Course Exclusion: NEW212Y1 or higher/SAS 202Y1 or **higher/LGGA70H3, LGGA71H3/Native users.**

Rationale: Inclusion of UTSC course exclusions.

Course #111 HIS241H5 Introduction to 19th-Century European History

Before: Course Exclusion: **HIS109Y5; EUR200Y5; FGI200Y5**

After: Course Exclusion: **EUR200Y5, FGI200Y5, HIS241H1**

Rationale: Updating exclusion list to include UTSG course.

Course #112 HIS242H5 Introduction to Contemporary European History

Before: Course Exclusion: **HIS109Y5; EUR200Y5; FGI200Y5**

After: Course Exclusion: **EUR200Y5, FGI200Y5, HIS242H1**

Rationale: Updating exclusion list to include UTSG course.

Course #113 HIS250H5 Introduction to Russian History

Before: Course Exclusion: **HIS250Y5, 250Y1**

After: Course Exclusion: **HIS250Y1**

Rationale: Updating exclusion list to include UTSG course.

Course #114 HIS261H5 Introduction to Canadian History

Before: Course Exclusion: May not be taken with or after HIS263Y5.

After: Course Exclusion: **HIS263Y1**; May not be taken with or after HIS263Y5.

Rationale: Updating exclusion list to include UTSG course.

Course #115 HIS271H5 US History, Colonial Era to 1877

Before: Course Exclusion: **May not be taken with or after HIS271Y1/272Y5. Recommended**
Preparation: **HIS101H5/102Y5**

After: Course Exclusion: **HIS271Y1, HIS272Y5**
Recommended Preparation: **HIS101H5**

Rationale: Currently there is a year-long US history course on the books. This is a proposal to break the course into two half-year sections, as it used to be taught. Now that we have two US historians at UTM again, we can cover the survey each year as part of our regular teaching. (The US history survey is almost invariably taught in 2 parts, and all curricular materials are organized this way, such as textbooks, etc). The course title has been changed from American to US to be more specific (other parts of the continent also lay claim to the term American) and to Colonial rather than 1607, in order to allow an instructor to cover not just English colonialism, but also French and Spanish, as well as settler colonialism.

Course #116 HIS272H5 US History, 1877-present

Before: Course Exclusion: **HIS271H5**
After: Course Exclusion: **HIS271H5, HIS272Y5, HIS271Y1**
Rationale: This was previously a year-long US history course, this is a proposal to break the course into two half-year sections, as it used to be taught. Now that we have two US historians at UTM again, we can cover the survey each year as part of our regular teaching. (The US history survey is almost invariably taught in 2 parts, and all curricular materials are organized this way, such as textbooks, etc). The course title has been changed from American to US to be more specific (other parts of the continent also lay claim to the term American) and to Colonial rather than 1607, in order to allow an instructor to cover not just English colonialism, but also French and Spanish, as well as settler colonialism.

Course #117 HIS282H5 Introduction to South Asian History

Before: Course Exclusion: **HIS282Y5, 282Y1 Recommended** Preparation: **HIS101H5/102Y5**
After: Course Exclusion: **HIS282Y1, 283Y1; HISB57H3 Recommended** Preparation: **HIS101H5**
Rationale: Updating exclusion list to include UTSG and UTSC courses.

Course #118 HIS290H5 Introduction to Latin American History

Before: Course Exclusion: **HIS290Y5, 292Y1**
After: Course Exclusion: **HIS291H1, 292H1**
Rationale: Updating exclusion list to include UTSG course.

Course #119 HIS295H5 Introduction to African History

Before: Course Exclusion: **HIS295H1 Recommended** Preparation: **HIS101H5/102Y5**
After: Course Exclusion: **HIS295Y1 Recommended** Preparation: **HIS101H5**
Rationale: Updating exclusion list to include UTSG course.

Course #120 HIS311H5 Introduction to Canadian International Relations

Before: Course Exclusion: **HIS311Y5/ 311Y1**
After: Course Exclusion: **HIS311Y1, HISC46H3**
Rationale: Updating exclusion list to include UTSG and UTSC courses.

Course #121 HIS312H5 Canadian Communities 1600-2000

Before: Course Exclusion:
After: Course Exclusion: **HIS312H1, HISC45H3**
Rationale: Updating exclusion list to include UTSG and UTSC courses.

Course #122 HIS338H5 The Holocaust in Nazi Germany and Occupied Europe

Before: Course Exclusion: **HIS338Y5 Recommended** Preparation: A course in modern European **history**
After: Course Exclusion: **HIS361H1, 338H1 Recommended** Preparation: A course in modern European **history**.
Rationale: Updating exclusion list to include UTSG course.

Course #123 HIS340H5 The Reformation in Europe

Before: Course Exclusion: **HIS340Y5**, RLG346H5
After: Course Exclusion: **HIS309H1**, RLG346H5
Rationale: Updating exclusion list to include UTSG course.

Course #124 HIS351H5 Twentieth-Century Russia

Before: Course Exclusion: **HIS250Y5, 251H5**
After: Course Exclusion: **HIS351Y1**
Rationale: Updating exclusion list to include UTSG course. Removal of tutorials from the course.

Course #125 HIS358H5 Canada Since World War Two

Before: Course Exclusion:
After: Course Exclusion: **HISB41H3**
Rationale: Updating exclusion list to include UTSC course.

Course #126 HIS369H5 Great Lakes Aboriginal History

Before: Course Exclusion: **HIS369Y5**
After: Course Exclusion: **HIS366H1**
Rationale: Updating exclusion list to include UTSG course.

Course #127 HIS371H5 The Americas: Interaction and Inequality

Before: Course Exclusion:
After: Course Exclusion: **HIS391Y1, HISC70H3**
Rationale: Updating exclusion list to include UTSG and UTSC courses.

Course #128 HIS372H5 The United States in the 20th Century

Before: Course Exclusion: **HIS372Y5**
After: Course Exclusion: **HIS372H1, HISD36H3**
Rationale: Updating exclusion list to include UTSG and UTSC courses.

Course #129 HIS454H5 Race, Gender and Nation in Modern Latin America

Before: Prerequisite: **HIS290H5/290Y5 Course** Exclusion:
After: Prerequisite: **HIS290H5 Course** Exclusion: **HIS441H1**
Rationale: Updating exclusion list to include UTSG course. Removal of an prerequisite that has not been offered in the last seven years.

Course #130 LIN100Y5 Introduction to General Linguistics

Before: Course Exclusion:
After: Course Exclusion: **LIN100Y1, LINA01H3, LINA02H3.**
Rationale: Inclusion of A&S and UTSC course exclusions.

Course #131 LIN203H5 English Words through Time and Space

Before: Course Exclusion: **LIN202Y1**
After: Course Exclusion: **LIN202Y1, LGGB18H3, LIN203H1.**
Rationale: Inclusion of A&S and UTSC course exclusions.

Course #132 LIN204H5 English Grammar

Before: Course Exclusion: **LIN202Y1**
After: Course Exclusion: **LIN202Y1, LIN204H1.**
Rationale: Inclusion of A&S course exclusion.

Course #133 LIN228H5 Phonetics

Before: Course Exclusion:
After: Course Exclusion: **LIN228H1, LINB09H3**
Rationale: Inclusion of A&S and UTSC course exclusions.

Course #134 LIN229H5 Sound Patterns in Language

Before: Course Exclusion:
After: Course Exclusion: **LIN229H1, LINB04H3.**
Rationale: Inclusion of A&S and UTSC course exclusions.

Course #135 LIN231H5 Morphological Patterns in Languages

Before: Course Exclusion:
After: Course Exclusion: **LIN231H1.**
Rationale: Inclusion of A&S course exclusion.

Course #136 LIN232H5 Syntactic Patterns in Language

Before: Course Exclusion:
After: Course Exclusion: **LIN232H1.**
Rationale: Inclusion of A&S course exclusion.

Course #137 PHL202H5 Ancient Philosophy

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**
After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**
Rationale: A new first year course PHL145.

Course #138 PHL210Y5 17th and 18th Century Philosophy

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**
After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**
Rationale: New first year course PHL145H5

Course #139 PHL220H5 Existentialism

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**
After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**
Rationale: New first year course PHL145H5

Course #140 PHL235H5 Philosophy of Religion

Before: Prerequisite: **PHL105Y5 (may be taken concurrently) or 4.0 credits**
After: Prerequisite: **New first year course PHL145H5.**
Rationale: PHL105Y5 (may be taken as a corequisite) or PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.

Course #141 PHL240H5 Minds and Machines

Before: Prerequisite: **PHL105Y** (may be taken as a corequisite) or 4.0 **credits**
After: Prerequisite: **PHL105Y5** (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**
Rationale: New 1st year course PHL145H5.

Course #142 PHL241H5 Freedom and Determinism

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**
After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**
Rationale: New course PHL145H5

Course #143 PHL243H5 Philosophy of Human Sexuality

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**
After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**
Rationale: New course PHL145H.

Course #144 PHL244H5 Human Nature

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**
After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**
Rationale: PHL105Y5 (may be taken as a corequisite) or PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.

Course #145 PHL246H5 Probability and Inductive Logic

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**
After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

Rationale: New course PHL145H5.

Course #146 PHL255H5 Philosophy of Science

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**

After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

Rationale: None.

Course #147 PHL258H5 Puzzles and Paradoxes

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits.

After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

Rationale: New first year course.

Course #148 PHL267H5 Feminism

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits** Course Exclusion:

After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.** Course Exclusion: **PHL277Y5**

Rationale: New course PHL145H.

Course #149 PHL271H5 Ethics and the Law

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**

After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

Rationale: New course PHL145H.

Course #150 PHL272H5 Philosophy of Education

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**

After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

Rationale: New course PHL145H5

Course #151 PHL273H5 Environmental Ethics

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**

After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

Rationale: New course PHL145H5

Course #152 PHL274H5 Ethics and Society

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**

After:

Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

Rationale: PHL274H5 Contemporary Social and Political Philosophy replaced by PHL274H5 Ethics and Society. Current title and description is too narrow and does not correspond to what is actually taught in the course.

Course #153 PHL277Y5 Moral, Social and Political Philosophy Through Its History

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 credits **Course Exclusion:** **PHL265H1**

After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H (may be taken as a corequisite) or 4.0 credits PHL145H may be taken as a corequisite.**
Course Exclusion: **PHL265H, PHL275**

Rationale: PHL277Y will now focus on a historical introduction to moral, social, political philosophy. Students can also take instead one or both of the semester long problem based introduced this year (PHL265H and PHL275H).

Course #154 PHL282H5 Ethics: Death and Dying

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**

After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

Rationale: New course PHL145H5

Course #155 PHL283H5 Bioethics

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**

After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

Rationale: New course PHL145H.

Course #156 PHL285H5 Aesthetics

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**

After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

Rationale: New course PHL145H5.

Course #157 PHL290H5 Psychoanalysis

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**

After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

Rationale: New course PHL145H5

Course #158 PHL295H5 Philosophy of Business

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**

After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**

Rationale: New course PHL145H.

Course #159 PHL299Y5 Research Opportunity Program

Before: Prerequisite: PHL105Y5 (may be taken as a corequisite) or 4.0 **credits**
After: Prerequisite: PHL105Y5 (may be taken as a corequisite) or **PHL145H5 (may be taken as a corequisite) or PHL174H5 (may be taken as a corequisite) or 4.0 credits.**
Rationale: New course PHL145H5.

Course #160 PHL375H5 Issues in Moral Philosophy

Before: Recommended Preparation: **PHL277Y5**
After: Recommended Preparation: **PHL275H5**
Rationale: New course added

Course #161 RLG101H5 Introduction to the Study of Religion

Before: Course Exclusion: **RLG101Y1, RLG100Y5, 280Y5**
After: Course Exclusion: **RLG101Y1**
Rationale: RLG100Y5/280Y5 was the World Religions course at UTM, just as RLG100Y1/280Y1 is the World Religions course that continues to be taught on the St. George campus. RLG101H1 in contrast is an introduction to the study of religion. It is about the academic field more generally, and not about specific, individual traditions. The content of RLG101 is entirely different from that of RLG100/280.

Course #162 RLG206H5 Introduction to Buddhism

Before: Course Exclusion: **RLG206Y1, RLG206Y5**
After: Course Exclusion: **RLG206Y1**
Rationale: Removal of an exclusion that has not been offered in the last seven years.

Course #163 RLG312H5 Method and Theory in the History of Religions

Before: Prerequisite: 1.0 RLG credits **Course Exclusion: Recommended Preparation: RLG101H5**
After: Prerequisite: **RLG101H5**, 1.0 RLG credits **Course Exclusion: RLG200H1 Recommended Preparation:**
Rationale: As its title indicates, RLG101H5 is an introduction to the study of religion (i.e., it is not an introduction to world religions). Students in this course are exposed to a wide range of approaches, ideas, and theorists relevant to the discipline. The course therefore makes an ideal and in fact necessary starting point for students interested (whether for personal or program reasons) in continuing to learn about the academic study of religion at the third year level. Updating exclusion list to include UTSG course.

Course #164 RLG323H5 Jesus of Nazareth

Before: Prerequisite: **One RLG course Recommended Preparation: RLG241H5, 241Y5**
After: Prerequisite: **RLG203H5 Recommended Preparation:**
Rationale: Clean-up of Christianity core curriculum in religion necessitate designating this course as the historical Jesus course, one of the two biblically-focused Christianity courses. Other courses will focus on early (i.e., late ancient) Christianity, thus this course is inaptly titled and not fully described since it necessarily includes historical/archaeological studies not just textual studies.

Course #165 RLG324H5 Paul and Earliest Christianity

Before: Prerequisite: **One RLG course Recommended** Preparation: **RLG241H5/241Y5**
After: Prerequisite: **RLG203H5**
Recommended Preparation:
Rationale: The revised title and description more accurately reflect the course content.

Course #166 RLG326H5 Early Christianity and Rabbinic Judaism

Before: Prerequisite: **Recommended** Preparation:
After: Prerequisite: **RLG202H5/RLG203H5**
Recommended Preparation: **RLG202H5/RLG203H5**
Rationale: New description is clearer and briefer than previous description and now on par with the clarity/brevity of course descriptions for other religion courses.

Course #167 RLG332H5 Reel Religion

Before: Course Exclusion: **RLG232H5, 232H1**
After: Course Exclusion: **RLG232H1**
Rationale: Removal of an exclusion that has not been offered in the last seven years.

Course #168 RLG333H5 Biblical Themes in Modern Literature

Before: Prerequisite: **RLG203H5**
After: Prerequisite:
Rationale: This course does not require any previous understanding of Christianity, and so having completed RLG203H5 is not really necessary or even especially helpful for students taking RLG333H5.

Course #169 RLG346H5 Early Modern Christianity

Before: Prerequisite: **Course** Exclusion: **RLG246H5/246Y5, HIS340H5**
After: Prerequisite: **RLG203H5**
Course Exclusion: HIS340H5
Rationale: Title/description updated as part of the general process of revising and cleaning-up the course offerings in the Christianity curriculum to more accurately reflect how the course has been (and will continue to be) taught.

Course #170 RLG349H5 Medieval Christianity

Before: Prerequisite: **Course** Exclusion: **RLG342H5**
After: Prerequisite: **RLG203H5**
Course Exclusion:
Rationale: Title/description updated as part of the general process of revising and cleaning-up the course offerings in the Christianity curriculum to more accurately reflect how the course has been (and will continue to be) taught.

Course #171 RLG357H5 Contemporary Global Christianity

Before: Prerequisite:
After: Prerequisite: **RLG203H5**
Rationale: Title/description updated as part of the general process of revising and cleaning-up the course offerings in the Christianity curriculum to more accurately reflect how the course has been (and will continue to be) taught.

Course #172 SPA100Y5 Spanish for Beginners

Before: Course Exclusion: SPA100Y1/Grade 12 Spanish or equivalent knowledge of **Spanish**
After: Course Exclusion: SPA100Y1/Grade 12 Spanish or equivalent knowledge of **Spanish, LGGA30H3, LGGA31H3.**
Rationale: Inclusion of UTSC course exclusions.

Course #173 VCC101H5 Introduction to Visual Culture

Before: Course Exclusion: FAH201H5, **CCT201H5 Recommended** Preparation: CCT109H5 or **FAH202H5 or P.I.**
After: Course Exclusion: FAH201H5, **CCT201H5, VCC201H5 Recommended** Preparation: CCT109H5 or **FAH101H5/FAH202H5**
Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #174 VCC205H5 Monsters

Before: Prerequisite: **VCC201H5**
After: Prerequisite: **VCC101H5/VCC201H5**
Rationale: VCC101H5/VCC201H5

Course #175 VCC207H5 Urban Sites and Sounds

Before: Prerequisite: **VCC201H5**
After: Prerequisite: **VCC101H5/VCC201H5**
Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #176 VCC236H5 North American Consumer Culture: 1890-Present

Before: Prerequisite: **VCC201H5/HIS271Y5 Course** Exclusion: **HIS336H5**
After: Prerequisite: **VCC101H5/VCC201H5 or HIS271Y5 Course** Exclusion: **HIS336H5, VCC336H5**
Rationale: Updating course information
 Revisions to prerequisites reflects changes to our intro. courses. Exclusions were updated.

Course #177 VCC304H5 Visual Culture and the Politics of Identity

Before: Prerequisite: **CCT200H5/VCC201H5 or P.I.**
After: Prerequisite: **CCT200H5 or VCC101H5/VCC201H5**
Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #178 VCC306H5 Visual Culture and Colonialism

Before: Prerequisite: **VCC201H5**
After: Prerequisite: **VCC101H5/VCC201H5**
Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #179 VCC309H5 Society and Spectacle

Before: Prerequisite: **VCC201H5**
After: Prerequisite: **VCC101H5/VCC201H5**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #180 VCC334H5 Media Realities

Before: Prerequisite: **VST100H5, VST101H5, VCC201H5**

After: Prerequisite: **VCC101H5/VCC201H5**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #181 VCC338H5 Picturing the Suburbs

Before: Prerequisite: **VCC201H5**

After: Prerequisite: **VCC101H5/VCC201H5**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #182 VCC360H5 South Asian Visual Culture

Before: Prerequisite: **VCC201H5**

After: Prerequisite: **VCC101H5/VCC201H5**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #183 VCC390H5 Topics in Visual Culture and Communication

Before: Prerequisite: **VCC201H5**

After: Prerequisite: **VCC101H5/VCC201H5**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #184 VCC400H5 Advanced Project

Before: Prerequisite: **VCC** 201H5 and completion of 13.0 credits. Open only to VCC specialists.

After: Prerequisite: **VCC101H5/VCC** 201H5 and completion of 13.0 credits. Open only to VCC specialists.

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #185 VCC406H5 Post-Colonialism and the Image

Before: Prerequisite: **VCC201H5, VCC306H5**

After: Prerequisite: **VCC101H5/VCC201H5, VCC306H5**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #186 VCC407H5 Architectures of Vision

Before: Prerequisite: 13.0 credits including a minimum of 1.0 VCC credit and **VCC201H5.**

After: Prerequisite: 13.0 credits including a minimum of 1.0 VCC credit and **VCC101H5/VCC201H5.**

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #187 VCC409H5 Capital, Spectacle, War

Before: Prerequisite: **VCC201H5, VCC309H5** plus at least 1.0 in VCC

After: Prerequisite: **VCC101H5/VCC201H5, VCC309H5** plus at least 1.0 in VCC

Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #188 VCC411H5 Real Space to Cyberspace

Before: Prerequisite: FAH105H5; **VCC201H5** plus at least 1.0 credit in VCC.
After: Prerequisite: FAH105H5; **VCC101H5/VCC201H5** plus at least 1.0 credit in VCC.
Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #189 VCC415H5 Theory and Criticism of Photography and New Media

Before: Prerequisite: **VCC201H5**, FAH291H5/FAH391H5 and 1.0 credit in VCC at 300/400 level
After: Prerequisite: **VCC101H5/VCC201H5**, FAH291H5/FAH391H5 and 1.0 credit in VCC at 300/400 level
Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #190 VCC425H5 Art and Media Culture

Before: Prerequisite: 13.0 credits including **VCC201H5** and a minimum of 1.0 VCC credit.
After: Prerequisite: 13.0 credits including **VCC101H5/VCC201H5** and a minimum of 1.0 VCC credit.
Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #191 VCC427H5 Participatory Media

Before: Prerequisite: **VCC201H5** plus at least 1.0 in VCC
After: Prerequisite: **VCC101H5/VCC201H5** plus at least 1.0 in VCC
Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #192 VCC490H5 Topics in Visual Culture and Communication

Before: Prerequisite: 13.0 credits including **VCC201H5** and a minimum of 1.0 VCC credit.
After: Prerequisite: 13.0 credits including **VCC101H5/VCC201H5** and a minimum of 1.0 VCC credit.
Rationale: Revisions to prerequisites reflects changes to our intro. courses.

Course #193 VST101H5 Introduction to Visual Studies

Before: Prerequisite: **VST100H5 Course** Exclusion: **FAH105H5**
After: Prerequisite:
Course Exclusion: **FAH105H5, FAH202H5, FAH101H5, VST100H5**
Rationale: Change reflects deletion of VST100.

Course #194 WGS200Y5 Theories in Women and Gender Studies

Before: Course Exclusion: **NEW160Y1; ERI200Y5; WGS160Y1; WSTA01H3**
After: Course Exclusion: **ERI200Y5, NEW160Y1, WGS160Y1, WSTA01H3, WGSTA03H3, WGS260H1**
Rationale: Updating exclusion list to include UTSG and UTSC courses.

Course #195 WGS215H5 Women, Politics and the State

Before: Course Exclusion:
After: Course Exclusion: **WSTC14H3**

Rationale: The new title and course description are a more accurate description of the course content and a better representation of the focus, the topics, themes and theories discussed in the course. Updating exclusion list to include UTSC course.

Course #196 WGS353H5 Theories of Masculinity

Before: Course Exclusion:

After: Course Exclusion: **WGS275H1**

Rationale: Updating exclusion list to include UTSG course.

Course #197 WGS365H5 Gender, Justice and the Law

Before: Course Exclusion:

After: Course Exclusion: **WGS366H, WSTC16H3**

Rationale: Updating exclusion list to include UTSG and UTSC courses.

Course #198 WGS366H5 Women and Psychology

Before: Course Exclusion: **PSYD18H; WGS372H1**

After: Course Exclusion: **PSYD18H, WGS372H1, WGS378H1**

Rationale: Updating exclusion list to include UTSG course.

Course #199 WGS367H5 Women and Health

Before: Course Exclusion: ERI367H5, NEW367H1, **WGS367H1**

After: Course Exclusion: ERI367H5, NEW367H1, **WGS367H, WSTC21H3**

Rationale: Updating exclusion list to include UTSC course.

Course #200 WGS370H5 Gender, Sexuality, Identity

Before: Course Exclusion:

After: Course Exclusion: **WGS374H1**

Rationale: Updating exclusion list to include UTSG course.

Course #201 WGS420H5 Engendering Human Rights

Before: Course Exclusion:

After: Course Exclusion: **WSTD04H3**

Rationale: Updating exclusion list to include UTSC course.

Course #202 WGS450H5 Theories of Sexuality

Before: Course Exclusion:

After: Course Exclusion: **WSTD03H3**

Rationale: Updating exclusion list to include UTSC course.

Course #203 WGS455H5 Queer Theory

Before: Course Exclusion:

After: Course Exclusion: **WGS376H1**

Rationale: Updating exclusion list to include UTSG course.

Course #204 utm110H5 utmONE: Building Global Justice

Before: Course Exclusion: utm111H5, utm112H5, utm190H5, utm191H5, **utm192H5** **Distribution:** SSc
After: Course Exclusion: utm111H5, utm112H5, utm190H5, utm191H5, **utm192H5, utm193H5**
Distribution: **HUM** SSc
Rationale: Addition of Humanities distribution requirement: Students in this course are learning transferable skills relevant to both Humanities and Social Science disciplines.
 Deletion of text: All utmONE courses are now open to any interested student, regardless of admit post.

Course #205 utm112H5 utmONE: Power and Danger of Expression

Before: Course Exclusion: utm110H5, utm111H5, utm190H5, utm191H5, **utm192H5** **Distribution:** HUM
After: Course Exclusion: utm110H5, utm111H5, utm190H5, utm191H5, **utm192H5, utm193H5**
Distribution: HUM **SSc**
Rationale: Addition of Social Science distribution requirement: Students in this course are learning transferable skills relevant to both Humanities and Social Science disciplines.
 Deletion of text: All utmONE courses are now open to any interested student, regardless of admit post.
 Exclusion changes: This now reflects the full set of utmONE courses.

Course #206 utm190H5 utmONE Scholars: The Drama of Politics

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm191H5, **utm192H5**
After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm191H5, **utm192H5, utm193H5**
Rationale: Exclusion changes: This now reflects the full set of utmONE courses.

Course #207 utm192H5 utmONE Scholars: Language, Culture, and Mind

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm190H5, **utm191H5**
After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm190H5, **utm191H5, utm193H5**
Rationale: Exclusion changes: This now reflects the full set of utmONE courses.

Sciences

Sciences

SCIENCES - Table of Contents

SUMMARY OF COURSE CHANGES.....1

New Programs.....2

Programs - Resource Implications.....3

Deleted Programs.....6

Programs - Other Changes.....7

New Courses.....33

Courses - Resource Implications.....40

Deleted Courses.....60

Renumbered Courses.....61

Courses - Description Changes.....62

Changes in Course Name.....72

Courses - Other Changes.....76

SUMMARY OF COURSE CHANGES

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Anthropology	1	0	0	1	0	23
Astronomy	0	0	0	0	0	4
Biology	0	0	2	7	3	46
Biomedical Communications	0	0	0	0	0	3
Chemistry	0	0	3	7	4	22
Communication, Culture, Information and Technology	0	0	1	0	0	0
Computer Science	0	0	0	1	0	32
Earth Science	0	0	0	0	1	12
Economics	0	0	0	0	1	0
Environment	0	0	0	1	0	1
Forensic Science	0	0	0	0	1	2
Geography	0	0	0	3	1	5
Mathematics	0	0	0	0	3	24
Physics	0	0	1	0	0	9
Psychology	0	0	1	0	3	46
Science	0	0	1	0	0	0
Sociology	0	0	0	0	0	0
Statistics	0	0	0	0	0	14
utmONE	0	0	0	0	0	2

6

New Programs

NONE

Programs - Resource Implications

Program #1 ERMAJ0105 Anthropology (Science)

Resource implications: No resource implications.

Program #2 ERMAJ0205 Forensic Science (Science)

Resource implications: no resource implications.

Program #3 ERMAJ1004 Paleontology (Science)

Resource implications: None.

Program #4 ERMAJ1061 Environmental Science (Science)

Resource implications: none

Program #5 ERMAJ1149 Biology for Health Sciences (Science)

Resource implications: None.

Program #6 ERMAJ1160 Psychology (Science)

Resource implications: None

Program #7 ERMAJ1376 Chemistry (Science)

Resource implications: none

Program #8 ERMAJ1883 Exceptionality in Human Learning (Science)

Resource implications: None

Program #9 ERMAJ2364 Biology (Science)

Resource implications: None.

Program #10 ERMAJ2511 Mathematical Sciences (Science)

Resource implications: None

Program #11 ERMIN0305 Geographical Information Systems (Science)

Resource implications: none

Program #12 ERMIN0840 Biomedical Communications (Science)

Resource implications: None.

Program #13 ERMIN1061 Environmental Science (Science)

Resource implications: none

Program #14 ERMIN1160 Psychology (Science)

Resource implications: None

Program #15 ERMIN1540 Statistics, Applied (Science)

Programs - Resource Implications

3

Sciences

Resource implications: None

Program #16 ERMIN2364 Biology (Science)

Resource implications: None.

Program #17 ERSPE0105 Anthropology (Science)

Resource implications: No resource implications.

Program #18 ERSPE0482 Comparative Physiology (Science)

Resource implications: None.

Program #19 ERSPE1009 Forensic Chemistry (Science)

Resource implications: No resource implications.

Program #20 ERSPE1020 Ecology and Evolution (Science)

Resource implications: None.

Program #21 ERSPE1061 Environmental Science (Science)

Resource implications: none

Program #22 ERSPE1118 Biotechnology (Science)

Resource implications: None.

Program #23 ERSPE1160 Psychology (Science)

Resource implications: None

Program #24 ERSPE1237 Molecular Biology (Science)

Resource implications: None.

Program #25 ERSPE1338 Forensic Anthropology (Science)

Resource implications: No resource implications.

Program #26 ERSPE1376 Chemistry (Science)

Resource implications: none

Program #27 ERSPE1410 Forensic Biology (Science)

Resource implications: No resource implications.

Program #28 ERSPE1505 Forensic Psychology (Science)

Resource implications: No resource implications.

Program #29 ERSPE1883 Exceptionality in Human Learning (Science)

Resource implications: None

Program #30 ERSPE1995 Biological Chemistry (Science)

Programs - Resource Implications

4

Sciences

Resource implications: none

Program #31 ERSPE2070 Geography (Science)

Resource implications: none

Program #32 ERSPE2364 Biology (Science)

Resource implications: None.

Program #33 ERSPE2470 Behaviour, Genetics, and Neurobiology (Science)

Resource implications: None

Deleted Programs

NONE

Programs - Other Changes

Program #1 ERMAJ0105 Anthropology (Science)

Rationale for change: Update in course requirements since ANT203Y5 has been divided into 2 half courses. In addition, ANT208H5 and ANT209H5 were removed from the 200 level list of courses for program options--these courses are not offered every year, are not intended to be core courses.

Before:

- Second Year 1. ANT(200H5, **201H5),203Y5**
- 2. ANT204H5 and 0.5 from **ANT206H5/207H5/208H5/209H5**

After:

- Second Year 1. ANT(200H5, **201H5), (202H5, 203H5)**
- 2. ANT204H5 and 0.5 from **ANT206H5/207H5**

Program #2 ERMAJ0205 Forensic Science (Science)

Rationale for change: **Third Year:** ~~STA221H5~~ **added** STA215H5/ --only 0.5 STA crd needed for accreditation/reflect change with Statistics course. **Fourth Year:** **added additional 0.5 FSC course requirement (total # of program required courses remains the same)2.5** credits from the following list: ~~FSC310H5, 361H5~~ -these are no longer offered. **added newer and renumbered FSC courses to this list of course options:** FSC311H5, 315H5, 406H5, 407H5

Before:

NOTES: Second Major

- 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.
 - 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) Major elective requirements (3.0 ANT science courses) students are recommended to take the following: ANT 205H5; 306H5, 334H5, 340H5, **439Y5**. Additional related courses include: **ANT 336/FSC 310H5, ANT 338H5, 415H5**.
 - 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.
 - 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.
 - 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.
 - 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. Prospective students already holding a degree in Biology, Chemistry, Computer Science, 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.
 - 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.
- Third Year FSC360H5; **(STA220H5, 221H5)/(BIO360H5, 361H5)**
- Fourth Year **2.0** credits from the following list: FSC300H5, 302H5, **306H5, 310H5**, 350H5, **361H5**, 401H5, 402H5, 489H5

After:

NOTES: Second Major

- 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.
- 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) Major elective requirements

(3.0 ANT science courses) students are recommended to take the following: ANT 205H5; 306H5, 334H5, 340H5, **439H5**. Additional related courses include: **ANT338H5, 415H5; 436H5**.

- 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.
- 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.
- 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.
- 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. Prospective students already holding a degree in Biology, Chemistry, Computer Science, 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.
- 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.

Third Year FSC360H5; **STA215H5/220H5**

Fourth Year **2.5** credits from the following list: FSC300H5, 302H5, **311H5, 315H5**, 350H5, 401H5, 402H5, **406H5, 407H5**, 489H5

Program #3 ERMAJ0305 Geographical Information Systems (Science)

Rationale for change: new GIS courses are added as options for students

Before:

- Third Year 2.5 credits
- 1.0 credits from: GGR321H5 and GGR337H5
- 1.5 credits from the following: GGR311H5, 370H5, 372H5, 380H5

After:

- Third Year 2.5 credits
- 1.0 credits from: GGR321H5 and GGR337H5
- 1.5 credits from the following: GGR311H5, **322H5, 335H5**, 370H5, 372H5, 380H5

Program #4 ERMAJ1004 Paleontology (Science)

Rationale for change: Enrolment criteria for this program is being proposed in an effort to ensure only students with an interest in this area and an intention to complete the program enroll. Currently, the program has high enrolment numbers from students that require a major program as a placeholder but do not actually complete any related courses and do not graduate with this subject post. Lack of enrolment criteria is skewing our data and numbers for this program. This is also an effort to try to accurately gauge interest in this program so the Department can determine if it is in our best interest to continue this program or not.

Before: Limited Enrolment:

After: Limited Enrolment: **Enrolment in this program is limited to students who have completed 4.0 credits (including BIO152H5 and BIO153H5) and who have achieved a CGPA of at least 2.0. CGPA for enrolment into this program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable).**

Program #5 ERMAJ1061 Environmental Science (Science)

Rationale for change: We wanted to identify a clear core for the program (with changes/additions at the 3rd year) and reduce course options that were not aligned with focus of the program/not required for upper-level course. We now offer more ENV courses, and other units offer enough ENV-focused courses that some of the options are no longer needed to ensure students can get enough credits.

Before:

- First Year: 3.0 credits
- Introduction: ENV100Y5
- Quantitative Foundation: 1.0 credit chosen from this list: ~~CSC108H5, 148H5~~; MAT134Y5, 135Y5, 137Y5
- Basic Scientific Foundation: 1.0 credit chosen from this list: ~~ANT104H5~~; BIO152H5, 153H5; ~~ERS103H5, 420H5~~; CHM110H5, 120H5; GGR112H5; PHY135Y5, 136H5, 137H5

Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.

Second Year: 2.5 credits

- Environmental Management Perspectives: ENV201H5

- Biological & Ecological Perspectives: 0.5 credit chosen from this list: ~~BIO200H5, 204H5~~, 205H5, ~~206H5, 245H5~~

- Geographical Perspectives: 0.5 credit chosen from this list: ~~GGR214H5~~, 217H5, 227H5

- Physical & Chemical Perspectives: 0.5 credit chosen from this list: CHM231H5, 242H5, JCP221H5; ERS201H5; ~~GGR201H5~~; PHY237H5

- Analytical & Research Methods: 0.5 credit chosen from this list: CHM211H5; BIO360H5; GGR276H5, 278H5, 337H5; STA220H5; or another program-relevant 200/300-level Research Methods course (SCI), with permission of the Program Advisor

Upper Years: 2.5 credits

- Field, Experiential & Research Perspectives: 0.5 credit chosen from this list: ANT318H5; BIO313H5, 329H5, 416H5; ERS325H5; ~~ENV232H5, 200Y5~~, 331H5, ~~300Y5, 400Y5~~; ~~GGR317H5 (with field-trip option), 370H5~~; SCI395H5, 396H5, 498H5, 499H5; or another program-relevant Field, Experiential, or Research course (SCI), with permission of the Program Advisor

- Biogeochemical Perspectives: ~~1.5~~ credit chosen from this list: BIO311H5, 312H5, 318Y5, 328H5, 330H5, 333H5, 373H5, 405H5, 406H5, 436H5, 464H5; GGR305H5, 307H5, 309H5, 311H5, 312H5, 315H5, 316H5, 317H5, ~~321H5, 337H5~~, 338H5, 372H5, ~~375H5~~, 377H5, 378H5, 403H1, 406H5, 407H5, 409H1, 413H1, 463H5, 464H5, 479H5; CHM310H1, 311H5, 331H5, 333H5, 347H5, 361H5, 362H5, 391H5, 393H5; ENV495H5, 496H5; ERS315H5, 321H5; ~~PHY331H5, 332H5~~

- Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, ~~368H5, 370H5~~; ECO373Y5; ~~ENG260H5~~; ENV250Y5, ~~303H5~~; ~~GGR320H5~~, 333H5, 345H5, 348H5, 349H5, 361H5, 365H5, 367H5, 369H5, 370H5, 378H5, ~~380H5~~; HIS318H5, 319H5; MGT394H5; PHL255H5, 273H5, 373H1; POL343Y5; SOC226H5, 339H5, ~~340H5~~, 356H5; WRI375H5

Note: ENV490H5, 491H5 can substitute for #1, #2, #3, or #4 as course requirements, where appropriate, and with permission of the Program Advisor or Academic Counsellor.

After:

First Year: 3.0 credits

- Introduction: ENV100Y5

- Quantitative Foundation: 1.0 credit chosen from this list: MAT134Y5, 135Y5, 137Y5

- Basic Scientific Foundation: 1.0 credit chosen from this list: BIO152H5, 153H5; CHM110H5, 120H5; GGR112H5; PHY135Y5, 136H5, 137H5

Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.

Second Year: 2.5 credits

- Environmental Management Perspectives: ENV201H5

- Biological & Ecological Perspectives: 0.5 credit chosen from this list: BIO202H5, 203H5, 205H5, 206H5

- Geographical Perspectives: 0.5 credit chosen from this list: GGR201H5, 214H5, 217H5, 227H5

- Physical & Chemical Perspectives: 0.5 credit chosen from this list: CHM231H5, 242H5, JCP221H5; ERS201H5; PHY237H5

- Analytical & Research Methods: 0.5 credit chosen from this list: CHM211H5; BIO360H5; GGR276H5, 278H5, 337H5; STA220H5; or another program-relevant 200/300-level Research Methods course (SCI), with permission of the Program Advisor

Upper Years: 2.5 credits

- Environmental Science Core: ENV330H5

- Field, Experiential & Research Perspectives: 0.5 credit chosen from this list: ANT318H5; BIO313H5, 329H5, 416H5; ERS325H5; ENV299Y5, 331H5, 332H5, 399Y5; GGR379H5; JEG400Y5, JEG401Y5; SCI395H5, 396H5, 498H5, 499H5; or another program-relevant Field, Experiential, or Research course (SCI), with permission of the Program Advisor

- Biogeochemical Perspectives: 1.0 credit chosen from this list: BIO311H5, 312H5, 318Y5, 328H5, 330H5, 333H5, 373H5, 405H5, 406H5, 436H5, 464H5; GGR305H5, 307H5, 309H5, 311H5, 312H5, 315H5, 316H5, 317H5, 338H5, 372H5, 374H5, 375H5, 377H5, 378H5, 403H1, 406H5, 407H5, 409H1, 413H1, 463H5, 464H5, 479H5; CHM310H1, 311H5, 331H5, 333H5, 347H5, 361H5, 362H5, 391H5, 393H5; ENV495H5, 496H5; ERS315H5, 321H5; PHY331H5

- Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, 368H5; ECO373Y5; ENV250Y5, 310H5, 320H5, 393H5, 425H5; GGR318H5, 329H5, 333H5, 345H5, 348H5, 349H5, 361H5, 365H5, 367H5, 369H5, 370H5, 378H5, 418H5, 419H5, 420H5; HIS318H5, 319H5; MGT394H5; PHL255H5, 273H5, 373H1; POL343Y5; SOC226H5, 339H5, 356H5; WRI375H5

Note: ENV490H5, 491H5 can substitute for #1, #2, #3, or #4 as course requirements, where appropriate, and with permission of the Program Advisor or Academic Counsellor.

Program #6 ERMAJ1149 Biology for Health Sciences (Science)

Rationale for change: Changes reflect curriculum changes being implemented in 2014-15.

Before: Limited Enrolment: Enrolment in the Major Program is limited to students who have completed 4.0 credits (including BIO152H5 and BIO153H5) and who have achieved a CGPA of at least ~~2.58.0~~ credits are required including at least 2.0 at the 300/400 level.

- BIO152H5, ~~153H5, (CHM110H5, 120H5) CHM140Y5, MAT134Y5*/135Y5/137Y5~~
 - BIO206H5, ~~207H5, 210Y5, 304H5, 310H5, 380H5, (BIO360H5/STA220H5/PSY201H5)~~
 - 1.0 credits from one of the following lists: Cell, Molecular, and Biotechnology Stream: BIO200H5, ~~215H5, 314H5, 315H5, 370Y5, 372H5, 374H5, 375H5, 476H5, 477H5~~; JBC472H5 Neuroscience Stream: ~~BIO215H5, 403H5, 409H5, 411H5, 434H5~~ Genes and Behaviour Stream: ~~BIO215H5, 315H5, 318Y5, 341H5, 361H5, 407H5, 434H5, 442H5, 443H5~~ *MAT134Y5 - Calculus for Life Sciences is highly recommended. NOTES: 1. Students should be aware of the distinct credit requirement for their degree (see section 8.6 - HBSc Degree Requirements for full details). Completion of this program with another non-specialist Biology program will not satisfy the min. 12.0 distinct credit requirement for a degree. Please choose programs and courses accordingly. 2. As part of your degree requirement the 'Biology for Health Sciences' Major would be academically complemented by a Major in Psychology, Anthropology, Exceptionality in Human Learning, Forensic Science, and Chemistry, as well as other disciplines such as the Major in Management. This major program would also be complemented by a Minor in Biomedical Communications (Science).

After: Limited Enrolment: Enrolment in the Major Program is limited to students who have completed 4.0 credits (including BIO152H5 and BIO153H5) and who have achieved a CGPA of at least 2.5. CGPA for enrolment into this program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable). 8.5 credits are required including at least 2.0 at the 300/400 level.

- BIO152H5, BIO153H5; CHM110H5, CHM120H5; MAT134Y5*/MAT135Y5/MAT137Y5
 - BIO202H5, BIO206H5, BIO207H5, BIO210Y5, BIO304H5, BIO310H5, BIO380H5; STA215H5
 - 1.0 credits from one of the following lists: Cell, Molecular, and Biotechnology Stream: BIO200H5, BIO314H5, BIO315H5, BIO360H5, BIO370Y5/ BIO371H5, BIO372H5, BIO374H5, BIO375H5, BIO475H5, BIO476H5, BIO477H5; JBC472H5 Neuroscience Stream: BIO320H5, BIO360H5, BIO403H5, BIO409H5, BIO411H5 Genes and Behaviour Stream: BIO315H5, BIO318Y5/ BIO328H5, BIO341H5, BIO360H5, BIO361H5, BIO405H5, BIO407H5, BIO443H5 *MAT134Y5 - Calculus for Life Sciences is highly recommended. NOTES: 1. Students should be aware of the distinct credit requirement for their degree (see section 8.6 - HBSc Degree Requirements for full details). Completion of this program with another non-specialist Biology program will not satisfy the min. 12.0 distinct credit requirement for a degree. Please choose programs and courses accordingly. 2. As part of your degree requirement the 'Biology for Health Sciences' Major would be academically complemented by a Major in Psychology, Anthropology, Exceptionality in Human Learning, Forensic Science, and Chemistry, as well as other disciplines such as the Major in Management. This major program would also be complemented by a Minor in Biomedical Communications (Science).

Program #7 ERMAJ1160 Psychology (Science)

Rationale for change: We are streamlining our second year course offerings and program requirements in order to: Provide more appropriate and consistent preparation for 3rd year courses. Provide greater consistency between instructors teaching different sections of single required courses. Alleviate overlap between 2nd and 3rd year courses. Be more consistent with St. George and other colleges and universities. This will be achieved by canceling PSY295H5 (we have third year course on same topic), moving PSY213H5 and 252H5 (most other colleges and universities offer these as 3rd year courses) to third year, and by amending 2nd and 3rd year program requirements to reflect these changes.

Before: Limited Enrolment: Enrolment in this program is limited to students who have:
 - completed ~~any~~ Gr.12(4U) ~~Mathematics~~ or equivalent;
 - completed 4.0 credits;
 - a grade of at least 63% in PSY100Y5; and
 - a minimum CGPA of 2.0. ~~*First year students applying to this program from 2014/15 will be required to have completed Grade 12(4U) Biology and Advanced Functions or equivalent.~~
 Students not initially meeting these requirements may be admissible after meeting the second-year requirements. Further information is available on the Psychology Department web site: www.utm.utoronto.ca/psychology
 Higher Years
 - PSY201H5/ BIO360H5/ ECO220Y5/227Y5/ SOC350H5/ STA218H5/220H5
~~- 2.5 credits from the following courses: 0.5 credit must be taken from each group-~~
~~- Biological Bases of Behaviour:~~
~~PSY252H5, 290H5, 295H5~~
~~- Perception/Cognition/Communication:~~
 PSY270H5, ~~274H5~~, 280H5

~~- Social/Personality/Abnormal:~~

PSY220H5, 230H5, 240H5

~~- Developmental:~~

~~PSY210H5, 213H5~~

- 1.5 credits from the following courses: 0.5 credit must be taken from each group:

- Biological Bases of Behaviour:

PSY318H5, 346H5, 351H5, 353H5, 354H5, 355H5, 362H5, 372H5, 393H5, 395H5, 397H5, 398H5;
BIO304H5, 310H5, 318Y5, 328H5

- Perception/Cognition/Communication: PSY312H5, 315H5, 316H5, 331H5, 351H5, 360H5, 362H5, 371H5, 372H5, 374H5, 376H5, 384H5, 385H5, 387H5, 393H5, 397H5

- Developmental/Abnormal/Social/Personality: PSY310H5, 311H5, 312H5, 315H5, 316H5, 318H5, 320H5, 321H5, 324H5, 325H5, 327H5, 328H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 345H5, 346H5, 353H5

- ~~4.0~~ additional ~~credit~~ in Psychology. At least 0.5 must be at the 300/400 level

After:

Limited Enrolment: Enrolment in this program is limited to students who have:

- completed Gr.12(4U) Biology and Advanced Functions or equivalent;

- completed 4.0 credits;

- a grade of at least 63% in PSY100Y5; and

- a minimum CGPA of 2.0. Students not initially meeting these requirements may be admissible after meeting the second-year requirements. Further information is available on the Psychology Department web site: www.utm.utoronto.ca/psychology

Higher Years

- PSY201H5/ BIO360H5/ ECO220Y5/227Y5/ SOC350H5/ STA218H5/220H5

- PSY210H5, 290H5

- one of the following:

PSY270H5, PSY274H5, 280H5

- one of the following:

PSY220H5, 230H5, 240H5

- 1.5 credits from the following courses: 0.5 credit must be taken from each group:

- Biological Bases of Behaviour:

PSY318H5, 346H5, 351H5, 353H5, 352H5, 354H5, 355H5, 362H5, 372H5, 393H5, 395H5, 397H5, 398H5;
BIO304H5, 310H5, 318Y5, 328H5

- Perception/Cognition/Communication: PSY312H5, 315H5, 316H5, 331H5, 351H5, 360H5, 362H5, 371H5, 372H5, 374H5, 376H5, 384H5, 385H5, 387H5, 393H5, 397H5

- Developmental/Abnormal/Social/Personality: PSY310H5, 311H5, 312H5, 313H5, 315H5, 316H5, 318H5, 320H5, 321H5, 324H5, 325H5, 327H5, 328H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 345H5, 346H5, 353H5

- 1.5 additional credits in Psychology. At least 0.5 must be at the 300/400 level

Program #8 ERMAJ1376 Chemistry (Science)

Rationale for change: Third year half-credit, full year lab courses have been split into TWO half-credit, half-year courses.

Before:

Year 2 CHM211H5, 231H5, 242H5, 243H5; **JCP221H5/CHM221H5**

Years 3 & 4 **CHM371H5/391H5/393H5; 3.0** additional 300/400 level CHM/JCP credits.

After:

Year 2 CHM211H5, 231H5, 242H5, 243H5; **JCP221H5**

Years 3 & 4 **(CHM372H5, 373H5)/(394H5, 395H5)/(396H5, 397H5); 2.5** additional 300/400 level CHM/JCP credits.

Program #9 ERMAJ1540 Statistics, Applied (Science)

Rationale for change: STA442H5 has been renumbered to STA441H5.

Before:

Third and Fourth Years 1.0 credit from (STA304H5, 312H5, 313H5, 413H5, 431H5, 437H5, **442H5**, 457H5, CSC322H5, 411H5; MAT302H5, 311H5, 332H5, 334H5, 344H5, 378H5); 0.5 credits from (STA courses, PSY201H5*; BIO360H5*; SOC350H5*; ECO220Y5*)

After:

Third and Fourth Years 1.0 credit from (STA304H5, 312H5, 313H5, 413H5, 431H5, 437H5, **441H5**, 457H5, CSC322H5, 411H5; MAT302H5, 311H5, 332H5, 334H5, 344H5, 378H5); 0.5 credits from (STA courses, PSY201H5*; BIO360H5*; SOC350H5*; ECO220Y5*)

Program #10 ERMAJ1883 Exceptionality in Human Learning (Science)

Rationale for change:

There will be a major increase in admission requirements to this program which may not be seen in this report due to initial intentions to cancel it which will be reconsidered and deferred to next year. Previously, we required 63% in PSY100Y5 and a CGPA of 2.0. This is moving up to 75% and 2.7, respectively - the same standards as admission to the Specialist (though Specialists are not admitted until after 2nd year. The key reason is that departmental faculty feel that unless students qualify for admission to a Specialist they should be enrolled in two Majors or a Major and two Minors that are very different from one another. The Exceptionality and Psychology Majors have considerable overlap. Double Majoring in these two programs has become the choice of 29 or 51 EHL majors who either did not qualify to Specialize or who decided to take the majority of their courses in psychology while opting out of the more senior research labs and seminars required of Specialists. 24 of the 51 are enrolled in BIO Major or Minor programs similarly overlapping credits. This change will still allow those students interested in the Major to enroll - but not because they cannot gain admission to the Specialist. For reference, we have close to 1300 students enrolled in our programs including 1000 PSY Majors. There is also a slight change in second and third year course requirements as a result of the restructuring of our 2nd year course offerings which includes moving PSY213H5 to 3rd year. PSY240H5 (Abnormal PSY) is an extremely suitable addition to this program which focuses on child development, abnormal behaviour, and disability issues and probably should have been required in the past.

Before:

Limited Enrolment: Enrolment in this program is limited to students who have:
 - completed ~~any~~ Gr.12(4U) ~~Mathematics~~ or ~~equivalent~~;²
 - completed 4.0 credits;
 - a grade of at least ~~63%~~ in PSY100Y5;
 - successfully completed 1.0 credit from ~~BIO152H5/153H5/204H5/205H5/206H5/207H5~~; and
 - a minimum CGPA of ~~2.00~~. ~~* First year students applying to this program from 2014/15 will be required to have completed Gr.12(4U) Biology and Advanced Functions or equivalent.~~
 Students not initially meeting these requirements may be admissible after meeting the second-year requirements. Further information is available on the Psychology Department website:
 www.utm.utoronto.ca/psychology7.0 credits are required; including at least 2.0 300/400 level courses
 First ~~Year~~ PSY100Y5; 1.0 credit from (BIO152H5, ~~BIO153H5~~), 204H5, 205H5, 206H5, 207H5

Higher ~~Years~~
 - PSY201H5/ BIO360H5/ ~~ECO220Y5/227Y5/ SOC350H5/ STA218H5/220H5/~~
 - PSY210H5, ~~213H5~~
 - 2.5 credits from the following: PSY310H5, 311H5, 312H5, 315H5, 316H5, 318H5, 319H5, 321H5, 325H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, ~~345H5~~, 346H5, 353H5, 374H5, 376H5, 384H5, 385H5, 393H5
 - 1.0 additional credit from the following: BIO204H5, 205H5, 206H5, 207H5, 210Y5, 215H5, ~~304H5~~, 315H5, 341H5, 370Y5, 371H5, 372H5, 380H5, 403H5, 407H5, 443H5, 476H5, 477H5; ~~ANT203Y6~~, 331H5, 332H5, 334H5, 339Y5; PSL201Y1

After:

Limited Enrolment: Enrolment in this program is limited to students who have:
 - completed Gr.12(4U) Biology and Advanced Functions or equivalent;
 - completed 4.0 credits;
 - a grade of at least 75% in PSY100Y5; and
 - successfully completed 1.0 credit from BIO152H5/ 153H5/ 204H5/ 205H5/ 206H5/ 207H5; and
 - a minimum CGPA of 2.7 Students not initially meeting these requirements may be admissible after meeting the second-year requirements. Further information is available on the Psychology Department website: www.utm.utoronto.ca/psychology7.0 credits are required; including at least 2.0 300/400 level courses
 First Year: PSY100Y5; 1.0 credit from (BIO152H5, BIO153H5), 204H5, 205H5, 206H5, 207H5
 Higher Years: 1. PSY201H5/ BIO360H5/ ECO220Y5/ 227Y5/ SOC350H5/ STA218H5/ 220H5/
2. PSY210H5, 240H5
3. 2.5 credits from the following: PSY310H5, 311H5, 312H5, 313H5, 315H5, 316H5, 318H5, 319H5, 321H5, 325H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 346H5, 353H5, 374H5, 376H5, 384H5, 385H5, 393H5
4. 1.0 additional credit from the following: BIO204H5, 205H5, 206H5, 207H5, 210Y5, 215H5, 315H5, 341H5,

370Y5, 371H5, 372H5, 375H5, 380H5, 403H5, 407H5, 434H5, 443H5, 476H5, 477H5; ANT202H5, 203H5, 203Y5, 331H5, 332H5, 333H5, 334H5, 339Y5; PSL201Y1

Program #11 ERMAJ2364 Biology (Science)

Rationale for change: Changes reflect curriculum changes to be implemented for 2014-15.

Before: Limited Enrolment: Enrolment in the Major program is limited to students who have completed 4.0 credits (including BIO152H5 and BIO153H5) and who have achieved a CGPA of at least ~~2.0-7.0~~ credits are required including at least 2.0 at the 300/400 level.
~~- (CHM110H5, 120H5) CHM140Y5; MAT134Y5*/ 135Y5/ 137Y5~~
~~- BIO152H5, 153H5, 204H5, 205H5, 206H5, 207H5~~
 - 2.0 in Biology from the 300 or 400 level. *MAT134Y5 - Calculus for Life Sciences is highly recommended.
 Notes:
 - Students should be aware of the distinct credit requirement for their degree (see section 8.6 - HBSc Degree Requirements for full details). Completion of this program with another non-specialist Biology program will not satisfy the min. 12.0 distinct credit requirement for a degree. Please choose programs and courses accordingly.
~~- Although BIO215H5 is not required for a Biology Major, it is a prerequisite for many cell and molecular courses at the 300 level. Students should consider carefully which 300/400 level courses they intend to take.~~
 - PSL201Y1, offered on the St. George campus, will not meet the Physiology requirements for the Biology Major program and ~~may not be substituted for BIO204H5.~~
 - Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program.
 - Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.

After: Limited Enrolment: Enrolment in the Major program is limited to students who have completed 4.0 credits (including BIO152H5 and BIO153H5) and who have achieved a CGPA of at least 2.0. CGPA for enrolment into this program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable).8.0 credits are required including at least 2.0 at the 300/400 level.
~~- BIO152H5, BIO153H5; CHM110H5, CHM120H5; MAT134Y5*/ MAT135Y5/ MAT137Y5~~
~~- BIO202H5, BIO203H5; BIO205H5, BIO206H5, BIO207H5; STA215H5~~
 - 2.0 in Biology from the 300 or 400 level. *MAT134Y5 - Calculus for Life Sciences is highly recommended.
 Notes:
 - Students should be aware of the distinct credit requirement for their degree (see section 8.6 - HBSc Degree Requirements for full details). Completion of this program with another non-specialist Biology program will not satisfy the min. 12.0 distinct credit requirement for a degree. Please choose programs and courses accordingly.
 - PSL201Y1, offered on the St. George campus, will not meet the Physiology requirements for the Biology Major program and cannot be used for this program.
 - Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program.
 - Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.

6

Program #12 ERMAJ2511 Mathematical Sciences (Science)

Rationale for change: MAT137, being a more rigorous course than MAT134 and MAT135, provides a better preparation for higher level math courses.

Before: **Note:** Students enrolled in this program may participate in the PEY program. For more information visit www.pey.utoronto.ca

After: **NOTES:**
- MAT137Y5 is highly recommended.
 - Students enrolled in this program may participate in the PEY program. For more information visit www.pey.utoronto.ca

Program #13 ERMIN0305 Geographical Information Systems (Science)

Rationale for change: new GIS courses are added as options for students

Before:

Third Year 1.5 credits from the following:
GGR311H5, 321H5, 337H5, 370H5, 372H5, 380H5

After:

Third Year 1.5 credits from the following:
GGR311H5, 321H5, **322H5, 335H5**, 337H5, 370H5, 372H5, 380H5

Program #14 ERMIN0840 Biomedical Communications (Science)

Rationale for change:

Changes reflect curriculum changes to be implemented in 2014-15.

Before:

Limited Enrolment:

- Enrolment in this program requires concurrent enrolment in a science major + additional minor or a specialist program.
- A minimum CGPA of 2.20 4.0 credits are required including:
 - BIO152H5, ~~153H5~~
 - HSC200H5
 - 2.5 credits from HSC300H5, ~~301H5, 302H5, 401H5, 402H5, 403H5, 404H5, 405H5, 406H5~~

After:

Limited Enrolment:

- Enrolment in this program requires concurrent enrolment in a science major + additional minor or a specialist program. A minimum CGPA of 2.20 is required. CGPA for enrolment into this program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable). 4.0 credits are required including:
 - BIO152H5, BIO153H5
 - HSC200H5
 - 2.5 credits from HSC300H5, HSC301H5, HSC302H5, HSC401H5, HSC402H5, HSC403H5, HSC404H5, HSC405H5, HSC406H5

Program #15 ERMIN1061 Environmental Science (Science)

Rationale for change:

We wanted to identify a clear core for the program (with changes/additions at the 3rd year) and reduce course options that were not aligned with focus of the program/not required for upper-level course. We now offer more ENV courses, and other units offer enough ENV-focused courses that some of the options are no longer needed to ensure students can get enough credits.

Before:

- Second Year: 2.0 credits
- Environmental Management Perspectives: ENV201H5
 - Biological & Ecological Perspectives: 0.5 credit chosen from this list: **BIO200H5, 201H5, 204H5**, 205H5, 206H5
 - Geographical & Earth Science Perspectives: 1.0 credit chosen from this list: **GGR214H5**, 217H5, 227H5; ERS201H5, 202H5, 203H5
- Upper Years: 1.0 credit
- Field, Experiential & Research Perspectives: 0.5 credit chosen from this list: ANT318H5; BIO313H5, 329H5, 416H5; ERS325H5; ENV299Y5, 399Y5; **GGR317H5 (with field trip option), 379H5**; SCI395H5, 396H5; or another program-relevant Field, Experiential, or Research course, with permission of the Program Advisor
 - Biogeochemical Perspectives: 0.5 credit chosen from this list: BIO311H5, 330H5, 333H5, 373H5; CHM311H5, 333H5, 347H5, 361H5, 362H5, 391H5, 393H5; ENV495H5, 496H5; ERS315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 312H5, 315H5, 316H5, 317H5, **321H5, 337H5**, 338H5, 372H5, 375H5, 377H5, 378H5; **PHY331H5, 332H5**

After:

- Second Year: 2.0 credits
- Environmental Management Perspectives: ENV201H5
 - Biological & Ecological Perspectives: 0.5 credit chosen from this list: **BIO202H5, 203H5**, 205H5, 206H5

- Geographical & Earth Science Perspectives: 1.0 credit chosen from this list: **GGR201H5, 214H5**, 217H5, 227H5; ERS201H5, 202H5, 203H5

Upper Years: 1.0 credit

- Field, Experiential & Research Perspectives: 0.5 credit chosen from this list: ANT318H5; BIO313H5, 329H5, 416H5; ERS325H5; ENV299Y5, **330H5**, 399Y5; **GGR379H5**; SCI395H5, 396H5; or another program-relevant Field, Experiential, or Research course, with permission of the Program Advisor
 - Biogeochemical Perspectives: 0.5 credit chosen from this list: BIO311H5, 330H5, 333H5, 373H5; CHM311H5, 333H5, 347H5, 361H5, 362H5, 391H5, 393H5; ENV495H5, 496H5; ERS315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 312H5, 315H5, 316H5, 317H5, 338H5, 372H5, **374H5**, 375H5, 377H5, 378H5; **PHY331H5**

Program #16 ERMIN1160 Psychology (Science)

Rationale for change: We are streamlining our second year course offerings and program requirements in order to: Provide more appropriate and consistent preparation for 3rd year courses. Provide greater consistency between instructors teaching different sections of single required courses. Alleviate overlap between 2nd and 3rd year courses. Be more consistent with St. George and other colleges and universities. This will be achieved by canceling PSY295H5 (we have third year course on same topic), moving PSY213H5 and 252H5 (most other colleges and universities offer these as 3rd year courses) to third year, and by amending 2nd and 3rd year program requirements to reflect these changes.

Before: Limited Enrolment: Enrolment in this program is limited to students who have:
 - completed ~~any~~ Gr.12(4U) ~~Mathematics or equivalent~~;
 - completed 4.0 credits;
 - a grade of at least 63% in PSY100Y5; and
 - a minimum CGPA of 2.0 ~~First year students applying to this program from 2014/15 will be required to have completed Grade 12(4U) Biology and Advanced Functions or equivalent.~~
Students not initially meeting these requirements may be admissible after meeting the second-year requirements. Further information is available on the Psychology Department website:
 www.utm.utoronto.ca/psychology
 Higher Years
 - PSY201H5/ BIO360H5/ ECO220Y5/227Y5/ SOC350H5/ STA218H5/220H5
~~- 1.5 credits from the following courses:
 0.5 credit must be taken from each group:~~
~~- **Biological Bases of Behaviour: PSY252H5, 290H5, 295H5**~~
~~- **Perception/Cognition/Communication: PSY270H5, 274H5, 280H5**~~
~~- **Developmental/Abnormal/ Social/Personality: PSY210H5, 213H5, 220H5, 230H5, 240H5**~~
 - 1.0 credit in PSY at the 300 level.

After: Limited Enrolment: Enrolment in this program is limited to students who have:
 - completed Gr.12(4U) **Biology and Advanced Functions** or **equivalent**;
 - completed 4.0 credits;
 - a grade of at least 63% in PSY100Y5; and
 - a minimum CGPA of 2.0
Students not initially meeting these requirements may be admissible after meeting the second-year requirements. Further information is available on the Psychology Department website:
 www.utm.utoronto.ca/psychology
 Higher Years
 - PSY201H5/ BIO360H5/ ECO220Y5/227Y5/ SOC350H5/ STA218H5/220H5
~~- **PSY290H5**~~
~~- **one of the following: PSY270H5, PSY274H5, 280H5**~~
~~- **one of the following: PSY210H5, 220H5, 230H5, 240H5**~~
 - 1.0 credit in PSY at the 300 level.

Program #17 ERMIN1540 Statistics, Applied (Science)

Rationale for change: No longer necessary since all listed courses indicate STA256 as an exclusion.

Before: NOTES:

- ECO220Y5 cannot be substituted for STA256H5 and/or STA258H5 and/or STA260H5.
- ECO227Y5 can be substituted for STA256H5 and 258H5, but not for STA260H5.

- Courses marked with an asterisk (*) are counted for credit only if they are completed prior to completion of STA256H5.

After: NOTES:

- ECO220Y5 cannot be substituted for STA256H5 and/or STA258H5 and/or STA260H5.
- ECO227Y5 can be substituted for STA256H5 and 258H5, but not for STA260H5.

Program #18 ERMIN2364 Biology (Science)

Rationale for change: Changes reflect curriculum changes to be implemented in 2014-15.

Before: Program requirements:

- BIO152H5, **153H5**
- two courses from (**BIO204H5 or 210Y5**), **205H5, 206H5, 207H5**
- 2.0 additional Biology credits, at least 1.0 at the 300/400 level. NOTE:

- **Three** of the **five** courses in requirement 2 (above) require (**CHM110H5, 120H5**)/**CHM140Y5** as a pre-requisite.

- If BIO210Y5 is used to complete requirement #2 above, please note that this counts as ONE course. Another course from the list must be completed to fulfill the program requirements.

After: Program requirements:

- BIO152H5, **BIO153H5**
- two courses from **BIO202H5, BIO203H5, BIO205H5, BIO206H5, BIO207H5, BIO210Y5**
- 2.0 additional Biology credits, at least 1.0 at the 300/400 level. NOTE:

- **Four** of the **six** courses in requirement 2 (above) require **CHM110H5, CHM120H5** as a pre-requisite.

- If BIO210Y5 is used to complete requirement #2 above, please note that this counts as ONE course. Another course from the list must be completed to fulfill the program requirements.

Program #19 ERSPE0105 Anthropology (Science)

Rationale for change: Update in course requirements since ANT203Y5 has been divided into 2 half courses. In addition, ANT208H5 and ANT209H5 were removed from the 200 level list of courses for program options--these courses are not offered every year, and are not intended to be core courses.

Before:

- Second Year 1. ANT(200H5, 201H5), **203Y5**
2. ANT204H5 and 0.5 from **ANT206H5/207H5/208H5/209H5**

After:

- Second Year 1. ANT(200H5, 201H5), **ANT(202H5, 203H5)**
2. ANT204H5 and 0.5 from **ANT206H5/207H5**

Program #20 ERSPE0482 Comparative Physiology (Science)

Rationale for change: Changes reflect curriculum changes to be implemented in 2014-15.

Before: Limited Enrolment: Enrolment in this program is limited. Students wishing to enrol at the end of the first year (4.0 credits) must obtain a grade of at least 65% in ~~CHM140Y5~~ and a cumulative grade point average of at least 2.50 to qualify. Students enrolling after completing 8.0 credits must have achieved a grade of at least 70% in ~~BIO204H5~~ and a cumulative grade point average of at least 2.50. Within an Honours degree, ~~14.0~~ credits are required, including at least 5.0 at the 300/400 level, of which 1.0 must be at the 400

~~level.BIO152H5, 153H5 are prerequisites for most 300 level BIO courses and should be completed by the end of second year.No~~ substitute statistics course will be allowed for BIO360H5. Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program. Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.

First Year

- BIO152H5, ~~153H5; (CHM110H5, 120H5) CHM140Y5; MAT134Y5/135Y5/137Y5~~
 - 1.0 credit from the following: CLA201H5; ENV100Y5; ERS120H5; ~~(PHY136H5, 137H5) PHY135Y5,~~
 PSY100Y5; WRI203H5, ~~307H5~~

Second Year ~~BIO204H5, 205H5, 206H5, 207H5, 210Y5, 215H5~~

Third and Fourth Years

- BIO304H5, ~~310H5, 312H5, 360H5, 409H5; (CHM242H5, 243H5)~~
 - At least 2.0 credits from: BIO354H5, ~~361H5, 372H5, 410H5, 411H5, 434H5, 481Y5;~~ CHM361H5,
~~362H5;~~ JCB487Y5; PHY332H5, ~~333H5, 333H5;~~ PSY290H5, ~~395H5~~
 - 1.0 additional BIO credit

After:

Limited Enrolment: Enrolment in this program is limited. Students wishing to enrol at the end of the first year (4.0 credits) must obtain a grade of at least 65% in both CHM110H5 and CHM120H5 and a cumulative grade point average of at least 2.50 to qualify. Students enrolling after completing 8.0 credits must have achieved a grade of at least 70% in both BIO202H5 and BIO203H5 and a cumulative grade point average of at least 2.50. Within an Honours degree, 14.5 credits are required, including at least 5.0 at the 300/400 level, of which 1.0 must be at the 400 level.CGPA for enrolment in this program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable). No substitute statistics course will be allowed for BIO360H5. Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program. Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.

First Year

- BIO152H5, BIO153H5; CHM110H5, CHM120H5; MAT134Y5/ MAT135Y5/ MAT137Y5
 - 1.0 credit from the following: CLA201H5; ENV100Y5; ERS120H5; PHY136H5, PHY137H5, PSY100Y5;
 WRI203H5, WRI307H5

Second Year BIO202H5, BIO203H5, BIO205H5, BIO206H5, BIO207H5, BIO210Y5; STA215H5

Third and Fourth Years

- BIO304H5, BIO310H5, BIO312H5, BIO360H5, BIO409H5; CHM242H5, CHM243H5
 - At least 2.0 credits from: BIO320H5, BIO354H5, BIO361H5, BIO372H5, BIO410H5, BIO411H5,
BIO412H5, BIO481Y5; CHM361H5, CHM362H5; JCB487Y5; PHY332H5, PHY333H5, PHY333H5;
 PSY290H5, PSY395H5
 - 1.0 additional BIO credit

Program #21 ERSPE0509 Geology (Science)

Rationale for change: Yr 1: STA257H5, 261H5 are no longer offered. STA220H5, 221H5 are more appropriate for Geology Specialists. Yr 2: ERS313H5 (Sedimentology) is a new course based on fundamental geological concept necessary to a Geology specialist. PHY247H5 has been deleted by the Physics discipline since it has not been offered for many years. This course is not required for this program. CHM221H5 was renamed to JCP221H5 several years ago and now only JCP221H5 will be listed. Yr 3: This change allows UTM students to take more courses at UTM rather than completing similar requirements on the St. George campus in their 3rd year. Yr 4: JCB487Y5 (Advanced Interdisciplinary Research Laboratory - AIRLab) and JCP498H5 (Teaching Opportunity Program in Sciences) added to the Geology Specialist program. JCB487Y5 is a multidisciplinary course and is already offered in all sub disciplines in the department of Chemical and Physical Sciences. Earth Science is now part of this initiative as well. JCP498H5 is a new initiative allowing geology specialists to gain valuable teaching experience and allow students to remain longer at UTM for their course work. Geology St. G. (GLG) was renamed Earth Sciences (ESS) and all the GLG course numbers have been replaced by the equivalent ESS course numbers by the Earth Sciences department.

Before:

First Year CHM140Y5/(110H5,120H5); ~~ENV100Y5/ (ERS103H5,~~ 120H5); MAT134Y5/135Y5/137Y5;
 PHY135Y5/(136H5,137H5)
 Second Year ERS201H5, 202H5, 203H5; 0.5 credit from GGR217H5, 214H5; ~~PHY237H5;~~ AST252H5;
 BIO356H5; ~~GLG217H1;~~ 1.0 credit from CHM211H5, ~~221H5/JCP221H5,~~ 231H5; 1.0 credit from
 MAT212H5, 223H5; ~~STA257H5, 261H5~~
 Third Year ~~ERS325H5; GLG318H1, 345H1, 351H1, 360H1; ENV315H1~~
 Fourth Year 1. ~~GLG445H1~~
 2. 2.5 credits from ~~GLG(G) and ERS 400 level courses.~~

After:

First Year CHM140Y5/(110H5,120H5); ENV100Y5/(ERS103H5, 120H5); MAT134Y5/135Y5/137Y5; PHY135Y5/(136H5,137H5)
 Second Year ERS201H5, 202H5, 203H5; 0.5 credit from GGR217H5, 214H5; AST252H5; BIO356H5; ESS261H1; 1.0 credit from CHM211H5, JCP221H5, 231H5; 1.0 credit from MAT212H5, 223H5; STA220H5, 221H5
 Third Year ERS313H5, 325H5 and 4 of (ERS315Y5, 319H5, 321Y5; ESS322H1, 311H1)
 Fourth Year 1. ESS420H1
 2. 2.5 credits from ERS and ESS 400 level courses OR (JCB487Y5/JCP498H5)

Program #22 ERSPE1009 Forensic Chemistry (Science)**Rationale for change:**

Change 16.0 to 17.0 program credits: incorporating Departmental BIO & CHM changes and addition of FSC CHM course required by accreditation. **First Year:** Add BIO152H5 as it is prerequisite to BIO 207H5. **Higher Years: 1. Deleted** BIO215H5 and **Added** BIO207H5 to incorporate BIO215H5 deletion. **2. deleted:** CHM371H5/391H5, 393H5 **Replaced/added:** CHM372H5/396H5, 394H5 to incorporate/reflect CHM course changes into our program. **Deleted** BIO360H/ option: due to STA change **3.Add** FSC311H5 Forensic Chemistry - required for FSC accreditation. General Housekeeping in "Notes" section to reflect new course number changes (FSC/CHM) in courses listed: **2. Corequisites for deleted**CHM371H5 **-replaced/added** CHM372H5 are **3. ...from the following list: deleted**FSC310H5 it is no longer offered, **deleted**FSC306H5; **added/renumbered courses:** FSC315H5, 406H5, FSC407H5

Before:

Within an Honours degree, **16.0** credits are required. This program is accredited by the Canadian Society for Chemistry.NOTES:

- Students are strongly advised to consult the program advisor regarding their program of study.
 - Corequisites for CHM371H5 are CHM361H5, 362H5.
 - Students are strongly urged to take as many forensic sciences courses as possible from the following list: ANT205H5, 306H5; BIO338H5; **FSC306H5, 310H5, 350H5, 361H5**; PSY328H5, 344H5.
 - 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.
 - Prospective students already holding a degree in Chemistry, cannot complete a Forensic Chemistry Specialist Program due to the overlap of course content for courses already completed in their first specialty.
 - 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.
- First Year CHM140Y5/(CHM110H5, 120H5); FSC239Y5; MAT134Y5/135Y5/137Y5; PHY135Y5/(PHY136H5, 137H5)
 Higher Years
- BIO200H5, 206H5, **215H5**; CHM211H5; JCP221H5, CHM231H5, 242H5, 243H5; FSC271H5
 - CHM311H5, 331H5/333H5, 341H5/345H5, 361H5, **371H5/391H5, 393H5**;
BIO360H5/STA220H5
 - FSC300H5, 302H5, 360H5, 402H5
 - CHM414H5, 416H5
 - FSC481Y5 (with chemistry focus)

After:

Within an Honours degree, **17.0** credits are required. This program is accredited by the Canadian Society for Chemistry.NOTES:

- Students are strongly advised to consult the program advisor regarding their program of study.
- Corequisites for CHM371H5 are CHM361H5, 362H5.
- Students are strongly urged to take as many forensic sciences courses as possible from the following list: ANT205H5, 306H5; BIO338H5; **FSC315H5, 350H5, 406H5, 407H5**; PSY328H5, 344H5.
- 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.
- Prospective students already holding a degree in Chemistry, cannot complete a Forensic Chemistry Specialist Program due to the overlap of course content for courses already completed in their first specialty.
- 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.

First Year CHM140Y5/(CHM110H5, 120H5); **BIO152H5**, FSC239Y5; MAT134Y5/135Y5/137Y5;
PHY135Y5/(PHY136H5, 137H5)

Higher Years

- BIO200H5, 206H5, **207H5**; CHM211H5; JCP221H5, CHM231H5, 242H5, 243H5; FSC271H5
- CHM311H5, 331H5/333H5, 341H5/345H5, 361H5, **372H5/396H5, 394H5; STA220H5**
- FSC300H5, 302H5, 360H5, **311H5**, 402H5
- CHM414H5, 416H5
- FSC481Y5 (with chemistry focus)

Program #23 ERSPE1020 Ecology and Evolution (Science)

Rationale for change: Changes reflect curriculum changes proposed for 2014-15.

Before: Within an honours degree, ~~13.5~~ full course equivalents are required, including at least 6.0 at 300/400 level, of which 1.5 full course must be at the 400 ~~level.~~~~No~~ substitute statistics course will be allowed for BIO360H5. Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program. Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.

First year

- BIO152H5, ~~153H5; (CHM110H5, 120H5) CHM140Y5; MAT134Y5/135Y5/137Y5~~
- 1.0 credit from the following: ~~CLA201H5, CSC108H5, 148H5;~~ ENV100Y5; ERS120H5; ~~(PHY136H5, 137H5) PHY135Y5;~~ PSY100Y5; WRI203H5, ~~307H5~~

Second year ~~BIO204H5, 205H5, 206H5, 207H5~~

Third and Fourth years

- BIO313H5 and BIO342H5
- BIO360H5
- 1.0 credit from courses in organismal biology: BIO325H5, ~~338H5, 335H5, 354H5, 356H5, 370Y5~~
- 0.5 credit from field courses: BIO416H5, other 2-week OUPFB** Field Courses
- 2.5 credits from core ecology/evolutionary biology courses: BIO311H5, ~~329H5, 330H5, 333H5, 339H5, 341H5, 361H5, 373H5, 406H5, 445H5, 443H5, 464H5,~~ GGR312H5
- 1.0 credits from other biology ~~courses: BIO215H5, 310H5, 312H5, 314H5, 318Y5, 371H5, 372H5, 407H5, 409H5, 410H5, 434H5, 481Y5; JCB487Y5~~
- 1.0 credit from related courses from other departments: MAT212H5, ~~222H5, 232H5;~~ STA302H5, 322H5; GGR227H5, ~~278H5~~ (formerly ~~GGR261~~), GGR305H5, ~~307H5, 309H5, 311H5,~~ or from courses listed in #4, #5 and #6

** Ontario Universities Program in Field Biology

After: Within an honours degree, **14.5** full course equivalents are required, including at least 6.0 at 300/400 level, of which 1.5 full course must be at the 400 level.CGPA for enrolment into the program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/NCR courses are not applicable). ~~No~~ substitute statistics course will be allowed for BIO360H5. Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program. Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.

First year

- BIO152H5, BIO153H5; CHM110H5, CHM120H5; MAT134Y5/ MAT135Y5/ MAT137Y5
- 1.0 credit from the following: CLA201H5; ENV100Y5; ERS120H5; PHY136H5, PHY137H5; PSY100Y5; WRI203H5, WRI307H5

Second year BIO202H5, BIO203H5, BIO205H5, BIO206H5, BIO207H5

Third and Fourth years

- BIO313H5 and BIO342H5
- STA215H5 and BIO360H5
- 1.0 credit from courses in organismal biology: BIO325H5, BIO338H5, BIO326H5, BIO335H5, BIO354H5, BIO356H5, BIO370Y5/ BIO371H5
- 0.5 credit from field courses: BIO416H5, other 2-week OUPFB** Field Courses
- 2.5 credits from core ecology/evolutionary biology courses: BIO311H5, BIO330H5, BIO331H5, BIO333H5, BIO339H5, BIO341H5, BIO361H5, BIO373H5, BIO406H5, BIO445H5, BIO443H5, BIO464H5; GGR312H5
- 1.0 credits from other biology courses at the 300/ 400 level.
- 1.0 credit from related courses from other departments: MAT212H5, MAT222H5, MAT232H5; STA302H5, 322H5; GGR227H5, GGR278H5 (formerly GGR261H5), GGR305H5, GGR307H5, GGR309H5, GGR311H5, or from courses listed in #4, #5 and #6

** Ontario Universities Program in Field Biology

Program #24 ERSPE1025 Astronomical Sciences (Science)**Rationale for change:** Statistics has changed the course number STA257H5 to STA256H5**Before:**Fourth Year AST425Y1(G); JCP421H5, PHY451H5, **STA220H5/257H5****After:**Fourth Year AST425Y1(G); JCP421H5, PHY451H5, **STA220H5/256H5**

Program #25 ERSPE1061 Environmental Science (Science)**Rationale for change:** We wanted to identify a clear core for the program (with changes/additions at the 3rd year) and reduce course options that were not aligned with focus of the program/not required for upper-level course. We now offer more ENV courses, and other units offer enough ENV-focused courses that some of the options are no longer needed to ensure students can get enough credits.**Before:**

First Year: 4.0 credits

- Introduction: ENV100Y5

- Quantitative Foundation: 1.0 credit chosen from this list: ~~CSC108H5, 148H5~~; MAT134Y5, 135Y5, 137Y5- Basic Scientific Foundation: 2.0 credits chosen from this list: ~~ANT101H5~~; BIO152H5, 153H5; ~~ERS103H5, 120H5~~; CHM110H5, 120H5; GGR112H5; PHY135Y5, 136H5, 137H5

Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.

Second Year: 4.0 credits

- Biological & Ecological Perspectives: 0.5 credit chosen from this list: ~~BIO200H5, 204H5~~; 205H5, ~~206H5, 245H5~~- ~~Environmental Management Perspectives: ENV201H5~~- Geographical Perspectives: 0.5 credit from the following: ~~GGR214H5~~; 217H5, 227H5

- Earth Science Perspectives: ERS201H5

- Physical & Chemical Perspectives: 1.0 credit chosen from this list: CHM231H5, 242H5; JCP221H5; ERS202H5, 203H5; PHY237H5

- Analytical & Research Methods: 1.0 credit chosen from this list: BIO360H5, 361H5; CHM211H5; GGR276H5, 277H5, 278H5, 337H5, 380H5; STA220H5, 221H5; or another program-relevant 200/300-level Research Methods course (SCI), with permission of the Program Advisor

Upper Years: 4.0 credits

- Field Perspectives: ~~1.0~~ credit chosen from this list: ANT318H5; BIO313H5, 329H5, 416H5; ERS325H5; ENV331H5; ~~GGR317H5 (with field trip option), 370H5~~; 390H1; or another program-relevant Field course (SCI), with permission of the Program Advisor- Experiential & Research Perspectives: 1.0 credit chosen from this list: BIO400Y5; ~~ENV232H5~~; 399Y5, ~~400Y5~~; 497H5, 498Y5; GGR417Y5; SCI395H5, 396H5, 498H5, 499H5; or another program-relevant Experiential or Research course (SCI), with permission of the Program Advisor- Biogeochemical Perspectives: 1.5 credits chosen from this list: BIO311H5, 312H5, 318Y5, 328H5, 330H5, 333H5, 373H5, 405H5, 406H5, 436H5, 464H5; CHM310H1, 311H5, 331H5, 333H5, 347H5, 361H5, 362H5, 391H5, 393H5, 416H5; ENV490H5, 491H5, 495H5, 496H5; ERS315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 312H5, 315H5, 316H5, 317H5, ~~321H5, 337H5~~; 338H5, 372H5, 375H5, 377H5, 378H5, 403H1, 406H5, 407H5, 409H1, 413H1, 463H5, 464H5, 479H5; ~~PHY331H5, 332H5~~- Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, ~~368H5, 370H5~~; ECO373Y5; ~~ENG259H5~~; ENV250Y5, 393H5; ~~GGR320H5~~; 333H5, 345H5, 348H5, 349H5, 361H5, 365H5, 367H5, 369H5, 370H5, ~~378H5, 380H5~~; HIS318H5, 319H5; MGT394H5; PHL273H5, 373H1; POL343Y5; SOC226H5, 339H5, ~~349H5~~; 356H5; WRI375H5

Note: ENV490H5, 491H5 can substitute for #1, #2, #3, or #4 as course requirements, where appropriate, and with permission of the Program Advisor or Academic Counsellor.

After:

First Year: 4.0 credits

- Introduction: ENV100Y5

- Quantitative Foundation: 1.0 credit chosen from this list: MAT134Y5, 135Y5, 137Y5

- Basic Scientific Foundation: 2.0 credits chosen from this list: BIO152H5, 153H5; CHM110H5, 120H5; GGR112H5; PHY135Y5, 136H5, 137H5

Be sure to look ahead and plan to complete the prerequisites for any upper-level courses that are of interest to you.

Second Year: 4.0 credits

- **Environmental Management Perspectives: ENV201H5**

- Biological & Ecological Perspectives: 0.5 credit chosen from this list: **BIO202H5, 203H5, 205H5, 206H5**

- Geographical Perspectives: 0.5 credit from the following: **GGR201H5, 214H5, 217H5, 227H5**

- Earth Science Perspectives: ERS201H5

- Physical & Chemical Perspectives: 1.0 credit chosen from this list: CHM231H5, 242H5; JCP221H5; ERS202H5, 203H5; PHY237H5

- Analytical & Research Methods: 1.0 credit chosen from this list: BIO360H5, 361H5; CHM211H5; GGR276H5, 277H5, 278H5, 337H5, 380H5; STA220H5, 221H5; or another program-relevant 200/300-level Research Methods course (SCI), with permission of the Program Advisor

Upper Years: 4.0 credits

- **Environmental Science Core: ENV330H5**

- Field Perspectives: **0.5** credit chosen from this list: ANT318H5; BIO313H5, 329H5, 416H5; ERS325H5; ENV331H5; **GGR379H5, 390H1**; or another program-relevant Field course (SCI), with permission of the Program Advisor

- Experiential & Research Perspectives: 1.0 credit chosen from this list: BIO400Y5; **ENV332H5, 399Y5, 497H5, 498Y5; GGR417Y5; JEG400Y5, JEG401Y5**; SCI395H5, 396H5, 498H5, 499H5; or another program-relevant Experiential or Research course (SCI), with permission of the Program Advisor

- Biogeochemical Perspectives: 1.5 credits chosen from this list: BIO311H5, 312H5, 318Y5, 328H5, 330H5, 333H5, 373H5, 405H5, 406H5, 436H5, 464H5; CHM310H1, 311H5, 331H5, 333H5, 347H5, 361H5, 362H5, 391H5, 393H5, 416H5; ENV490H5, 491H5, 495H5, 496H5; ERS315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 312H5, 315H5, 316H5, 317H5, 338H5, 372H5, **374H5, 375H5, 377H5, 378H5, 403H1, 406H5, 407H5, 409H1, 413H1, 463H5, 464H5, 479H5; PHY331H5**

- Social, Economic & Policy Perspectives: 0.5 credit chosen from this list: ANT357H5, **368H5; ECO373Y5; ENV250Y5, 310H5, 320H5, 425H5, 393H5; GGR318H5, 329H5, 333H5, 345H5, 348H5, 349H5, 361H5, 365H5, 367H5, 369H5, 370H5, 378H5, 418H5, 419H5, 420H5; HIS318H5, 319H5; MGT394H5; PHL273H5, 373H1; POL343Y5; SOC226H5, 339H5, 356H5; WRI375H5**

Note: ENV490H5, 491H5 can substitute for #1, #2, #3, or #4 as course requirements, where appropriate, and with permission of the Program Advisor or Academic Counsellor.

Program #26 ERSPE1118 Biotechnology (Science)

Rationale for change: Changes reflect curriculum changes to be implemented for 2014-15.

Before: Limited Enrolment: Enrolment in this program is limited. Students who wish to enrol at the end of first year (4.0 credits) must obtain a grade of at least C (63%) in ~~(CHM110H5, 120H5)~~ **CHM140Y5** and a cumulative grade point average of at least 2.50 to qualify. Students who do not meet these criteria after first year can apply to enter the Specialist at the end of second year (8.0 credits) with the following new requirements: a grade of at least 70% in CHM242H5 and a cumulative grade point average of at least 2.50. *MAT134Y5 - Calculus for Life Sciences is highly recommended. **Please note that while MGM101H and ~~102H~~ are listed as first-year courses, students cannot enrol in these courses until they are admitted into the Specialist Program and therefore will be taking these courses in their 2nd, 3rd or 4th years of study **NOTE:** No substitute statistics course will be allowed for BIO360H5. It is recommended that students in this program consider taking a research project or internship course in either Biology (~~BIO400Y5/481Y5~~) or Chemistry (CHM489Y5). Other 4th-year courses directly relevant to this program are BIO443H5, ~~477H5,~~ CHM414H5 and CHM462H5. Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program. Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.
First Year BIO152H5, ~~153H5; (CHM110H5, 120H5)~~ **CHM140Y5; MAT134Y5*/135Y5/137Y5;** MGM101H5**, ~~102H5**~~
Second Year BIO200H5, ~~204H5, 206H5, 207H5, 215H5;~~ CHM211H5, ~~242H5, 243H5~~
Third and Fourth Years
- BIO314H5, ~~315H5, 360H5, 370Y5, 372H5, 374H5;~~ CHM311H5, ~~361H5;~~ JBC472H5
- 1.0 credit from: BIO304H5, ~~310H5, 312H5, 341H5, 375H5, 380H5, 409H5;~~ CHM333H5 (note: CHM231H5 is prerequisite for this course), CHM341H5, ~~345H5, 347H5, 362H5, 371H5~~
- 1.0 credit from CHM/BIO courses at the 400 level.

After: Limited Enrolment: Enrolment in this program is limited. Students who wish to enrol at the end of first year (4.0 credits) must obtain a grade of at least C (63%) in **both CHM110H5 and CHM120H5** and a cumulative grade point average of at least 2.50 to qualify. Students who do not meet these criteria after first year can apply to enter the Specialist at the end of second year (8.0 credits) with the following new requirements: a grade of at least 70% in CHM242H5 and a cumulative grade point average of at least 2.50. *MAT134Y5 - Calculus for Life Sciences is highly recommended. **Please note that while MGM101H and **MGM102H** are listed as first-year courses, students cannot enrol in these courses until they are admitted into the Specialist Program and therefore will be taking these courses in their 2nd, 3rd or 4th years

of study CGPA for enrolment into this program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable).

NOTE: No substitute statistics course will be allowed for BIO360H5. It is recommended that students in this program consider taking a research project or internship course in either Biology (BIO400Y5/BIO481Y5) or Chemistry (CHM489Y5). Other 4th-year courses directly relevant to this program are BIO443H5, BIO476H5, BIO477H5, CHM414H5 and CHM462H5. Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program. Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.

First Year BIO152H5, BIO153H5; CHM110H5, CHM120H5; MAT134Y5/ MAT135Y5/ MAT137Y5; MGM101H5**, MGM102H5**

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

Third and Fourth Years

- BIO314H5, BIO315H5, BIO360H5, BIO370Y5, BIO372H5, BIO374H5; CHM311H5, CHM361H5; JBC472H5

- 1.0 credit from: BIO304H5, BIO310H5, BIO312H5, BIO341H5, BIO375H5, BIO380H5, BIO409H5; CHM333H5 (note: CHM231H5 is prerequisite for this course), CHM341H5, CHM345H5, CHM347H5, CHM362H5, CHM372H5, CHM373H5

- 1.0 credit from CHM/BIO courses at the 400 level.

Program #27 ERSPE1160 Psychology (Science)

Rationale for change: We are streamlining our second year course offerings and program requirements in order to: Provide more appropriate and consistent preparation for 3rd year courses. Provide greater consistency between instructors teaching different sections of single required courses. Alleviate overlap between 2nd and 3rd year courses. Be more consistent with St. George and other colleges and universities. This will be achieved by canceling PSY295H5 (we have third year course on same topic), moving PSY213H5 and 252H5 (most other colleges and universities offer these as 3rd year courses) to third year, and by amending 2nd and 3rd year program requirements to reflect these changes.

Before: Limited Enrolment: Enrolment in this program is limited to students who have:
 - completed ~~any~~ Gr.12(4U) ~~Mathematics or equivalent**~~;
 - completed 8.0 credits;
 - at least 77% as the average of PSY201H5, 202H5, and at least 1.5 FCE in 200 series PSY courses; and
 - a minimum CGPA of 3.0. ~~**Students applying to this program from 2014/15 will be required to have completed Grade 12(4U) Biology and Advanced Functions or equivalent.~~ Psychology Department website: www.utm.utoronto.ca/psychology
 Second Year
 - (PSY201H5, 202H5)/(BIO360H5, 361H5)/(ECO220Y5/227Y5)/(STA220H5, 221H5)
 - ~~2.5 credits from the following courses: 0.5 credit must be taken from each of the following groups and one additional 0.5 credit from groups a) or b)~~

~~- **Biological Bases of Behaviour:**~~

~~- **PSY252H5, 290H5, 295H5**~~

~~- **Perception/Cognition/Communication:**~~

~~PSY270H5, PSY274H5, 280H5~~

~~- **Social/Personality/Abnormal:**~~

~~PSY220H5, 230H5, 240H5~~

~~- **Developmental:**~~

~~- **PSY210H5, 213H5**~~

Third Year

- PSY309H5

- One laboratory course from the following:

PSY319H5, 329H5, 379H5, 399H5

- 2.5 credits from the following courses: 0.5 credit must be taken from each group:

- Biological Bases of Behaviour:

PSY318H5, 346H5, 351H5, 353H5, 354H5, 355H5, 362H5, 372H5, 393H5, 395H5, 397H5, 398H5;

BIO304H5, 310H5, 318Y5, 328H5

- Perception/Cognition/Communication: PSY312H5, 315H5, 316H5, 331H5, 351H5, 360H5, 362H5, 371H5, 372H5, 374H5, 376H5, 384H5, 385H5, 387H5, 393H5, 397H5

- Developmental/Abnormal/Social/Personality: PSY310H5, 311H5, 312H5, 315H5, 316H5, 318H5, 320H5, 321H5, 324H5, 325H5, 327H5, 328H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 345H5, 346H5, 353H5

After:

- Limited Enrolment: Enrolment in this program is limited to students who have:
- completed Gr.12(4U) **Biology and Advanced Functions** or **equivalent**;
 - completed 8.0 credits;
 - at least 77% as the average of PSY201H5, 202H5, and at least 1.5 FCE in 200 series PSY courses; and
 - a minimum CGPA of 3.0. Psychology Department website: www.utm.utoronto.ca/psychology
- Second Year
- (PSY201H5, 202H5)/(BIO360H5, 361H5)/(ECO220Y5/227Y5)/(STA220H5, 221H5)
 - **PSY210H5, 290H5**
 - one of **the following**:
PSY270H5, PSY274H5, 280H5
 - **one of the following**:
PSY220H5, 230H5, 240H5
 - **one additional half credit at the 200 level**
- Third Year
- PSY309H5
 - One laboratory course from the following:
PSY319H5, 329H5, 379H5, 399H5
 - 2.5 credits from the following courses: 0.5 credit must be taken from each group:
- Biological Bases of Behaviour:
PSY318H5, 346H5, 351H5, **352H5**, 353H5, 354H5, 355H5, 362H5, 372H5, 393H5, 395H5, 397H5, 398H5;
BIO304H5, 310H5, 318Y5, 328H5
 - Perception/Cognition/Communication: PSY312H5, 315H5, 316H5, 331H5, 351H5, 360H5, 362H5, 371H5,
372H5, 374H5, 376H5, 384H5, 385H5, 387H5, 393H5, 397H5
 - Developmental/Abnormal/Social/Personality: PSY310H5, 311H5, 312H5, **313H5**, 315H5, 316H5, 318H5,
320H5, 321H5, 324H5, 325H5, 327H5, 328H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 345H5,
346H5, 353H5

Program #28 ERSPE1237 Molecular Biology (Science)

- Rationale for change:** Changes reflect curriculum changes to be implemented in 2014-15.
- Before:** Limited Enrolment: Enrolment in this program is limited. Students wishing to enrol at the end of first year (4.0 credits) must obtain a grade of at least 'C' (63%) in ~~CHM110H5, 120H2, CHM140Y5~~ and a cumulative grade point average of at least 2.50 to qualify. Students who do not meet these criteria can apply to enter the Specialist at the end of second year (8.0 credits) with the following new criteria: a grade of at least 70% in BIO206H5 and a cumulative grade point average of at least ~~2.50~~ **2.50** ~~Within~~ an Honours degree, ~~14.0~~ credits are required. Notes:
- Students ~~wishing to enrol in this program are asked to see the program advisor in their first year.~~
 - ~~BIO206H5 can be taken in the first year of studies provided special permission is obtained from the program advisor.~~
 - ~~Students~~ intending to continue into Graduate Studies should consider including a course in independent research in Year 4.
 - Students may take no more than 2.0 credits combined in ROP, Internship Program, Individual Project/ Thesis courses at the 300/400-level for credit toward their Biology program.
 - No substitute statistics course will be allowed for BIO360H5.
- First Year BIO152H5, ~~153H5, CHM110H5, 120H5, CHM140Y5, MAT134Y5/135Y5/137Y5~~, plus 1.0 of CLA201H5; ENV100Y5; ERS120H5; ~~(PHY136H5, 137H5, PHY135Y5, PSY100Y5; WRI203H5, 307H5~~
- Second Year ~~BIO204H5, 205H5, 206H5, 207H5, 215H5, CHM242H5, 243H5~~
- Third Year BIO314H5, ~~315H5, 360H5, 370Y5, 372H5, CHM361H5, 362H5, 371H5~~; plus 0.5 of BIO304H5, ~~310H5, 341H5, 374H5, 375H5, 380H5, CHM347H5, PHY332H5, 333H5, BCH335H1, 340H4~~
- Fourth Year BIO477H5* plus 1.0 of: BIO407H5, BIO411H5, ~~443H5, 476H5, 481Y5, BCH441H1; CHM462H5, 489Y5; JBC472H5; JBC487Y5; CSB435H1, 450H1, 459H1, 472H1, 473H1, 474H1, 475H1; MGY425H1, 428H1, 440H1, 445H1, 451H1, 452H1, 470H1, MIJ485H1~~
- * In the event that BIO477H5 is not offered during the 4th year of student's studies, the student must take 1.5 credits from the Fourth Year list above. In such a year, MGY420H1 may be taken.
- After:** Limited Enrolment: Enrolment in this program is limited. Students wishing to enrol at the end of first year (4.0 credits) must obtain a grade of at least 'C' (63%) in **both CHM110H5, CHM120H5** and a cumulative grade point average of at least 2.50 to qualify. Students who do not meet these criteria can apply to enter the Specialist at the end of second year (8.0 credits) with the following new criteria: a grade of at least 70% in BIO206H5 and a cumulative grade point average of at least **2.50, CGPA for enrolment into this program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR course are not applicable)**. **Within** an Honours degree, **14.5** credits are

required. Notes:

- Students intending to continue into Graduate Studies should consider including a course in independent research in Year 4.
- Students may take no more than 2.0 credits combined in ROP, Internship Program, Individual Project/ Thesis courses at the 300/400-level for credit toward their Biology program.
- No substitute statistics course will be allowed for BIO360H5.

First Year BIO152H5, BIO153H5; CHM110H5, CHM120H5; MAT134Y5/ MAT135Y5/ MAT137Y5; plus 1.0 of CLA201H5; ENV100Y5; ERS120H5; PHY136H5, PHY137H5; PSY100Y5; WRI203H5, WRI307H5

Second Year BIO206H5, BIO207H5; CHM242H5, CHM243H5; STA215H5; plus 1.0 credit from BIO202H5, BIO203H5, BIO205H5

Third Year BIO314H5, BIO315H5, BIO360H5, BIO370Y5, BIO372H5; CHM361H5, CHM362H5, CHM372H5, CHM373H5; plus 0.5 of BIO304H5, BIO310H5, BIO341H5, BIO374H5, BIO375H5, BIO380H5; CHM347H5; PHY332H5, PHY333H5; BCH335H1, BCH340H1

Fourth Year BIO477H5* plus 1.0 of: BIO407H5, BIO411H5, BIO443H5, BIO476H5, BIO481Y5; BCH441H1; CHM444H5, CHM462H5, CHM489Y5; JBC472H5; JCB487Y5; JCP463H5; CSB435H1, CSB450H1, CSB459H1, CSB472H1, CSB473H1, CSB474H1, CSB475H1; MGY425H1, MGY428H1, MGY440H1, MGY445H1, MGY451H1, MGY452H1, MGY470H1; MIJ485H1

* In the event that BIO477H5 is not offered during the 4th year of student's studies, the student must take 1.5 credits from the Fourth Year list above. In such a year, MGY420H1 may be taken.

Program #29 ERSPE1338 Forensic Anthropology (Science)

Rationale for change: **Limited Enrolment:** Incorporate/reflect the Anthropology Departmental change of ANT203Y into 2 half credit courses -ANT202H5, ANT203H5. **Third Year Courses:** Deleted /FSC310H5 as an option as it is no longer offered, deleted last year. Deleted BIO360H5 **replaced with/added** STA215H5 -to reflect STA request. **Recommended:** Deleted BIO361H5 and **added** BIO360H5 to reflect changes in STATs courses.

Before: Limited Enrolment: Admission into the Forensic Anthropology program is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC Application, upon completing the minimum requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:

- Completion of 4.0 credits; including 3.0 science credits.
 - Completion of ANT101H5 and ANT102H5 with a grade of at least 75% in each (students applying to enrol after second year must have completed 8.0 credits and achieved at least 75% in each of ANT200H5, ANT201H5, **ANT203Y5** and ANT205H5).
 - A minimum Cumulative Grade Point Average of at least 3.0 The actual minimum CGPA varies from year to year but is never lower than 3.0 Application for admission into the program for ALL students can be found at: www.utm.utoronto.ca/forensic Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year
- Second Year ANT200H5, ANT201H5, **203Y5**, 205H5; BIO210Y5; FSC271H5
- Third Year ANT306H5, 312H5, 317H5, 334H5, **336H5/FSC310H5**, **ANT340H5**, FSC300H5, 302H5, **360H5**, **BIO360H5**
- Recommended ANT338H5, 358H5, 438H5; WRI203H5, 307H5; **BIO361H5**

After: Limited Enrolment: Admission into the Forensic Anthropology program is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC Application, upon completing the minimum requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:

- Completion of 4.0 credits; including 3.0 science credits.
 - Completion of ANT101H5 and ANT102H5 with a grade of at least 75% in each (students applying to enrol after second year must have completed 8.0 credits and achieved at least 75% in each of ANT200H5, ANT201H5, **ANT202H5**, **ANT203H5** and ANT205H5).
 - A minimum Cumulative Grade Point Average of at least 3.0 The actual minimum CGPA varies from year to year but is never lower than 3.0 Application for admission into the program for ALL students can be found at: www.utm.utoronto.ca/forensic Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year
- Second Year ANT200H5, ANT201H5, **202H5**, **203H5**, 205H5; BIO210Y5; FSC271H5
- Third Year ANT306H5, 312H5, 317H5, 334H5, **340H5**, **436H5**; FSC300H5, 302H5, **360H5**;

STA215H5Recommended ANT338H5, 358H5, 438H5; WRI203H5, 307H5; **BIO360H5****Program #30 ERSPE1376 Chemistry (Science)****Rationale for change:** Third year half-credit, full year lab courses have been split into TWO half-credit, half-year courses.**Before:**

Notes:

- **Students who are in ETP@UTM may substitute (CHM485H5 + SCI499H5) in place of CHM489Y5Y.**

- Additional 300 level CHM/JCP courses available include CHM333H5, 347H5, **362H5**; JCP322H5
- Additional 400 level CHM/JCP courses include CHM412H5, 414H5, 416H5, 442H5, 444H5, 462H5, 485H5 and JCP410H5, 421H5, 422H5, 463H5 plus the selection of CHM400 level courses at St. George.
- Students are strongly advised to consult the Program Advisor regarding the program of study.
- MAT134Y5/135Y5/137Y5 prerequisite is required for most 200 level CHM courses.

Year 2 CHM211H5, 231H5, 242H5, 243H5; **JCP221H5/CHM221H5**; MAT212H5/232H5Year 3 CHM311H5, 331H5, 341H5/345H5, 361H5, **391H5, 393H5**; JCP321H5**After:**

Notes:

class="numbers"

- Additional 300 level CHM/JCP courses available include CHM333H5, 347H5, **362H5, 372H5, 373H5, 395H2, 397H5**; JCP322H5
- Additional 400 level CHM/JCP courses include CHM412H5, 414H5, 416H5, 442H5, 444H5, 462H5, 485H5 and JCP410H5, 421H5, 422H5, 463H5 plus the selection of CHM400 level courses at St. George.
- Students are strongly advised to consult the Program Advisor regarding the program of study.
- MAT134Y5/135Y5/137Y5 prerequisite is required for most 200 level CHM courses.

Year 2 CHM211H5, 231H5, 242H5, 243H5; **JCP221H5**; MAT212H5/232H5Year 3 CHM311H5, 331H5, 341H5/345H5, 361H5, **394H5, 396H5**; JCP321H5**Program #31 ERSPE1410 Forensic Biology (Science)****Rationale for change:** Change from 16.0 credits to 15.5 credits: Incorporate/reflect the Biology Departmental course changes: **Second Year:** ~~deleted~~ BIO204H5 and **added/replaced** with BIO202H5. ~~Deleted~~ BIO215H5. **Third & Fourth Years:** **Added** (STA215H5, and ~~deleted~~ ,BIO361H5. ~~Deleted~~ FSC310H5/BIO314H5 -FSC310H5 is no longer offered. **Replaced/added** FSC315H5 Forensic Biology -required for FSC accreditation.**Before:**Within an Honours degree, **16.0** credits are required.Second Year **BIO204H5**, 206H5, 207H5, **210Y5, 215H5**; CHM242H5, 243H5; FSC271H5

Third and Fourth Years

- **BIO360H5, 361H5**; FSC300H5, 302H5, **310H5/BIO314H5**; **FSC360H**, 401H5, 402H5, 481Y5
- 1.5 additional BIO credits at the 300/400 level.

After:Within an Honours degree, **15.5** credits are required.Second Year **BIO202H5**, 206H5, 207H5, **210Y5**; CHM242H5, 243H5; FSC271H5

Third and Fourth Years

- **(STA215H5; BIO360H5)**; FSC300H5, 302H5, **315H5, 360H**, 401H5, 402H5, 481Y5
- 1.5 additional BIO credits at the 300/400 level.

Program #32 ERSPE1465 Earth Science (Science)**Rationale for change:** Yr 2: PHY237H5 was deleted by Physics. It is not required for this program. Yr 3: ERS313H5 (Sedimentology) is a new course based on fundamental geological concepts necessary to an Earth Science specialist. "2.5 credits from ERS313H5, 315H5, 319H5, 321H5, 325H5, JGE378H5/ERS317H5" was replaced by "ERS313H5, 2.0 credits from ERS315H5, 319H5, 321H5, 325H5, JGE378H5/ERS317H5;" -

This makes ERS313H5 a mandatory requirement because sedimentology is a fundamental geological concept necessary to an Earth Science specialist. The addition of GGR407H5, 463H5, 464H5 removes the necessity of having all Earth Science specialists undertake a year-long research project (ERS470Y, (471H5, 472H5)), bring it in line with the Geology Specialist program. These courses are offered in the Geography department at UTM. JCB487Y5 is a multidisciplinary course that is already offered in all sub disciplines in the department of Chemical and Physical Sciences (CPS). Earth Science is now part of this initiative as well. JCP498H5 is a new initiative allowing Earth Science specialists to gain valuable teaching experience and allows student to remain at UTM for their coursework.

Before:

Second Year ERS201H5, 202H5, 203H5; GGR217H5, 1.0 credit from GGR214H5, 227H5, 276H5, 278H5; **PHY237H5**
 Third Year **2.5** credits from **ERS313H5, 315H5**, 319H5, 321H5, 325H5, JGE378H5/ERS317H5; 0.5 credit from GGR315H5, 316H5, 317H5, 321H5, 337H5, 379H5
 Fourth Year 1.0 credit from ERS470Y5, (471H5, 472H5); **ENV400Y5**

After:

Second Year ERS201H5, 202H5, 203H5; GGR217H5, 1.0 credit from GGR214H5, 227H5, 276H5, 278H5;
 Third Year **ER313H5, 2.0** credits from **ERS315H5**, 319H5, 321H5, 325H5, JGE378H5/ERS317H5; 0.5 credit from GGR315H5, 316H5, 317H5, 321H5, 337H5, 379H5
 Fourth Year 1.0 credit from ERS470Y5, (471H5, 472H5); **ENV400Y5; GGR407H5, 463H5, 464H5, JCP487Y5, JCP498H5**

Program #33 ERSPE1505 Forensic Psychology (Science)

Rationale for change:

Incorporating/reflecting PSY Departmental program requirements and course changes: **Higher Years: 3.** ~~deleted~~option /PSY213H5; ~~deleted~~PSY295H5; **4. added:** PSY393H5 to replace deletion of PSY295H5. **6. 1.0 credit from following:** ~~delete~~ FSC306H5 --**renumbered to/added** FSC407H5, ~~delete~~ FSC310H5 -no longer offered; ~~added~~ : FSC311H5, 315H5, 406H5, 407H5 -- to list of possible courses.

Before:

Limited Enrolment: Admission into the Forensic Psychology Specialist Program is limited to a relatively small number of students per year and admission is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC application, upon completing the 1st year minimum requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:

- Completion of any Gr.12(4U) ~~Mathematics~~ or equivalent*;
- Completion of 8.0 credits
- At least 77% as the average of PSY201H5, 202H5 and at least 1.5 FCE in 200 series PSY courses; and
- A minimum Cumulative Grade Point Average of at least 3.0. The actual minimum CGPA requirement varies from year to year but is never lower than 3.0 * ~~First year students applying to this program in 2014/15 will be required to have completed Gr.12(4U) Biology and Advanced Functions or equivalent.~~ Application for admission into the program for ALL students can be found at: www.utm.utoronto.ca/forensic Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year
- Higher Years
- (PSY201H5, 202H5)/(BIO360H5, 361H5)
- FSC271H5; BIO210Y5
- ~~PSY210H5/ 213H5, 220H5,~~ 230H5, 240H5, 270H5/ 274H5/ 280H5, ~~290H5, 295H5~~
- FSC300H5, 302H5; PSY309H5, 328H5, 340H5/341H5, 344H5, ~~346H5~~
- One laboratory course from: PSY329H5, 379H5, 399H5
- 1.0 credits from the following: ~~FSC306H5,~~ 360H5, ~~361H5,~~ 401H5, 402H5, ~~489H5;~~ BIO338H5
- 0.5 credit from PSY 400 level series courses
- FSC481Y5

After:

Limited Enrolment: Admission into the Forensic Psychology Specialist Program is limited to a relatively small number of students per year and admission is by special application ONLY. To be considered for admission into the program, ALL students, including students admitted into the 1st year Forensic Science category, MUST submit a direct online FSC application, upon completing the 1st year minimum requirements. Meeting the minimum requirements does not guarantee admission into the program. Minimum Requirements:

- Completion of any Gr.12(4U) **Biology and Advanced Functions** or equivalent*;
- Completion of 8.0 credits
- At least 77% as the average of PSY201H5, 202H5 and at least 1.5 FCE in 200 series PSY courses; and

- A minimum Cumulative Grade Point Average of at least 3.0. The actual minimum CGPA requirement varies from year to year but is never lower than 3.0 Application for admission into the program for ALL students can be found at: www.utm.utoronto.ca/forensic Forensic Science Applications Open: March 1 of each year Forensic Science Application Deadline: May 1 of each year

Higher Years

- (PSY201H5, 202H5)/(BIO360H5, 361H5)
- FSC271H5; BIO210Y5
- ~~PSY210H5, 220H5~~, 230H5, 240H5, 270H5/ 274H5/ 280H5, **290H5**
- FSC300H5, 302H5; PSY309H5, 328H5, 340H5/341H5, 344H5, **346H5, 393H5**
- One laboratory course from: PSY329H5, 379H5, 399H5
- 1.0 credits from the following: **FSC311H5, 315H5**, 360H5, 401H5, 402H5, **406H5, 407H5, 489H5**; BIO338H5
- 0.5 credit from PSY 400 level series courses
- FSC481Y5

Program #34 ERSPE1540 Statistics, Applied (Science)

Rationale for change: STA442H5 has been renumbered to STA441H5.

Before:

Third and Fourth Years 2.0 credits from (STA312H5, STA313H5, 413H5, 431H5, 437H5, **442H5**, 457H5); 2.0 credits from (CSC322H5, 411H5; MAT302H5, 311H5, 332H5, 334H5, 344H5, 378H5); 1.0 credit from (STA courses; PSY201H5*, 202H5*; BIO360H5*, 361H5*; SOC350H5*, 351H5*; ECO220Y5*)

After:

Third and Fourth Years 2.0 credits from (STA312H5, STA313H5, 413H5, 431H5, 437H5, **441H5**, 457H5); 2.0 credits from (CSC322H5, 411H5; MAT302H5, 311H5, 332H5, 334H5, 344H5, 378H5); 1.0 credit from (STA courses; PSY201H5*, 202H5*; BIO360H5*, 361H5*; SOC350H5*, 351H5*; ECO220Y5*)

Program #35 ERSPE1883 Exceptionality in Human Learning (Science)

Rationale for change: Slight change in second and third year course requirements as a result of the restructuring of our 2nd year PSY course offerings which includes moving PSY213H5 to 3rd year. PSY240H5 (Abnormal PSY) is an extremely suitable addition to this program which focuses on child development, abnormal behaviour, and disability issues and probably should have been required in the past. Changes also include annual update of lists of acceptable courses from other departments resulting from changes in their course offerings. Courses in other departments must contribute to the understanding of human development, exceptionality, and/or abnormal behaviour.

Before:

Limited Enrolment: Enrolment is limited to students who have:

- completed ~~any~~ Gr.12(4U) ~~Mathematics~~ or ~~equivalent~~;
 - completed 8.0 credits;
 - at least 75% as the average of PSY201H5, 210H5, ~~213H5~~ and at least 1.0 FCE in 200 series ANT/BIO/SOC courses
 - a minimum CGPA of 2.70. ~~* Students applying to this program from 2014/15 will be required to have completed Gr.12(4U) Biology and Advanced Functions or equivalent.~~ Meeting the minimum grade requirements does not guarantee admission. Further information is available on the Psychology Department web site: www.utm.utoronto.ca/psychology.
- Second Year
- PSY201H5/ BIO360H5/ ECO220Y5/227Y5/ SOC350H5/ STA218H5/220H5/
 - PSY210H5, ~~213H5~~
 - 0.5 credit from the following: PSY202H5 (or equivalent), ~~240H5~~, 270H5, 274H5, 280H5, ~~290H5, 295H5~~
- Second and Higher Years
- 3.0 credits from the following: PSY310H5, 311H5, 312H5, 315H5, 316H5, 318H5, 319H5, 321H5, 325H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 346H5, 353H5, 374H5, 376H5, 384H5, 385H5, 393H5
 - PSY442Y5 and at least 0.5 credit from the following: PSY400Y5, 403H5, 404H5, 405H5, 406H5, 410H5, 415H5, 440H5, 474H5, 495H5

NOTE: Primary Junior CTEP students are exempt from PSY442Y5 and may take PSY345H5 and any 0.5 FCE 400 level course in psychology instead.

- 2.0 credits from one of the following lists:

- ~~ANT203Y5~~, 204H5, 205H5, 206H5, 207H5, 241Y5, 306H5, 322H5, 331H5, 332H5, 333H5, 334H5,

335H5, 339Y5, 362H5, 364H5, 401H5, 434H5, 460H5, ~~461H5~~
 - ~~SOC200H5~~, 211H5, 216H5, 244H5, 263H5, 284H5, 302H5, 307H5, 310H5, 316H5, 323H5, 332H5,
~~348H5~~, 356H5, ~~365H5~~, ~~368H5~~, 371H5, 375H5, 456H5
 - BIO204H5, 205H5, 206H5, 207H5, 210Y5, 215H5, 315H5, 341H5, 370Y5, 371H5, 372H5, 380H5, 403H5,
 407H5, 443H5, 476H5, 477H5; ~~ANT203Y5~~, 331H5, 332H5, 333H5, 334H5, 339Y5; PSL201Y1
 NOTE: Students who took SOC100H5 must take 2.5 credits from List 3(b)
 - 2.5 additional credits to be selected from the following (no more than 1.0 credit from any one discipline):

ANT Any course in 3(a) not counted previously
 SOC Any course in 3(b) not counted previously
 BIO Any course in 3(c) not counted previously
 CHM CHM242H5, 243H5, 341H5, 345H5, 347H5, 361H5, 362H5, 371H5
 ENG ~~ENG234H5~~
 FGI/FRE ~~FGI225Y5~~, ~~FRE355H5~~
 HIS HIS308H5, 310H5, 326Y5, 338H5
 LIN LIN100Y5, 200H5, 256H5, 358H5, 380H5
 JAL JAL253H5, 355H5
 PHL PHL243H5, 244H5, 255H5, 267H5, 271H5, 272H5, 274H5, 277Y5, 282H5, 283H5, 290H5, 350H5,
 355H5, 358H5, ~~375H5~~, ~~380H5~~
 RLG RLG314H5
~~SCI~~ ~~SCI305H5~~, ~~306H5~~, ~~400H5~~
 WGS Any course

After:

Limited Enrolment: Enrolment is limited to students who have:
 - completed Gr.12(4U) Biology and Advanced Functions or equivalent;
 - completed 8.0 credits;
 - at least 75% as the average of PSY201H5, 210H5, 240H5 and at least 1.0 FCE in 200 series
 ANT/BIO/SOC courses
 - a minimum CGPA of 2.70. Meeting the minimum grade requirements does not guarantee admission.
 Further information is available on the Psychology Department web site: www.utm.utoronto.ca/psychology.
 Second Year
 - PSY201H5/ BIO360H5/ ECO220Y5/227Y5/ SOC350H5/ STA218H5/220H5/
 - PSY210H5, 240H5
 - 0.5 credit from the following: PSY202H5 (or equivalent), 270H5, 274H5, 280H5, 290H5
 Second and Higher Years
 - 3.0 credits from the following: PSY310H5, 311H5, 312H5, 313H5, 315H5, 316H5, 318H5, 319H5, 321H5,
 325H5, 331H5, 333H5, 340H5, 341H5, 343H5, 344H5, 346H5, 353H5, 374H5, 376H5, 384H5, 385H5,
 393H5
 - PSY442Y5 and at least 0.5 credit from the following: PSY400Y5, 403H5, 404H5, 405H5, 406H5, 410H5,
 415H5, 440H5, 474H5, 495H5

NOTE: Primary Junior CTEP students are exempt from PSY442Y5 and may take PSY345H5 and any 0.5 FCE 400 level course in psychology instead.

- 2.0 credits from one of the following lists:
 - ANT202H5, 203H5, 203Y5, 204H5, 205H5, 206H5, 207H5, 211H5, 241Y5, 306H5, 322H5, 331H5,
 332H5, 333H5, 334H5, 335H5, 336H5, 338H5, 339Y5, 350H5, 352H5, 362H5, 364H5, 401H5, 434H5,
 460H5, 461H5, 462H5
 - SOC205H5, 209H5, 211H5, 216H5, 219H5, 224H5, 227H5, 240H5, 244H5, 263H5, 275H5, 284H5,
 302H5, 304H5, 307H5, 310H5, 316H5, 323H5, 332H5, 341H5, 356H5, 371H5, 375H5, 380H5, 456H5
 - BIO204H5, 205H5, 206H5, 207H5, 210Y5, 215H5, 315H5, 341H5, 370Y5, 371H5, 372H5, 375H5, 380H5,
 403H5, 407H5, 434H5, 443H5, 476H5, 477H5; ANT202H5, 203H5, 203Y5, 331H5, 332H5, 333H5,
 334H5, 339Y5; PSL201Y1
 NOTE: Students who took SOC100H5 must take 2.5 credits from List 3(b)
 - 2.5 additional credits to be selected from the following (no more than 1.0 credit from any one discipline):

ANT Any course in 3(a) not counted previously
 SOC Any course in 3(b) not counted previously
 BIO Any course in 3(c) not counted previously
 CHM CHM242H5, 243H5, 341H5, 345H5, 347H5, 361H5, 362H5, 371H5
 ENG ENG234H5, 384H5
 FGI/FRE FRE225Y5, 355H5
 HIS HIS308H5, 310H5, 326Y5, 338H5
 LIN LIN100Y5, 200H5, 256H5, 358H5, 380H5
 JAL JAL253H5, 355H5
 PHL PHL243H5, 244H5, 255H5, 267H5, 271H5, 272H5, 274H5, 277Y5, 282H5, 283H5, 290H5, 350H5,
 355H5, 357H5, 358H5, 367H5, 370H5, 375H5

RLG RLG314H5
WGS Any course

Program #36 ERSPE1995 Biological Chemistry (Science)

- Rationale for change:** Course credit has increased for the 3rd year lab course that are required, due to splitting the half-credit full year courses each into TWO half-credit half-year courses.
- Before:** Within an Honours degree, **13.5** credits are required. This program is accredited by the Canadian Society for Chemistry. Notes:
- Enrolment in **CHM371H5** and certain BCH (St. George) courses is limited.
 - Additional 300/400-level CHM/JCP courses include CHM311H5, 331H5, **391H5, 393H5**, 412H5, 414H5, 416H5, 442H5, 444H5, 462H5, 485H5 and JBC472H5 and JCP321H5, 322H5, 410H5, 421H5, 422H5, 463H5 at U of T Mississauga plus the 300/400 level CHM/BCH courses at St. George.
 - Students are strongly advised to consult the program advisor regarding their course of study.
- Year 2 CHM211H5, 231H5, 242H5, 243H5; **JCP221H5/CHM221H5**; BIO206H5, 207H5, 215H5; 0.5 MAT/CSC/STA credit (at any level)
- Year 3 CHM333H5, 341H5/345H5, 347H5, 361H5, 362H5, **371H5**; BIO372H5
- After:** Within an Honours degree, **14.0** credits are required. This program is accredited by the Canadian Society for Chemistry. Notes:
- Enrolment in **CHM372H5, 373H5** and certain BCH (St. George) courses is limited.
 - Additional 300/400-level CHM/JCP courses include CHM311H5, 331H5, **394H5, 395H5, 396H5, 397H5**, , 412H5, 414H5, 416H5, 442H5, 444H5, 462H5, 485H5 and JBC472H5 and JCP321H5, 322H5, 410H5, 421H5, 422H5, 463H5 at U of T Mississauga plus the 300/400 level CHM/BCH courses at St. George.
 - Students are strongly advised to consult the program advisor regarding their course of study.
- Year 2 CHM211H5, 231H5, 242H5, 243H5; **JCP221H5**; BIO206H5, 207H5, 215H5; 0.5 MAT/CSC/STA credit (at any level)
- Year 3 CHM333H5, 341H5/345H5, 347H5, 361H5, 362H5, **372H5, 373H5**; BIO372H5

Program #37 ERSPE2070 Geography (Science)

- Rationale for change:** This will allow students with a Geography focus to specialize in the program.
- Before:** Limited Enrolment: Enrolment in this program is limited to students who have completed GGR111H5 and GGR112H5 (formally GGR117Y5) and a Cumulative Grade Point of 2.7 (B-) in **the 2nd and 3rd year.**
- After:** Limited Enrolment: Enrolment in this program is limited to students who have completed GGR111H5 and GGR112H5 (formally GGR117Y5) and a Cumulative Grade Point of 2.7 (B-) in 2nd **year program courses.**

Program #38 ERSPE2364 Biology (Science)

- Rationale for change:** Changes reflect curriculum changes being proposed for 2014-15.
- Before:** Limited Enrolment: Enrolment in this program is limited to students who have completed 4.0 credits, including 1.0 full credit in Biology with 60% or better, and who have achieved a cumulative GPA of at least 2.5. The actual GPA requirement in any particular year may exceed this value, in order to achieve a proper balance between enrolments and teaching resources. The undergraduate advisor may make alternative arrangements for admission to the Specialist Program in special circumstances. Students who have not attained the standard required to enter the Specialist Program may enrol in the Major or Minor Programs. If their GPA rises to 2.5, and they have completed ~~CHM140Y6, BIO151Y6(152H5, 153H5), 204H5, 205H5, 206H5, 207H5 and 215H5~~, they will then be eligible to switch to the Specialist ~~Program. Within~~ an Honours degree, ~~13.0~~ credits are required, including at least 6.0 at the 300/400 level, of which 1.0 must be at the 400 ~~level. BIO152H5, 153H5 are prerequisites for most 300-level BIO courses and should be completed by the end of second year.~~ It is recommended that students in the specialist program include at least 0.5 credit from each of four of the following groups:

- Ecology and Field Biology: BIO311H5, ~~312H5, 313H5, 416H5, 320H5, 330H5, 333H5, 464H5~~
 - Biology of Whole Organisms: ~~325H5, 335H5, 338H5, 354H5, 356H5~~
 - Genetics and Evolution: BIO341H5, ~~342H5, 407H5, 445H5, 443H5, 464H5~~
 - Cell, Molecular and Developmental Biology: BIO314H5, ~~315H5, 370Y5, 371H5, 372H5, 374H5, 375H5, 380H5, 407H5, 476H5, 477H5~~
 - Physiology and Behaviour: BIO210Y5, ~~304H5, 310H5, 312H5, 318Y5, 328H5, 409H5, 410H5, 411H5, 434H5~~ *MAT134Y5 - Calculus for Life Sciences is highly recommended. Up to 1.0 credit may be taken from the following biology-related courses: GGR227H5, ~~305H5, 307H5, 309H5, 311H5, 312H5~~; CHM347H5, ~~361H5, 362H5, 371H5~~; PHY332H5, ~~333H5~~; PSY290H5, ~~355H5, 357H5, 395H5, 397H5~~; ANT334H5, ~~336H5, 340H5~~. Additional courses: BIO361H5, ~~481Y5~~; JCB487Y5 Notes:
 - Students wishing to emphasize cell biology, molecular biology, microbiology, physiology or genetics, should take ~~CHM240Y5/(241H5, 261H5)/(242H5, 243H5)~~ in second year. Such students should take ~~MAT134Y5/135Y5/137Y5~~, a prerequisite, in their first year.
 - No substitute statistics course will be allowed for BIO360H5.
 - Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program.
 - Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.
- First Year
- BIO152H5, ~~153H5, (CHM110H5, 120H5), CHM140Y5, MAT134Y5*/135Y5/137Y5~~
 - 1.0 from the following: CLA201H5; ENV100Y5; ERS120H5; ~~(PHY136H5, 137H5)/ PHY135Y5, PSY100Y5; WRI203H5, 307H5~~
- Second Year ~~BIO204H5, 205H5, 206H5, 207H5, 215H5~~
- Third and Fourth Years ~~BIO313H5/314H5/409H5~~, plus BIO360H5.

5.5 additional BIO credits. At least 5.0 of these credits must be at the 300 level or above, of which at least 1.0 must be at the 400 level.

After:

Limited Enrolment: Enrolment in this program is limited to students who have completed 4.0 credits, including 1.0 full credit in Biology with 60% or better, and who have achieved a cumulative GPA of at least 2.5. The actual GPA requirement in any particular year may exceed this value, in order to achieve a proper balance between enrolments and teaching resources. The undergraduate advisor may make alternative arrangements for admission to the Specialist Program in special circumstances. Students who have not attained the standard required to enter the Specialist Program may enrol in the Major or Minor Programs. If their GPA rises to 2.5, and they have completed CHM110H5, CHM120H5, BIO152H5, BIO153H5, BIO202H5, BIO203H5, BIO205H5, BIO206H5, BIO207H5 and BIO215H5, they will then be eligible to switch to the Specialist Program. CGPA for enrolment into this program is calculated based on a min. 4.0 credits completed at UTM with final percentage grades (i.e. CR/ NCR courses are not applicable). Within an Honours degree, 13.5 credits are required, including at least 6.0 at the 300/400 level, of which 1.0 must be at the 400 level. It is recommended that students in the specialist program include at least 0.5 credit from each of four of the following groups:

- Ecology and Field Biology: BIO311H5, BIO312H5, BIO313H5, BIO416H5, BIO330H5, BIO331H5, BIO333H5, BIO373H5, BIO412H5, BIO464H5
 - Biology of Whole Organisms: BIO325H5, BIO326H5, BIO335H5, BIO338H5, BIO354H5, BIO356H5
 - Genetics and Evolution: BIO341H5, BIO342H5, BIO407H5, BIO443H5, BIO445H5, BIO464H5
 - Cell, Molecular and Developmental Biology: BIO314H5, BIO315H5, BIO370Y5 / BIO371H5, BIO372H5, BIO374H5, BIO375H5, BIO380H5, BIO407H5, BIO475H5, BIO476H5, BIO477H5
 - Physiology and Behaviour: BIO210Y5, BIO304H5, BIO310H5, BIO312H5, BIO318Y5 / BIO328H5, BIO320H5, BIO405H5, BIO409H5, BIO410H5, BIO411H5, BIO434H5 *MAT134Y5 - Calculus for Life Sciences is highly recommended. Up to 1.0 credit may be taken from the following biology-related courses: GGR227H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR312H5; CHM347H5, CHM361H5, CHM362H5, CHM372H5, CHM373H5; PHY332H5, PHY333H5; PSY290H5, PSY355H5, PSY357H5, PSY395H5, PSY397H5; ANT334H5, ANT336H5, ANT340H5. Additional courses: BIO361H5, BIO481Y5; JCB487Y5 Notes:
 - Students wishing to emphasize cell biology, molecular biology, microbiology, physiology or genetics, should take CHM242H5 and CHM243H5 in second year. Such students should take MAT134Y5/ MAT135Y5/ MAT137Y5, a prerequisite, in their first year.
 - No substitute statistics course will be allowed for BIO360H5.
 - Students may take no more than 2.0 credits combined in ROP, Internship Program, or Individual Project / Thesis courses at the 300/400-level for credit toward their Biology program.
 - Students must consult with the Undergraduate Advisor before enrolling in any St. George course that they wish to use for credit toward any Biology program.
- First Year
- BIO152H5, BIO153H5; CHM110H5, CHM120H5; MAT134Y5*/ MAT135Y5/ MAT137Y5
 - 1.0 from the following: CLA201H5; ENV100Y5; ERS120H5; PHY136H5, PHY137H5; PSY100Y5; WRI203H5, WRI307H5
- Second Year BIO202H5, BIO203H5, BIO205H5, BIO206H5, BIO207H5; STA215H5

Third and Fourth Years BIO313H5/ BIO314H5/ BIO409H5, plus BIO360H5.

5.5 additional BIO credits. At least 5.0 of these credits must be at the 300 level or above, of which at least 1.0 must be at the 400 level.

Program #39 ERSPE2470 Behaviour, Genetics, and Neurobiology (Science)

Rationale for change: We are streamlining our second year course offerings and program requirements in order to: Provide more appropriate and consistent preparation for 3rd year courses. Provide greater consistency between instructors teaching different sections of single required courses. Alleviate overlap between 2nd and 3rd year courses. Be more consistent with St. George and other colleges and universities. This will be achieved by canceling PSY295H5 (we have third year course on same topic), moving PSY213H5 and 252H5 (most other colleges and universities offer these as 3rd year courses) to third year, and by amending 2nd and 3rd year program requirements to reflect these changes.

Before: Limited Enrolment: Enrolment is limited to students who have:

- completed 8.0 credits;
- successfully completed BIO152H5, 153H5, ~~CHM140Y5/(110H5, 120H5)~~ and MAT134Y5/135Y5/137Y5;
- at least 77% as the average of PSY201H5, 202H5 (or equivalent), and at least 1.0 FCE from: BIO205H5/206H5/207H5/ ~~PSY252H5/290H5~~
- a minimum CGPA of 3.0 ~~4.5~~ credits are required, including at least 3.0 300/400 level credits and 1.0 400 level ~~credits~~.
- First Year PSY100Y5; BIO152H5; BIO153H5; ~~CHM140Y5/(110H5,120H5)~~; MAT134Y5/135Y5/137Y5
- Second Year
 - (PSY201H5, 202H5)/(BIO360H5, 361H5)/ (ECO220Y5/227Y5)/(STA220H5, 221H5)
 - BIO205H5; BIO206H5; BIO207H5; ~~PSY252H5~~; PSY290H5 Second year notes:
 - ~~BIO204H5 (Introduction to Physiology) is~~ required for several courses in the Neurobiology stream
 - ~~BIO215H5 (Laboratory in Molecular Biology and Genetics) is required for several courses in the Genetics stream~~
 - PSY210H5 (Introduction to Developmental Psychology) is required for several courses in the Behavioural stream Students are encouraged to consider taking these courses depending on their planned course of study.
- Third Year 1.0 credit from each of the following three streams:
 - Behaviour: BIO318Y5/328H5, PSY316H5, 318H5, 346H5, 351H5, 353H5, 354H5, 355H5, 360H5, 362H5, 385H5, 393H5, 395H5, 397H5, 398H5, 399H5
 - Genetics: BIO314H5, 315H5, 341H5, 372H5, 407H5, 476H5, PSY355H5
 - Neurobiology: BIO304H5, 409H5, 310H5, 380H5, PSY318H5, 346H5, 385H5, 393H5, 397H5, 399H5 Third year note:
 - Students interested in taking PSY400Y5 are advised to take PSY309H5.

After: Limited Enrolment: Enrolment is limited to students who have:

- completed 8.0 credits;
- successfully completed BIO152H5, 153H5, CHM110H5, 120H5 and MAT134Y5/135Y5/137Y5;
- at least 77% as the average of PSY201H5, 202H5 (or equivalent), and at least 1.0 FCE from: BIO205H5/206H5/207H5/ PSY290H5
- a minimum CGPA of 3.0 11.0 credits are required, including at least 3.0 300/400 level credits and 1.0 400 level credit.
- First Year PSY100Y5; BIO152H5; BIO153H5; CHM110H5; CHM120H5; MAT134Y5/135Y5/137Y5
- Second Year
 - (PSY201H5, 202H5)/(BIO360H5, 361H5)/ (ECO220Y5/227Y5)/(STA220H5, 221H5)
 - BIO205H5; BIO206H5; BIO207H5; PSY290H5 Second year notes:
 - BIO202H5, 203H5 or 204H5 are required for several courses in the Neurobiology stream
 - PSY210H5 (Introduction to Developmental Psychology) is required for several courses in the Behavioural stream Students are encouraged to consider taking these courses depending on their planned course of study.
- Third Year 1.0 credit from each of the following three streams:
 - Behaviour: BIO318Y5/328H5, PSY316H5, 318H5, 346H5, 351H5, 352H5, 353H5, 354H5, 355H5, 360H5, 362H5, 385H5, 393H5, 395H5, 397H5, 398H5, 399H5

- Genetics: BIO314H5, 315H5, 341H5, 372H5, 407H5, 476H5, PSY355H5
 - Neurobiology: BIO304H5, 409H5, 310H5, 380H5, PSY318H5, 346H5, 385H5, 393H5, 397H5, 399H5 Third year note:
 - Students interested in taking PSY400Y5 are advised to take PSY309H5.
-

New Courses

Course #1 ANT202H5 Biological Anthropology: Human variation and adaption (SCI)

Description:	Biological anthropology deals with the diversity and evolution of human beings and their living and fossil relatives, and how they have adapted to their environments. This course will introduce students to basic concepts of human genetics and Mendelian inheritance. The course will also describe the biological and evolutionary factors that have produced the fascinating diversity observed in human populations, and illustrate different ways in which humans have adapted to their environments.
Exclusion:	ANT203Y5, ANT203Y1, ANTB15H3
Prerequisite:	ANT101H5/BIO152H5
Rationale:	ANT203Y5 is being split into two half courses to allow greater flexibility in staffing, hiring TAs, and student enrolment. ANT202H5 has been created as the other half of ANT203Y5. Students may take the two half courses in any order, although both will be needed to fulfill program requirements for all specialists, majors & minors. All ANT203Y5 course content will be covered in ANT202H5 and ANT203H5.
No. Hours Instruction:	24L, 12P
Offered at St George:	Yes
Revived Course:	No

Course #2 BIO202H5 Introductory Animal Physiology (SCI)

Description:	Diversity of structure and function in animals at the tissue and organ system level. Focus is on morphology and processes that sustain life and maintain homeostasis, including water balance, gas exchange, acquisition and transport of oxygen and nutrients, temperature regulation, electrical and chemical signal transmission, sensory processing, and locomotion. Principles and mechanisms of animal form and function are developed in lectures and laboratories.
Exclusion:	BIO204H5; (BIO270H1, BIO271H1); (BIOB23H3, BIOB34H3)
Prerequisite:	BIO152H5, BIO153H5; CHM110H5, CHM120H5
Rationale:	This course will (in conjunction with BIO203H5) replace BIO204H5 (Intro Physiology) in our curriculum. It will be part of the Biology Department's core curriculum to offer students a deeper understanding of animal physiology with emphasis on morphology along with processes.
No. Hours Instruction:	24L, 15P, 10T
Offered at St George:	No
Revived Course:	No

Course #3 BIO203H5 Introductory Plant Morphology and Physiology (SCI)

Description:	Introduction to the morphology and physiology of plants. Students will learn that plants require energy to support metabolism and growth, and that these processes are highly regulated in order to achieve homeostasis. Topics covered include: biology of the plant cell, plant morphology, plant respiration and photosynthesis, transport processes, regulation of growth and development, and plant ecophysiology. Principles and mechanisms of plant form and function are developed in lectures and laboratories.
Exclusion:	BIO204H5; BIO251H1
Prerequisite:	BIO152H5, BIO153H5; CHM110H5, CHM120H5
Rationale:	This course will (in conjunction with BIO202H5) replace BIO204H5 (Intro Physiology) in our curriculum. This will form part of our core curriculum and provide a deeper understanding of plant physiology along with an emphasis on plant morphology and processes.
No. Hours Instruction:	24L, 15P
Offered at St George:	No
Revived Course:	No

Course #4 BIO320H5 Sensory Biology (SCI)

Description:	Form and function of sensory systems. Visual, auditory, tactile, and chemical senses will be considered, as well as senses peculiar to some animals. Sensory systems transduce specific environmental stimuli and are essentially information filters, therefore students consider properties of light, sound, and other stimuli and their influence on sensory systems.
Prerequisite:	BIO202H5/ BIO204H5
Corequisite:	BIO318Y5/ BIO328H5
Rationale:	This course replaces a Sensory Biology course that was previously in our curriculum.
No. Hours Instruction:	24L, 10T
Offered at St George:	No
Revived Course:	No

Course #5 BIO326H5 Ornithology (SCI)

Description:	Ecology, evolution, form, function, diversity, and conservation of birds. Practical sessions focus on observation and assessment of local avian populations using field ornithology techniques and approaches.
Exclusion:	EEB386H1
Prerequisite:	BIO152H5, BIO153H5, BIO205H5
Recommended Preparation:	BIO202H5
Rationale:	Ornithology at UTM would emphasize learning and application of field ornithological skills including bird identification by sight and sound and census techniques used for assessment of avian diversity and health in local ecosystems.
No. Hours Instruction:	24L, 30P
Offered at St George:	No
Revived Course:	No

Course #6 BIO405H5 Evolutionary Perspectives on Cognition and Behaviour (SCI)

Description:	Neural processes concerned with learning, memory, and decision-making and their ecology and evolution. A comparative approach will be taken as different animals rely on different information and a diverse array of cognitive and behavioural mechanisms. Topics considered will include comparative cognition, behavioural ecology, neuroethology, and evolutionary neuroscience.
Exclusion:	PSY362H5
Prerequisite:	BIO202H5/ BIO204H5, BIO318Y5/ BIO328H5
Corequisite:	BIO342H5
Recommended Preparation:	BIO304H5, BIO320H5
Rationale:	This course is offered to provide students with a biology-based approach to cognition.
No. Hours Instruction:	12L, 24S
Offered at St George:	No
Revived Course:	No

Course #7 BIO412H5 Climate Change Biology (SCI)

Description:	Climate change is affecting life on earth at all levels from cells to ecosystems. As a result, shifts in the distribution of species, the timing of biological events, and large impacts on natural resources, agriculture, and forestry may be seen. This course explores past climate, predictions of future climate, impacts of climate change on biological systems, and potentials for adaptation. Mitigation of climate change impacts on biological systems will also be discussed.
Prerequisite:	(BIO202H5, BIO203H5) / BIO204H5, BIO205H5; and at least one of GGR377H5, BIO312H5, BIO330H5, BIO331H5, BIO333H5

Recommended Preparation:	BIO313H5
Rationale:	Climate change biology is a relatively new field, which addresses large and complex questions. In this course, students are expected to put their knowledge from various disciplines together in order to understand how climatic change might affect biological systems at various levels. This will be an exercise to synthesize information and apply knowledge to explain real-world problems.
No. Hours Instruction:	12L, 12S
Offered at St George:	No
Revived Course:	No

Course #8 BIO475H5 Virology (SCI)

Description:	Virology examines the biology of viruses infecting all forms of life including humans and other animals, plants, eukaryotic microorganisms, and bacteria. The scope ranges from the molecular biology of viruses replication to virus evolution and ecology. Current issues surrounding virology and society are incorporated into the course including vaccines, emerging viruses, and even consideration of practical applications of viruses.
Exclusion:	CSB351Y1
Prerequisite:	BIO370Y5/ BIO371H5/ BIO372H5
Recommended Preparation:	BIO373H5
Rationale:	No course on this topic is currently offered at UTM. Virology is a broad subject within the life sciences that is relevant to ecology and evolutionary biology, microbiology, and biomedical sciences. This course will fill a gap in Biology's undergraduate curriculum and provide another senior level course to fill our Biology's course offerings.
No. Hours Instruction:	24L, 24S
Offered at St George:	No
Revived Course:	No

Course #9 CHM372H5 Techniques in Biological Chemistry I (SCI)

Description:	The first in a sequence of two laboratory courses intended to complement CHM361H5 and 362H5. Experiments are designed to familiarize students with techniques commonly used to study the chemical and physical properties of biological molecules. Topics covered in the first half include a wide range of chromatographic methods, and the isolation and characterization of subcellular organelles. The combination of CHM372H5 and 373H5 is equivalent to BCH371H5 (enrolment limited). [48P]
Exclusion:	CHM371H5; BCH370H1, 371H1
Corequisite:	CHM361H5
Rationale:	To make the course workload commensurate with the credit weight of the course.
No. Hours Instruction:	48P
Offered at St George:	No
Revived Course:	No

Course #10 CHM373H5 Techniques in Biological Chemistry II (SCI)

Description:	The second in a sequence of two laboratory courses intended to complement CHM361H5 and 362H5. CHM373H5 carries on from CHM372H5 with a particular emphasis on protein purification, enzyme kinetics, and fluorescence methods. The combination of CHM372H5 and 373H5 is equivalent to BCH371H5 (enrolment limited). [48P]
Exclusion:	CHM371H5; BCH370H1, 371H1
Corequisite:	CHM361H5
Rationale:	To make the course workload commensurate with the credit weight of the course.
No. Hours Instruction:	48P
Offered at St George:	No

Revived Course: No

Course #11 CHM394H5 Chemical Synthesis Laboratory I (SCI)

Description: The first in a sequence of two laboratory courses in synthetic chemistry. This laboratory course comprises the synthesis of inorganic and organic compounds supplemented by physical measurements (e.g., ir, uv, 1H NMR spectra, magnetic susceptibility, etc.) of the products where appropriate. Approximately six weeks each will be spent on two groups of foundational experiments, one in organic and one in inorganic synthesis to illustrate techniques of chemical synthesis. The central role of the carbonyl group in organic synthesis is elaborated, an organic unknown is identified both chemically and spectroscopically and the synthetic chemistry of the first row transition elements is explored. [48P]

Exclusion: CHM393H5Y;

Prerequisite: CHM231H5, CHM243H5

Rationale: The proposed change of the present Chemical Synthesis Laboratory (CHM393H5Y) from a full-year half-credit laboratory course to two half-year half-credit laboratory courses (CHM394H5 and CHM395H5) is to make the earned academic credits more commensurate with the level of the academic discourse as well as the workload for students carrying out laboratory work of two terms duration. This proposed change in the Chemical Synthesis Laboratory will keep the credit weighting the same for all 3rd year Chemistry laboratory courses and it is hoped to also make the courses more attractive for students to take.

No. Hours Instruction: 48P

Offered at St George: No

Revived Course: No

Course #12 CHM395H5 Chemical Synthesis Laboratory II (SCI)

Description: The second in a sequence of two laboratory courses in synthetic chemistry that builds on the foundations established in the former CHM393H5Y. Students choose their own experiments in this course from offerings comprising the synthesis of organic, organometallic and inorganic compounds and in computational chemistry. Techniques such as working at low temperatures and in inert atmospheres (e.g., glove box) are introduced. Depending on the experiments actually chosen, a mixed organic unknown is separated and identified, organic rearrangements and the synthetic chemistry of elements from across the Periodic Table including main group, transition elements and lanthanides are explored. A highlight is an optional four week independent synthesis project in any area of synthetic chemistry adapting procedures from the published, including recent, research literature. [48P]

Prerequisite: CHM394H5

Corequisite: CHM331H5/333H5, 341H5/345H5

Rationale: The proposed change of the present Chemical Synthesis Laboratory (CHM393H5Y) from a full-year half-credit laboratory course to two half-year half-credit laboratory courses (CHM394H5 and CHM395H5) is to make the earned academic credits more commensurate with the level of the academic discourse as well as the workload for students carrying out laboratory work of two terms duration. This proposed change in the Chemical Synthesis Laboratory will keep the credit weighting the same for all 3rd year Chemistry laboratory courses and it is hoped to also make the courses more attractive for students to take.

No. Hours Instruction: 48P

Offered at St George: No

Revived Course: No

Course #13 CHM396H5 Instrumental Laboratory I (SCI)

Description: This laboratory course represents an integration of the study of fundamental physical chemistry with wide-ranging applications to instrumental methods of analysis, such as separation science, electrochemistry and spectroscopy. The course will provide a solid hands-on grounding in many of the major topics covered in analytical and physical chemistry, and the optimization of instrumental analytical measurements by the application of physical principles. Students select from a variety of instruments to customize their program, and develop their own analytical methods to address analytical problems of interest to the student. [48P]

Exclusion: CHM391H5; CHM317Y1, 410Y1; CHMC16H3

Prerequisite: CHM211H5, JCP221H5
CHM211H5

Recommended Preparation:

Rationale: To make the course workload commensurate with the credit weight of the course.
Exclusion: CHM391H5Y is being replaced by CHM396H5F and CHM397H5S

No. Hours Instruction: 48P

Offered at St George: No

Revived Course: No

Course #14 CHM397H5 Instrumental Laboratory II (SCI)

Description: This laboratory course carries on from CHM396 to introduce more advanced topics in instrumental methods of analysis, including: instrument design and computer interfacing, emission spectroscopy, microfluidics and lab on a chip technologies. The course will provide practical experience in the optimization of instrumental analytical measurements, experiment design, and topics of relevance to research in analytical chemistry. [48P]

Prerequisite: CHM396H5

Corequisite: CHM311H5

Rationale: To make the course workload commensurate with the credit weight of the course.

No. Hours Instruction: 48P

Offered at St George: No

Revived Course: No

Course #15 CSC428H5 Human-Computer Interaction (SCI) (SCI)

Description: Understanding human behaviour as it applies to user interfaces: work activity analysis, observational techniques, questionnaire administration and unobtrusive measures. Operating parameters of the human cognitive system, task analysis and cognitive modelling techniques and their application to designing interfaces. Interface representations and prototyping tools. Cognitive walkthroughs, usability studies and verbal protocol analysis. Case studies of specific user interfaces. [24L, 12T]

Exclusion: CSC428H1

Prerequisite: CSC318H5; STA256H5; CSC207H5/proficiency in Java; CGPA 3.0/enrolment in a CSC subject POST.

Rationale: CSC318 has been well-received by students, and we have a faculty member who is interested in teaching a fourth year course in his area.

No. Hours Instruction: 24L 12T

Offered at St George: Yes

Revived Course: No

Recommended Preparation: A course in PSY; CSC209H5.

Course #16 ENV330H5 Experimental Design in Environmental Science (SCI)

Description: This hands-on course introduces students to field methods and integrative problem solving in environmental sciences. Topics will include sampling methods and protocols employed in terrestrial, aquatic and atmospheric assessment and monitoring, as well as experimental design, data analysis and presentation. Practical sessions will involve outdoor field experiences on campus and neighboring areas.

Prerequisite: 13 credits & in any of the Environment Science Programs plus any introductory stats course ie. STA220, BIO360, GGR276 etc.

Rationale: This course will fill a gap in the program curriculum, by providing a practical background in the methodologies employed in environmental science. By building these fundamental skills, students will be better prepared to undertake exercises in field courses and/or practicum courses, as well as enriching their understanding of material presented in upper-level theory-based courses

No. Hours Instruction: 12L, 36P

Offered at St George: No

Revived Course: No

Course #17 GGR322H5 GIS and Population Health (SSc,SCI)

Description: From the earliest reasoning of Hippocrates regarding proximity to stagnate water and the incidence of malaria in city-state populations, to John Snow's geography of cholera in London, England in the mid-1800s, to the World Health Organization, the U.S. Centers for Disease Control, Toronto's Hospital for Sick Children, and other health organization worldwide, we have, for centuries, taken an interest in how our health relates to who we are, our social context, and the environment that surrounds us. Today, using incredibly powerful computing technologies, we can combine expertise in health geography with advanced geographical technologies such as Geographical Information Systems, and data on the location of disease and possible social and environmental risk factors to develop advanced knowledge about population morbidity (i.e., illness) and mortality (i.e., death). Understanding the geography of population morbidity and mortality offers evidence that can be used to guide development of population health interventions.

The purpose of this course will be to develop an appreciation for the conceptual and methodological intersections that exist between geographical information systems and population health. While population health can include incidence and prevalence of disease and ill-health, as well as concerns about service provision, this course will focus mainly on disease, injury, illness more broadly. The course will include both lectures, where foundational concepts will be introduced and related to practical lab sessions, where students will gain experience using GIS to map and study health information. Topics will include: spatial databases for population health, mapping health data, analyzing the spatial clustering of disease and/or injury, mapping and analyzing environmental and social risk factors. Assessment will involve completion of three laboratory assignments, a mid-term test, and a final exam.

Prerequisite: GGR276H5 / GGR278H5 / GGR353H5

Corequisite: GGR353H5

Recommended Preparation: Students should be prepared to use their pre-existing introductory knowledge in geographical information systems, and statistics (at least a very basic working knowledge of descriptive statistics is necessary). Students should also be prepared to write brief reports, and to work independently on assigned tasks.

Rationale: Through our departmental planning the need for additional flexibility at the 3rd year level in the GIS programme was identified. This course will move us toward: (1) being able to offer the students greater choice of courses at the 3rd year, (2) ensuring that in any given year there is a sufficient number of courses on offer to enable students to meet their program requirements for the GIS minor and major programs, and most importantly (3) broadening the scope of our course offer to include an area of application of GIS and spatial science that is of considerable relevance to improving the human condition on the planet. GIS is used as a tool by major public health organizations worldwide such as the World Health Organization, while also being a tool used in planning healthcare services and in studying disease and ill health at more local scales (e.g., individual hospitals and departments within hospitals). As an example, consider that the Toronto's Hospital for Sick Children uses GIS and spatial analysis to study spatial patterns of pediatric injury across the Greater Toronto Area. Students will benefit greatly from gaining exposure to the possibilities GIS offers in helping us understand the geography of disease, ill-health, and the planning of healthcare services.

No. Hours Instruction: 24L, 12P

Offered at St George: No

Revived Course: No

Course #18 GGR335H5 GIS and Remote Sensing Integration (SCI)

Description: Geographic information systems (GIS) and remote sensing comprise the two major components of geographic information science. Although remote sensing and GIS developed quasi-independently, they have become increasingly integrated for modeling and decision-support. The integration of GIS and remote sensing is at the center of a larger trend toward the fusion of different kinds of geospatial data and technologies. The purpose of this course is to familiarize students with the various ways in which GIS and remote sensing have been integrated and used for environmental applications at a range of spatial and temporal scales. The first one-third of the course will explore vector based GIS analysis in the context of physical environment, wildlife habitat, and human activities using ArcGIS software. The second third of the course explores remote sensing fundamentals, image interpretation, land cover mapping, change detection, and integration of raster and vector data using ERDAS IMAGINE software. The course will include lectures, where foundational concepts will be introduced and practical lab sessions, where students will gain experience on the proper use of GIS and remote Sensing technical. There will be guest lectures demonstrating applications of RS and GIS in natural resources management. The final third of the course will be devoted to application projects employing remote sensing and/or GIS data analysis in natural resources and environmental assessments. Assessment will involve completion of three laboratory assignments, a mid-term test, and a final project report.

Prerequisite: GGR276H5 / GGR278H5 / GGR337H5

Corequisite: GGR337H5

Recommended Preparation: Students should be prepared to use their pre-existing introductory knowledge in geographical information systems, and statistics (at least a very basic working knowledge of descriptive statistics is necessary). Students should also be prepared to write reports, and to work independently on assigned tasks.

Rationale: 1) This course will increase the course offerings at the 3rd year level in our GIS Major program. 2) Instruction in remote sensing and GIS have been offered in separate courses as has been traditional. However, the synergism between the two technologies is now quite evident, and technical means to integrate data are rapidly expanding. Next-generation geospatial scientists need to be conversant with both the intellectual foundations and the technical methods by which integrated data analysis can be conducted. This project-oriented course will compel students to consider remote sensing–GIS integration from the perspective of problem-solving rather than of the individual technologies.

No. Hours Instruction: 24L, 12P

Offered at St George: No

Revived Course: No

Course #19 JCP498H5 Teaching Opportunity Program in Sciences (TOPS) (SCI)

Description: A scholarly project in which students integrate and apply their understanding of science and pedagogy by observing, actively participating in, and reflecting on the teaching and learning process under the supervision of an experienced instructor/mentor. Students should plan for the course in March of the previous academic year and register as soon as their registration period begins. Enrolment will depend on the availability of positions. [120P]

Prerequisite: This course is "by Instructor Approval". At least 10.0 courses completed; enrolment in a life, mathematical, or physical science major or specialist program; an average of B-(CGPA 2.7) or higher.

Rationale: The SCI Educ. Program no longer exists and the SCI courses have been deleted. However the course SCI498H5 (TOPS) course should be kept as a possible elective for science students interested in teaching. The course was found valuable by faculty and students.

No. Hours Instruction: 120P

Offered at St George: No

Revived Course: No

Course #20 JGB200H5 Methodological Perspectives on the Biological and Social Determinants of Health (SSc,SCI)

Description: It is widely recognized that human health and development is shaped by a broad set of biological and social factors (e.g., genetics, lifestyle behaviours, socioeconomic status, access to health care). The ways in which health and its determinants are defined (biomedical vs. social perspectives), operationalized, and analysed, vary across disciplines. The goal of this course is to provide students with an introduction to the main theoretical and methodological perspectives of human health that exist within various disciplines (e.g., anthropology, biology, geography, sociology, etc.). The course will cover concepts of health, wellness, disease, evidence-based approaches, research design and implementation, and knowledge translation.

Prerequisite: ANT101H / ANT102H / SOC100H / GGR111H / WGS101H

Rationale: This course will emphasize how health is studied and measured taking into account biological and social science perspectives.

No. Hours Instruction: 36L

Offered at St George: No

Revived Course: No

Courses - Resource Implications

Course #1 ANT101H5 Introduction to Biological Anthropology and Archaeology

Resource implications: No resource implications.

Course #2 ANT200H5 Prehistoric Archaeology

Resource implications: No resource implications

Course #3 ANT201H5 World Prehistory

Resource implications: No resource implications.

Course #4 ANT202H5 Biological Anthropology: Human variation and adaption

Resource implications: No additional resources needed. ANT202H5 and ANT203H5 together will receive the same level of TA support as in previous years for ANT203Y5.

Course #5 ANT203H5 Biological Anthropology: Primatology and palaeoanthropology

Resource implications: No additional resources needed. ANT202H5 and ANT203H5 together will receive the same level of TA support as in previous years for ANT203Y5.

Course #6 ANT211H5 Sex, Evolution and Behaviour

Resource implications: No resources implications.

Course #7 ANT312H5 Archaeological Analysis

Resource implications: No resource implications.

Course #8 ANT317H5 Archaeology of Eastern North America

Resource implications: No resource implications.

Course #9 ANT318H5 Archaeological Fieldwork

Resource implications: The amount of TA contact time will not change, so there are no additional TA funding costs. Space needs are covered by existing department-dedicated labs.

Course #10 ANT331H5 The Biology of Human Sexuality

Resource implications: No resource implications.

Course #11 ANT332H5 Human Origins I: Early Ancestors to *Homo*

Resource implications: No resource implications.

Course #12 ANT333H5 Human Origins II: The genus *Homo*

Resource implications: No resource implications.

Course #13 ANT334H5 Human Osteology

Resource implications: No resource implications.

Course #14 ANT338H5 Laboratory Methods in Biological Anthropology

Resource implications: No resource implications.

Course #15 ANT340H5 Osteological Theory

Resource implications: No resource implications.

Course #16 ANT407H5 Quantitative Methods in Archaeology and Biological Anthropology

Resource implications: No resource implications.

Course #17 ANT415H5 Faunal Archaeo-Osteology

Resource implications: No resource implications.

Course #18 ANT416H5 Advanced Archaeological Analysis

Resource implications: No resource implications.

Course #19 ANT418H5 Advanced Archaeological Fieldwork

Resource implications: The amount of TA contact time will not change, so there are no additional TA funding costs. Space needs are covered by existing department-dedicated labs.

Course #20 ANT430H5 Special Problems in Biological Anthropology and Archaeology

Resource implications: No resource implications.

Course #21 ANT432H5 Special Seminar in Anthropology

Resource implications: No resource implications.

Course #22 ANT436H5 Theory and Methods in Molecular Anthropology

Resource implications: No change in resources needs--same TA support level as in previous years.

Course #23 ANT438H5 The Development of Thought in Biological Anthropology

Resource implications: No resource implications.

Course #24 ANT441H5 Advanced Bioarchaeology

Resource implications: No resource implications.

Course #25 AST101H5 Solar System Astronomy

Resource implications: none

Course #26 AST110H5 Introduction to Astronomical Observations

Resource implications: none

Course #27 AST201H5 Stars and Galaxies

Resource implications: none

Course #28 AST252H5 Cosmic Evolution

Resource implications: none

Course #29 BIO152H5 Introduction to Evolution and Evolutionary Genetics

Resource implications: None

Course #30 BIO153H5 Diversity of Organisms

Resource implications: No financial resource implications.

Course #31 BIO200H5 Introduction to Pharmacology: Pharmacokinetic Principles

Resource implications: None.

Course #32 BIO201H5 The Biology Behind the News

Resource implications: None

Course #33 BIO202H5 Introductory Animal Physiology

Resource implications: TA resource requests have already been submitted to the Office of the Dean.

Course #34 BIO203H5 Introductory Plant Morphology and Physiology

Resource implications: TA resource requests have already been submitted to the Office of the Dean.

Course #35 BIO205H5 Ecology

Resource implications: None

Course #36 BIO206H5 Introductory Cell and Molecular Biology

Resource implications: TA resource requests already submitted to the Office of the Dean.

Course #37 BIO207H5 Introductory Genetics

Resource implications: None.

Course #38 BIO210Y5 Fundamentals of Human Anatomy and Physiology

Resource implications: None.

Course #39 BIO211H5 Dinosaurs and the History of Life

Resource implications: None.

Course #40 BIO304H5 Integrative Animal Physiology I

Resource implications: None.

Course #41 BIO310H5 Integrative Animal Physiology II

Resource implications: None.

Course #42 BIO311H5 Landscape Ecology

Resource implications: None.

Course #43 BIO312H5 Plant Physiology

Resource implications: None.

Courses - Resource Implications

42

Sciences

Course #44 BIO313H5 Field Methods and Quantitative Analyses in Ecology

Resource implications: None.

Course #45 BIO314H5 Laboratory in Cell and Molecular Biology

Resource implications: None.

Course #46 BIO315H5 Human Cell Biology

Resource implications: None.

Course #47 BIO318Y5 Animal Behaviour

Resource implications: None.

Course #48 BIO320H5 Sensory Biology

Resource implications: TA resource requests have already been submitted to the Office of the Dean.

Course #49 BIO325H5 Functional Morphology of Animals

Resource implications: None.

Course #50 BIO326H5 Ornithology

Resource implications: TA resource requests already submitted to the Office of the Dean.

Course #51 BIO328H5 Lectures in Animal Behaviour

Resource implications: None.

Course #52 BIO330H5 Plant Ecology

Resource implications: None.

Course #53 BIO331H5 Ecology of Communities

Resource implications: None.

Course #54 BIO333H5 Freshwater Ecology

Resource implications: None.

Course #55 BIO335H5 Mycology

Resource implications: None.

Course #56 BIO338H5 Forensic Entomology

Resource implications: None.

Course #57 BIO339H5 Plant Identification and Systematics

Resource implications: None.

Course #58 BIO341H5 Advanced Genetics

Resource implications: None.

Course #59 BIO342H5 Evolutionary Biology

Resource implications: TA resource requests have already been submitted to the Office of the Dean.

Course #60 BIO354H5 Vertebrate Form and Function

Resource implications: None.

Course #61 BIO356H5 Major Features of Vertebrate Evolution

Resource implications: None.

Course #62 BIO360H5 Biometrics I

Resource implications: None.

Course #63 BIO370Y5 Microbiology

Resource implications: None.

Course #64 BIO371H5 Microbiology Lectures

Resource implications: None.

Course #65 BIO372H5 Molecular Biology

Resource implications: None.

Course #66 BIO373H5 Microbial Ecology

Resource implications: None.

Course #67 BIO374H5 Modern Biotechnology

Resource implications: None.

Course #68 BIO375H5 Introductory Medical Biotechnology

Resource implications: None.

Course #69 BIO380H5 Human Development

Resource implications: None.

Course #70 BIO403H5 Topics in Neurobiology

Resource implications: None.

Course #71 BIO405H5 Evolutionary Perspectives on Cognition and Behaviour

Resource implications: No financial resource implications.

Course #72 BIO406H5 Current Topics in Ecology and Evolution

Resource implications: None.

Course #73 BIO407H5 Behaviour Genetics

Courses - Resource Implications

44

Sciences

Resource implications: None.

Course #74 BIO409H5 Laboratory in Animal Physiology

Resource implications: None.

Course #75 BIO410H5 Insect Physiology

Resource implications: None.

Course #76 BIO411H5 Topics in Molecular and Cellular Physiology

Resource implications: None.

Course #77 BIO412H5 Climate Change Biology

Resource implications: No financial resource implications.

Course #78 BIO434H5 Social and Developmental Determinants of Human Health

Resource implications: None.

Course #79 BIO445H5 Evolutionary Ecology

Resource implications: None.

Course #80 BIO464H5 Conservation and Biodiversity

Resource implications: None.

Course #81 BIO475H5 Virology

Resource implications: No financial resource implications.

Course #82 BIO476H5 Molecular Basis of Disease

Resource implications: None.

Course #83 BIO477H5 Molecular Biology of Gene Expression and Cancer

Resource implications: None.

Course #84 CHM110H5 Chemical Principles 1

Resource implications: none

Course #85 CHM120H5 Chemical Principles 2

Resource implications: none

Course #86 CHM211H5 Fundamentals of Analytical Chemistry

Resource implications: none

Course #87 CHM231H5 Inorganic Chemistry I

Resource implications: none

Course #88 CHM242H5 Introductory Organic Chemistry I

Courses - Resource Implications

45

Sciences

Resource implications: none

Course #89 CHM243H5 Introductory Organic Chemistry II

Resource implications: none

Course #90 CHM299Y5 Research Opportunity Program

Resource implications: none

Course #91 CHM311H5 Instrumental Analytical Chemistry

Resource implications: none

Course #92 CHM331H5 Inorganic Chemistry II: Advanced Inorganic Chemistry

Resource implications: none

Course #93 CHM333H5 Bioinorganic Chemistry

Resource implications: none

Course #94 CHM341H5 Organic Chemistry: Mechanism and Structure

Resource implications: none

Course #95 CHM345H5 Organic Synthesis

Resource implications: none

Course #96 CHM347H5 Organic Chemistry of Biological Compounds

Resource implications: none

Course #97 CHM361H5 Structural Biochemistry

Resource implications: none

Course #98 CHM362H5 Metabolism and Bioenergetics

Resource implications: none

Course #99 CHM372H5 Techniques in Biological Chemistry I

Resource implications: none

Course #100 CHM373H5 Techniques in Biological Chemistry II

Resource implications: none

Course #101 CHM394H5 Chemical Synthesis Laboratory I

Resource implications: none

Course #102 CHM395H5 Chemical Synthesis Laboratory II

Resource implications: none

Course #103 CHM396H5 Instrumental Laboratory I

Courses - Resource Implications

46

Sciences

Resource implications: none

Course #104 CHM397H5 Instrumental Laboratory II

Resource implications: none

Course #105 CHM399Y5 Research Opportunity Program

Resource implications: none

Course #106 CHM442H5 Developments in Organic Chemistry

Resource implications: none

Course #107 CHM489Y5 Introduction to Research in Chemistry

Resource implications: none

Course #108 CSC104H5 The Why and How of Computing

Resource implications: none

Course #109 CSC108H5 Introduction to Computer Programming

Resource implications: none

Course #110 CSC148H5 Introduction to Computer Science

Resource implications: None

Course #111 CSC207H5 Software Design

Resource implications: None

Course #112 CSC209H5 Software Tools and Systems Programming

Resource implications: None

Course #113 CSC236H5 Introduction to the Theory of Computation

Resource implications: None

Course #114 CSC258H5 Computer Organization

Resource implications: None

Course #115 CSC263H5 Data Structures and Analysis

Resource implications: None

Course #116 CSC290H5 Communication Skills for Computer Scientists

Resource implications: None

Course #117 CSC300H5 Computers and Society

Resource implications: None

Course #118 CSC301H5 Introduction to Software Engineering

Courses - Resource Implications

47

Sciences

Resource implications: None

Course #119 CSC309H5 Programming on the Web

Resource implications: None

Course #120 CSC310H5 Information Theory

Resource implications: None

Course #121 CSC318H5 The Design of Interactive Computational Media

Resource implications: None

Course #122 CSC320H5 Introduction to Visual Computing

Resource implications: None

Course #123 CSC321H5 Introduction to Neural Networks and Machine Learning

Resource implications: None.

Course #124 CSC324H5 Principles of Programming Languages

Resource implications: None

Course #125 CSC338H5 Numerical Methods

Resource implications: None.

Course #126 CSC343H5 Introduction to Databases

Resource implications: None

Course #127 CSC358H5 Principles of Computer Networks

Resource implications: None

Course #128 CSC363H5 Computational Complexity and Computability

Resource implications: None

Course #129 CSC369H5 Operating Systems

Resource implications: None

Course #130 CSC373H5 Algorithm Design and Analysis

Resource implications: None

Course #131 CSC384H5 Introduction to Artificial Intelligence

Resource implications: None.

Course #132 CSC404H5 Video Game Design

Resource implications: None.

Course #133 CSC411H5 Machine Learning and Data Mining

Courses - Resource Implications

48

Sciences

Resource implications: None.

Course #134 CSC428H5 Human-Computer Interaction (SCI)

Resource implications: none

Course #135 CSC448H5 Formal Languages and Automata

Resource implications: None

Course #136 CSC458H5 Computer Networks

Resource implications: None

Course #137 CSC469H5 Operating Systems Design and Implementation

Resource implications: None

Course #138 CSC490H5 Capstone Design Course

Resource implications: None

Course #139 CSC492H5 Computer Science Implementation Project

Resource implications: None

Course #140 CSC493H5 Computer Science Expository Work

Resource implications: None

Course #141 ECO220Y5 Quantitative Methods in Economics

Resource implications: None

Course #142 ENV330H5 Experimental Design in Environmental Science

Resource implications: TA's Teaching Space: Access to a wet lab (sinks, fumehood, etc.) is essential. This is expected to be in place 2015.

Course #143 ENV332H5 Practicum in Environmental Project Management

Resource implications: none

Course #144 ERS103H5 Geology and Public Issues

Resource implications: none

Course #145 ERS120H5 Planet Earth

Resource implications: none

Course #146 ERS201H5 Earth Materials

Resource implications: none

Course #147 ERS202H5 Dynamic Earth

Resource implications: none

Course #148 ERS203H5 Rock Forming Processes

Resource implications: none

Course #149 ERS313H5 Sedimentology

Resource implications: none

Course #150 ERS315H5 Environmental Geology

Resource implications: none

Course #151 ERS319H5 Earth Resources

Resource implications: none

Course #152 ERS321H5 Past and Present Global Change

Resource implications: none

Course #153 ERS325H5 Field Camp I

Resource implications: none

Course #154 ERS470Y5 Research Thesis

Resource implications: none

Course #155 ERS471H5 Research Project

Resource implications: none

Course #156 ERS472H5 Research Project

Resource implications: none

Course #157 FSC315H5 Forensic Biology

Resource implications: no resource implications

Course #158 FSC407H5 Forensic Identification Field School

Resource implications: no resource implications

Course #159 FSC481Y5 Internship in Forensic Science

Resource implications: no resource implications

Course #160 GGR276H5 Spatial Data Analysis and Mapping

Resource implications: NONE

Course #161 GGR305H5 Biogeography

Resource implications: none

Course #162 GGR322H5 GIS and Population Health

Resource implications: TA's

Courses - Resource Implications

50

Sciences

Course #163 GGR335H5 GIS and Remote Sensing Integration

Resource implications: TA's

Course #164 GGR337H5 Environmental Remote Sensing

Resource implications: none

Course #165 GGR379H5 Field Methods in Physical Geography

Resource implications: none

Course #166 GGR407H5 Ecohydrology

Resource implications: none

Course #167 HSC301H5 Data and Information Visualization

Resource implications: None.

Course #168 HSC401H5 Health and Science Communication Design

Resource implications: None.

Course #169 HSC405H5 Digital Forensic Facial Reconstruction

Resource implications: None.

Course #170 JBC472H5 Seminars in Biotechnology

Resource implications: None.

Course #171 JCB487Y5 Advanced Interdisciplinary Research Laboratory

Resource implications: none

Course #172 JCP221H5 Thermodynamics and Kinetics

Resource implications: none

Course #173 JCP321H5 Introduction to Quantum Mechanics

Resource implications: none

Course #174 JCP322H5 Introduction to Statistical Mechanics

Resource implications: none

Course #175 JCP410H5 Modelling of Biochemical Systems

Resource implications: none

Course #176 JCP421H5 Quantum Mechanics

Resource implications: none

Course #177 JCP422H5 NMR Spectroscopy

Resource implications: none

Course #178 JCP463H5 Techniques in Structural Biology

Resource implications: none

Course #179 JCP498H5 Teaching Opportunity Program in Sciences (TOPS)

Resource implications: Faculty Course Coordinator will be required since this will be "by Instructor Approval". Enrolment control to be listed as AP in the timetabling done in January 2014.

Course #180 JEG400Y5 Geography / Environment Science Internship

Resource implications: none

Course #181 JGB200H5 Methodological Perspectives on the Biological and Social Determinants of Health

Resource implications: The course will be co-taught by faculty across Departments starting with Geography and Biology. Depending on enrolments, the course might require teaching assistant support.

Course #182 MAT102H5 Introduction to Mathematical Proofs

Resource implications: None

Course #183 MAT134Y5 Calculus for Life Sciences

Resource implications: none

Course #184 MAT135Y5 Calculus

Resource implications: none

Course #185 MAT137Y5 Calculus

Resource implications: none

Course #186 MAT202H5 Introduction to Discrete Mathematics

Resource implications: None

Course #187 MAT212H5 Modeling with Differential Equations in Life Sciences and Medicine

Resource implications: None

Course #188 MAT223H5 Linear Algebra I

Resource implications: none

Course #189 MAT224H5 Linear Algebra II

Resource implications: None

Course #190 MAT232H5 Calculus of Several Variables

Resource implications: none

Course #191 MAT233H5 Calculus of Several Variables

Resource implications: None

Course #192 MAT236H5 Vector Calculus

Resource implications: None

Course #193 MAT244H5 Differential Equations I

Resource implications: None

Course #194 MAT301H5 Groups and Symmetries

Resource implications: None

Course #195 MAT302H5 Introduction to Algebraic Cryptography

Resource implications: None

Course #196 MAT309H5 Introduction to Mathematical Logic

Resource implications: None

Course #197 MAT311H5 Partial Differential Equations

Resource implications: None

Course #198 MAT315H5 Introduction to Number Theory

Resource implications: None

Course #199 MAT332H5 Introduction to Nonlinear Dynamics and Chaos

Resource implications: None

Course #200 MAT334H5 Complex Variables

Resource implications: None

Course #201 MAT344H5 Introduction to Combinatorics

Resource implications: None

Course #202 MAT378H5 Introduction to Analysis

Resource implications: None

Course #203 MAT382H5 Mathematics for Teachers

Resource implications: None

Course #204 MAT392H5 Ideas of Mathematics

Resource implications: None

Course #205 MAT401H5 Polynomial Equations and Fields

Resource implications: None

Course #206 MAT402H5 Classical Geometries

Resource implications: None

Course #207 MAT405H5 Introduction to Topology

Resource implications: None

Course #208 MAT406H5 Mathematical Introduction to Game Theory

Resource implications: None

Course #209 PHY100H5 What's Physics Got to Do With It?

Resource implications: none

Course #210 PHY136H5 Introductory Physics I

Resource implications: none

Course #211 PHY137H5 Introductory Physics II

Resource implications: none

Course #212 PHY255H5 Introduction to Biomedical Physics

Resource implications: none

Course #213 PHY332H5 Molecular Biophysics

Resource implications: none

Course #214 PHY333H5 Physics of the Cell

Resource implications: none

Course #215 PHY347H5 Optics

Resource implications: none

Course #216 PHY433H5 Medical Physics

Resource implications: none

Course #217 PHY451H5 Classical Electrodynamics

Resource implications: none

Course #218 PSY100Y5 Introductory Psychology

Resource implications: None

Course #219 PSY201H5 Research Design and Analysis in Psychology I

Resource implications: none

Course #220 PSY202H5 Research Design and Analysis in Psychology II

Resource implications: none

Course #221 PSY210H5 Introduction to Developmental Psychology

Courses - Resource Implications

54

Sciences

Resource implications: None

Course #222 PSY220H5 Introduction to Social Psychology

Resource implications: None

Course #223 PSY230H5 Introduction to Personality

Resource implications: None

Course #224 PSY240H5 Introduction to Abnormal Psychology

Resource implications: None

Course #225 PSY270H5 Introduction to Cognitive Psychology

Resource implications: None

Course #226 PSY280H5 Perception

Resource implications: None

Course #227 PSY290H5 Introduction to Physiological Psychology

Resource implications: None

Course #228 PSY299Y5 Research Opportunity Program

Resource implications: None

Course #229 PSY309H5 Experimental Design and Theory

Resource implications: None

Course #230 PSY311H5 Social Development

Resource implications: None

Course #231 PSY312H5 Cognitive Development

Resource implications: None

Course #232 PSY313H5 Adult Development and Aging

Resource implications: None

Course #233 PSY316H5 Infant Perception and Cognition

Resource implications: None

Course #234 PSY319H5 Developmental Psychology Laboratory

Resource implications: None

Course #235 PSY320H5 Social Psychology: Attitudes

Resource implications: None

Course #236 PSY321H5 Cross-cultural Psychology

Courses - Resource Implications

55

Sciences

Resource implications: None

Course #237 PSY324H5 The Science of Wellbeing

Resource implications: None

Course #238 PSY325H5 Psychology of the Self

Resource implications: None

Course #239 PSY327H5 Interpersonal Relationships

Resource implications: None

Course #240 PSY328H5 Psychology and the Law

Resource implications: None

Course #241 PSY329H5 Social/Personality Laboratory

Resource implications: None

Course #242 PSY331H5 Psychological Tests

Resource implications: NONE

Course #243 PSY333H5 Health Psychology

Resource implications: NONE

Course #244 PSY340H5 Abnormal Psychology: Adult Disorders

Resource implications: None

Course #245 PSY341H5 Abnormal Psychology: Disorders of Children and Adolescents

Resource implications: NONE

Course #246 PSY343H5 Theories of Psychotherapy

Resource implications: NONE

Course #247 PSY344H5 Forensic Psychology

Resource implications: NONE

Course #248 PSY352H5 Animal Behaviour

Resource implications: None

Course #249 PSY353H5 Developmental Social Neuroscience

Resource implications: NONE

Course #250 PSY355H5 Animal Behaviour Genetics

Resource implications: None

Course #251 PSY362H5 Animal Cognition

Courses - Resource Implications

56

Sciences

Resource implications: NONE

Course #252 PSY371H5 Higher Cognitive Processes

Resource implications: NONE

Course #253 PSY372H5 Human Memory

Resource implications: NONE

Course #254 PSY379H5 Cognitive Psychology Laboratory

Resource implications: NONE

Course #255 PSY387H5 Psychology of Music

Resource implications: NONE

Course #256 PSY393H5 Human Neuropsychology

Resource implications: NONE

Course #257 PSY399H5 Psychobiology Laboratory

Resource implications: NONE

Course #258 PSY400Y5 Thesis

Resource implications: NONE

Course #259 PSY410H5 Special Topics in Developmental Psychology

Resource implications: NONE

Course #260 PSY415H5 Special Topics in Adult Development and Aging

Resource implications: NONE

Course #261 PSY420H5 Special Topics in Social Psychology

Resource implications: NONE

Course #262 PSY430H5 Special Topics in Personality

Resource implications: NONE

Course #263 PSY440H5 Special Topics in Abnormal Psychology

Resource implications: NONE

Course #264 PSY471H5 Special Topics in Cognitive Psychology

Resource implications: NONE

Course #265 PSY480H5 Special Topics in Perception

Resource implications: NONE

Course #266 PSY490H5 Advanced Topics in Biological Psychology

Courses - Resource Implications

57

Sciences

Resource implications: NONE

Course #267 STA220H5 The Practice of Statistics I

Resource implications: None.

Course #268 STA221H5 The Practice of Statistics II

Resource implications: None.

Course #269 STA256H5 Probability and Statistics I

Resource implications: None

Course #270 STA258H5 Statistics with Applied Probability

Resource implications: None

Course #271 STA260H5 Probability and Statistics II

Resource implications: None

Course #272 STA302H5 Regression Analysis

Resource implications: None

Course #273 STA304H5 Surveys, Sampling and Observational Data

Resource implications: None

Course #274 STA305H5 Experimental Design

Resource implications: None.

Course #275 STA348H5 Introduction to Stochastic Processes

Resource implications: None.

Course #276 STA390H5 Modern Applied Statistics

Resource implications: None

Course #277 STA413H5 Estimation and Testing

Resource implications: None

Course #278 STA437H5 Applied Multivariate Statistics

Resource implications: None

Course #279 STA441H5 Methods of Applied Statistics

Resource implications: None

Course #280 STA457H5 Applied Time Series Analysis

Resource implications: None

Course #281 utm111H5 utmONE: Tools of the Trade

Courses - Resource Implications

58

Sciences

Resource implications: None

Course #282 utm191H5 utmONE Scholars: Science Meets Society

Resource implications: None

Deleted Courses

Course #1 CCT361H5 New Instructional Technologies and Learning Environments

Rationale: This course has not been offered for several years.

Course #2 SOC284H5 Communication and Ethics: Conflict and Controversy in the Media

Rationale: This course is being turned into a third year course.

Course #3 SOC302H5 Sociology of Culture

Rationale: This course is being turned into a broader second year course.

Course #4 SOC339H5 Social and Ecological Issues in Globalization

Rationale: This course is not taught by anyone on our faculty.

Renumbered Courses

Course #1 ENV332H5 Practicum in Environmental Project Management

Before: **ENV232H5**

After: **ENV332H5**

Rationale: By switching ENV232 to a 3rd year offering and changing the prerequisites, students will enter the course with a stronger academic background in general, and with some understanding of research methods. This will allow the students to undertake more complex projects, and the course can focus on project management instruction rather than remedial methods instruction.

Course #2 GGR267H5 India and South Asia

Before: **GGR367H5**

After: **GGR267H5**

Rationale: to create a suite of regional courses at the second year level.

Course #3 GGR269H5 The Changing Geographies of Latin America

Before: **GGR369H5**

After: **GGR269H5**

Rationale: to create a suite of regional courses at the second year level

Course #4 SOC317H5 Shopping and Society

Before: **SOC217H5**

After: **SOC317H5**

Rationale: This course was previously taught at the second year as 217. Cultural Sociology will be the entry point for this stream, so this course will be taught at the next level. It will be one of our larger third year courses. Since this course was already on the books, at the 200 level, this change to the 300 level has no resource implications.

Courses - Description Changes

Course #1 ANT358H5 Field Methods in Sociocultural and/or Linguistic Anthropology

- Before:** This course investigates how sociocultural and/or linguistic anthropologists collect data, conduct fieldwork, and interpret research results. ~~Students complement reading and lectures on method with gaining first-hand experience in carrying out various techniques of anthropological research including interviewing, collecting life histories, participant observation, and project design. Students formulate and complete a research project loosely organized around an annual theme. This course is designed for those students who want to gain skills in research design and practice as well as for those who are thinking about graduate-level work in anthropology or another social science program.~~ [24L]
- After:** This course investigates how sociocultural and/or linguistic anthropologists collect data, conduct fieldwork, and interpret research results. The course will benefit students who want to gain an appreciation of research design and practice and those considering graduate-level work in anthropology or another social science. [24L]
- Rationale:** The description of course content is being made more general, to allow more flexibility in the range of topics covered and to allow a wider range of faculty to teach the course.
-

Course #2 ANT431H5 Special Problems in Sociocultural or Linguistic Anthropology

- Before:** *Supervised independent research in Sociocultural or Linguistic Anthropology.*
- After:** *Special seminar on selected topics in sociocultural and/or linguistic anthropology; focus of seminar changes each year. [24S]*
- Rationale:** Clarify nature of course as currently taught.
-

Course #3 ANT432H5 Special Seminar in Anthropology

- Before:** ~~A research-oriented seminar with topics that may vary from year to year depending on special interests of staff and students.~~
- After:** Special seminar on selected topics in any aspect of anthropology, including one or more sub-fields; focus of seminar changes each year. [24S]
- Rationale:** Clarify nature of course as currently taught.
-

Course #4 CCT224H5 Performance Assessment (DEM)

- Before:** This course ~~will investigate measurement issues relating to managing digital enterprises. It will build on the accounting studied in MGM101H5 but will be a more extensive investigation of the variety of measures that are necessary to provide all the stakeholders in a digital enterprise with useful decision-focused information. The use of this information to direct and control the organization will also be discussed.~~ [24L, 12T]
- After:** This course provides a comprehensive overview of the activities and processes that take place in organizations. Major emphasis is placed on the investigation of the varied measures that can be developed to assess and subsequently improve the performance of the organization. The interpretation of measures in managerial decision-making will also be investigated in detail. [24L]
- Rationale:** Modified the description to represent what is currently being taught.
-

Course #5 CCT322H5 Marketing Information Products and Services (DEM)

- Before:** Techniques for developing a comprehensive marketing strategy will be developed with particular emphasis on digital products and services. The nature of digital markets, approaches to advertising, pricing and such areas as versioning will also be discussed. [24L, 12T]
- After:** Techniques for developing a comprehensive marketing strategy will be developed with particular emphasis on digital products and services. The nature of digital markets, approaches to advertising, pricing and such areas as versioning will also be discussed. [24L]
- Rationale:** Removed the tutorial for this course as it is not applicable to the lecture material being taught.
-

Course #6 CCT333H5 Social Innovation(SH)

Before: ~~All forms of cultural and media expression are created for imagined audiences. The nature and role of audiences will be explored across multiple media. Broadcast models, interactive models, live audience, audience reading, gender, culture, and audience feedback are explored. How do we define our audience in a wired world? [24L, 12T]~~

After: This course introduces students to the strategies and processes of social innovation through usability studies, systems analysis, and artifact prototyping for new products or services for underserved groups. Students will learn various techniques of understanding user needs requirements and design methodologies, and apply this knowledge to create socially innovative prototypes to apply to real world situations. By the end of this course, students will have worked in groups to develop design alternatives for a technological artifact or system of their choosing, gain knowledge of human-centred design strategies and learn how to become change agents through case studies, best practice analyses, and relevant readings.

Rationale: Updating course description to better match current delivery.

Course #7 CCT355H5 E-Business Technologies (SH)(DEM)

Before: ~~Students will study technologies that are essential to the successful establishment of e-business. Students will be introduced to approaches to the processing and management of payments, security and privacy issues, and the technical aspects of Digital Rights Management. [24L, 12T]~~

After: This course focusses on foundational information technology systems used in organizations and the role people, process, context and technology play in defining an organization's information ecology. It will explore issues of change management and reformatting business models to leverage technological, economic and environmental change. [36L]

Rationale: Updating description away from simple e-commerce, which is a largely solved problem, and extending from the baseline established in CCT225H5.

Course #8 CCT434H5 Design Thinking II (SH)

Before: An advanced seminar on the ~~rhetoric~~ of design thinking. Combining ~~research~~ and ~~methodologies of a visionary nature~~, a variety of design ~~and advocacy~~ projects are ~~examined, prototyped and/or implemented~~. This course embraces design as a ~~tool of activism~~ and ~~applies more in-depth theories and integrated~~ principles, such as ~~sustainability~~, futures-thinking, ~~values-based design~~, and metadesign. [36L]

After: An advanced project-based seminar on the art and creative directions of design thinking. Combining traditional and innovative creativity methods, a variety of design projects are conceptualized and drafted for proposal or implementation. This course embraces design thinking as a holistic, interdisciplinary approach that integrates methodical creativity and overarching design principles, such as aesthetics, futures-thinking, progress and metadesign. [36L]

Rationale: Refocusing Design Thinking II to follow and expand from Design Thinking I.

Course #9 CSC108H5 Introduction to Computer Programming

Before: **The following course, CSC148H5 requires Grade 12 Advanced Functions (MHF4U) and Grade 12 Calculus and Vectors (MCV4U).**

After:

Rationale: #1 Practicals are always available, and the requirement of attendance can be made explicit in a syllabus, if necessary.
#2 Delete the pre-requisite requirements for CSC148H5 - not related to CSC108H5.

Course #10 CSC108H5 Introduction to Computer Programming

Before: Structure of computers; the computing environment. Programming in a language such as Python. Program structure: elementary data types, statements, control flow, functions, classes, objects, methods, fields. List: searching, sorting and complexity. **Practical (P) sections consist of supervised work in the computing laboratory. These sections are offered when facilities are available, and attendance is required.** [36L, 24P]

After: Structure of computers; the computing environment. Programming in a language such as Python. Program structure: elementary data types, statements, control flow, functions, classes, objects, methods, fields. List: searching, sorting and complexity. [36L, 24P]

Rationale: #1 Practicals are always available, and the requirement of attendance can be made explicit in a syllabus, if necessary.
#2 Delete the pre-requisite requirements for CSC148H5 - not related to CSC108H5.

Course #11 CSC148H5 Introduction to Computer Science

Before: Abstract data types and data structures for implementing them. Linked data structures. Encapsulation and information-hiding. Object-oriented programming. Specifications. Analyzing the efficiency of programs. Recursion. This course assumes programming experience in a language such as Python, C++, or Java, as provided by CSC108H5. Students who already have this background may consult the Computer Science faculty advisor for advice about skipping CSC108H5. **Practical (P) sections consist of supervised work in the computing laboratory. These sections are offered when facilities are available, and attendance is required.** [36L, 24P]

After: Abstract data types and data structures for implementing them. Linked data structures. Encapsulation and information-hiding. Object-oriented programming. Specifications. Analyzing the efficiency of programs. Recursion. This course assumes programming experience in a language such as Python, C++, or Java, as provided by CSC108H5. Students who already have this background may consult the Computer Science faculty advisor for advice about skipping CSC108H5. [36L, 24P]

Rationale: Practicals are always available, and the requirement of attendance can be made explicit in a syllabus, if necessary.

Course #12 CSC236H5 Introduction to the Theory of Computation

Before: Mathematical induction; correctness proofs for iterative and recursive algorithms; recurrence equations and their solutions (including the "Master Theorem"); introduction to automata and formal languages. **(This course replaces CSC238H5)** [24L, 12T]

After: Mathematical induction; correctness proofs for iterative and recursive algorithms; recurrence equations and their solutions (including the "Master Theorem"); introduction to automata and formal languages. [24L, 12T]

Rationale: Tidying up old courses.

Course #13 ECO400Y5 Economics Internship

Before: Through a part time, unpaid, 200-hour work placement, fourth year students apply economics content and skills. Placements are made throughout the GTA in both the private and public sectors. Successful candidates gain an opportunity to enhance their University experience through on-site work placements providing the possibility to develop skill sets within a business setting. Monthly class meetings plus year-end report and presentation are required. This opportunity is aimed at non-Commerce students with a high CGPA. Apply to Course Director: Professor K. Wong

Room #114C Kaneff Centre Email: kn.wong@utoronto.ca

After: Through a part time, unpaid, 200-hour work placement, fourth year students apply economics content and skills. Placements are made throughout the GTA in both the private and public sectors. Successful candidates gain an opportunity to enhance their University experience through on-site work placements providing the possibility to develop skill sets within a business setting. Monthly class meetings plus year-end report and presentation are required.

Application deadline for this course is February of previous year. Late applications will not be accepted. This opportunity is aimed at non-Commerce students with a high

CGPA. Apply to Course Director: Professor K. Wong

Email: kn.wong@utoronto.ca

Rationale: Added one line to clarify course instructions:
Application deadline for this course is February of previous year.
Late applications will not be accepted.

Removed room number during temporary room allocations.

Course #14 ECO412Y5 Public Economics

Before: This course ~~covers a special topic in Public Economics. The content relates to the instructor's area of interest examining the~~ role of government in the economy and ~~why government chooses the actions it does.~~ For example, using theoretical and empirical ~~methods~~ we analyze how labour income taxes affect welfare and the role of unemployment benefits in increasing the well-being of unemployed workers. ~~A more detailed course description is available on the Economics Department website, www.utm.utoronto.ca/economics~~

After: This year-long course examines the role of the government in the economy. It provides an understanding for how government's actions affect the economy and what the appropriate government policies should be. The course covers topics such as tax policy, social insurance programs, including retirement pensions and

unemployment insurance, public goods provision and education. For example, using theoretical and empirical methods, we analyze how labour income taxes affect welfare and the role of unemployment benefits in increasing the well-being of unemployed workers. The course also studies why government chooses the actions it does. By applying concepts from Political Economics, it investigates how institutions of government s decision making influences the chosen policies. We compare policy choices in democratic countries to nondemocracies, but also investigate how different institutions within democracies affect the incentives of politicians. The course is both theoretical and empirical and will provide methods used in applied microeconomics.

Rationale: Remove Special Topics from title as this will become regular course.
More complete course description was required.

Course #15 ECO412Y5 Public Economics

Before:

After: *ECO336Y5: Public Economics compliments this course but is not considered a prerequisite for it.*

Rationale: Remove Special Topics from title as this will become regular course.
More complete course description was required.

Course #16 ERI260H5 Organizational Behaviour

Before: (Formerly WDW260H5) Introduction to the nature of organizations and the behaviour of individuals and groups within organizations, including such topics as culture and diversity, reward systems, motivation, leadership, politics, communication, decision-making, conflict, group processes and organizational change. Not recommended for students in Management programs **[36L]**

After: (Formerly WDW260H5) Introduction to the nature of organizations and the behaviour of individuals and groups within organizations, including such topics as culture and diversity, reward systems, motivation, leadership, politics, communication, decision-making, conflict, group processes and organizational change. **[36L]** Not recommended for students *going into or in Commerce and Management programs or Digital Enterprise Management.*

Rationale: Changed sentence "Not recommended for students in Management programs" to read "Not recommended for students going into or in Commerce and Management programs or Digital Enterprise Management" at request of Management Department and ICCIT.

Course #17 GGR209H5 Economic Geography

Before: ~~This course uses economic principles and geographical analysis in order to understand the global economic map of the early 21st century. Topics covered include transnational corporations, state policies, new technologies, trade agreements and inequalities.~~ [24L]

After: An introduction to the interaction of the economic, social and political institutions that determine the quality of life in a particular place. Subjects covered range from economic efficiency and social equity to the location dynamics of value chains. The emphasis of the course is on Canadian examples. [24L]

Rationale: new description better reflects course focus and content.

Course #18 GGR325H5 Business and Industrial Geography

Before: ~~Modern theoretical spatial economics. Land use theory, central place theory, locational analysis, and transport processes. Planning and policy questions.~~ [24L]

After: This course uses economic principles and geographical analysis to help you understand the global economic map of the early 21st century. It aims to show the way in which economic activities are organized within and across countries and how this affects people and communities. Both broad patterns of economic organization and specific case studies will be discussed. Topics covered range from the impact of public policy on regional growth to a case study of the financial services industries. In short, the course attempts to answer the following question about the global economic map: "What is where, and why? and so what?". [24L]

Rationale: new description better reflects course focus and content.

Course #19 GGR418H5 Geopolitics

Before: ~~Political geography is concerned with the spatial expression of political entities and events. It involves analysis at a variety of scales ranging from the local to the global. The control and manipulation of territory and the imposition of political boundaries and political ideas are central to this analysis. This course provides an introduction to~~ classical and contemporary geopolitical theories. We examine different and competing ideas and consider how and if geographic logic of the international (or global) political order has changed. Discussion will initially focus on the historical progression of geopolitical reasoning ~~beginning with the creation of the State~~ and then will proceed to discuss imperial rivalries, concepts of hegemony and world order and the geopolitics of the Cold War and the post-Cold War eras. The final section of the course will consider theoretical struggles surrounding the geopolitics in the early 21st. century and the challenges posed by critical geopolitics, social movements, environmental changes and feminist theory. Throughout, the primary concern is how the effects of scale, space and power in global politics is understood and experienced. ~~[24L]~~

After: The course focus is classical and contemporary geopolitical theories. We examine different and competing ideas and consider how and if geographic logic of the international (or global) political order has changed. Discussion will initially focus on the historical progression of geopolitical reasoning and then will proceed to discuss imperial rivalries, concepts of hegemony and world order and the geopolitics of the Cold War and the post-Cold War eras. The final section of the course will consider theoretical struggles surrounding the geopolitics in the early 21st. century and the challenges posed by critical geopolitics, social movements, environmental changes and feminist theory. Throughout, the primary concern is how the effects of scale, space and power in global politics is understood and experienced. [24L]

Rationale: New course description better reflects the focus of the course and the material covered in class and in readings.

Course #20 HSC301H5 Data and Information Visualization

Before:

After: ***HSC200H5 will be the pre-requisite for this course beginning in 2015-16.***

Rationale:

Course #21 HSC401H5 Health and Science Communication Design

Before:

After: ***HSC200H5 will be the pre-requisite for this course beginning in 2015-16.***

Rationale:

Course #22 JCB487Y5 Advanced Interdisciplinary Research Laboratory

Before: ***Evaluation: As these are team-based projects, identical grades will be awarded to all members of a given team. This is a balloted course.***

After:

Rationale:

Course #23 JCP410H5 Modelling of Biochemical Systems

Before: Offered in alternate years with JCP422H5. ***Offered*** in ***2013-14.***

After: Offered in alternate years with JCP422H5. ***Not offered*** in ***2014-15.***

Rationale:

Course #24 JCP421H5 Quantum Mechanics

Before: Offered in alternate years with PHY451H5. ***Not offered*** in ***2013-14.***

After: Offered in alternate years with PHY451H5. ***Offered*** in ***2014-15.***

Rationale:

Course #25 JCP422H5 NMR Spectroscopy

Before: Offered in alternate years with JCP410H5. ***Not offered*** in ***2013-14.***

After: Offered in alternate years with JCP410H5. **Offered** in **2014-15**.

Rationale:

Course #26 JCP463H5 Techniques in Structural Biology

Before: **Not offered in 2013-14.**

After:

Rationale:

Course #27 MGM300H5 Organizational Behaviour

Before: Using concepts from psychology and the social sciences to understand processes of managing and organizing, the course will explore life in organizations, the analytical tools that can help make sense of the behaviours exhibited by organizational members, and approaches to becoming an effective organizational member. **[24L, 8T]**

After: Using concepts from psychology and the social sciences to understand processes of managing and organizing, the course will explore life in organizations, the analytical tools that can help make sense of the behaviours exhibited by organizational members, and approaches to becoming an effective organizational member. **[24L]**

Rationale: Removal of tutorial: The tutorial is no longer necessary as the instructor makes better use of class time and conducts tutorial activities during class time and during office hours. There is also no mid term which also frees up time for tutorial activities.

Course #28 MGT437H5 Strategy and Governance

Before: ~~The course examines theoretical and empirical issues in corporate governance. It analyzes specific mechanisms for resolving conflicts among various stakeholders of the firm, evaluating alternative corporate governance practices. The course also analyzes fundamental issues linking legal and financial systems and addresses the question, how does a country's legal system affect its level of financial development and firms' cost of capital?~~ [24L]

After: This course covers concepts in strategic management and focuses on the role of corporate governance in formulating, implementing and monitoring firm's strategic objectives. Although the course will cover economic foundations of strategy, market, industry and competitive analysis, the main focus will be on the internal operations of an organization. Corporate governance will be examined in the broad sense of the term and will include an overview of country-level legal environment, regulatory agencies, stock market, and firm's board of directors. The objective of the course is to enhance students understanding the operating tensions facing firms and the means of addressing such tensions through country-level and firm-level corporate governance systems. [24L]

Rationale: The course content will be repositioned to emphasize the connection between economics, strategy and governance in determining and analyzing how corporations add value in the economy. One of the primary goals of the course is to explicitly encourage integrative thinking across the disciplines of economics and management and within the sub-disciplines of both.

Course #29 PHY136H5 Introductory Physics I

Before: Students without Grade 12 Physics (SPH4U) ~~require~~ P.I.

After: Students without Grade 12 Physics (SPH4U) can be granted P.I. based on their performance in Grade 11 Physics (SPH3U) or in the other mathematical and physical sciences. Students who already passed successfully the university level course PHY100H5 (minimum grade of 70%) are also acceptable in PHY135H5.

Rationale:

Course #30 PHY332H5 Molecular Biophysics

Before: Offered in alternate years, alternating with PHY333H5. **Offered** in **2013-14**.

After: Offered in alternate years, alternating with PHY333H5. **Not offered** in **2014-15**.

Rationale:

Course #31 PHY333H5 Physics of the Cell

Before: Offered in alternate years, alternating with PHY332H5. **Not offered** in **2013-14**.
After: Offered in alternate years, alternating with PHY332H5. **Offered** in **2014-15**.
Rationale:

Course #32 PHY451H5 Classical Electrodynamics

Before: Offered in alternating years, alternating with JCP421H5. **Offered** in **2013-14**.
After: Offered in alternating years, alternating with JCP421H5. **Not offered** in **2014-15**.
Rationale:

Course #33 PSY220H5 Introduction to Social Psychology

Before: A survey of classic and contemporary research in social psychology. Topics include **attitudes and interpersonal relations, group processes, and culture**. [36L]
After: A survey of classic and contemporary research in social psychology. Topics include **the self, social cognition, attitudes, social influence, relationships, emotions, culture, stereotyping, altruism and aggression**. [36L]
Rationale: The original course description is a bit too narrow, given that most textbooks cover a broader range of topics. In addition, the field has grown considerably in breadth in the past couple of decades. For example, most textbooks include chapters on emotions, stereotyping, and altruism and aggression--topics that were not included in the original course description.

Course #34 PSY240H5 Introduction to Abnormal Psychology

Before: A survey of contemporary issues in theory and research on abnormal behaviour and its treatment. Topics include the definition of abnormal behaviour, causes and treatment of disorders, diagnosis and assessment, incidence and prevalence, biological and psychological interventions, prevention, as well as legal and ethical issues. **Does not focus on specific disorders**. [36L]
After: A survey of contemporary issues in theory and research on abnormal behaviour and its treatment. Topics include the definition of abnormal behaviour, causes and treatment of disorders, diagnosis and assessment, incidence and prevalence, biological and psychological interventions, prevention, as well as legal and ethical issues. [36L]
Rationale: We request to delete the last sentence in the course description (i.e., "does not focus on specific disorders") because textbooks in abnormal psychology typically provide an overview of specific mental health disorders.

Course #35 PSY340H5 Abnormal Psychology: Adult Disorders

Before: ~~An examination of current theory and research related to the origin and treatment of specific psychological disorders. Biological and psychological approaches will be considered, with special emphasis on social learning theories and cognitive-behavioural interventions.~~ [36L]
After: This advanced course provides an in-depth examination of current theory and research related to the origin, diagnosis, classification and treatment of adulthood psychological disorders. Readings and discussion will provide a biopsychosocial framework from which to explore contemporary explanations of psychopathology. Students will investigate how culture, societal norms, and environmental factors may shape what is considered to be abnormal adult behaviour. [36L]
Rationale: There are two main reasons why the description for PSY340 needed revision. The first was to differentiate the course from PSY240: Introduction to Abnormal Psychology. The new description makes clear that PSY340 is an advanced course with an in-depth exploration of adult disorders. The second reason was to give students a clear picture that the course is taught from a biopsychosocial perspective, taking into account culture, societal norms and environmental factors that shape the definition and diagnosis of abnormal behaviour in modern day. This latter reason indicates that this course is taught from the most current perspective in the field of abnormal psychology.

Course #36 SOC356H5 Population and Society

Before: ~~The~~ course will discuss interrelationship between human population and societal issues such as aging, reproductive health, gender, environment, and social policy. ~~Population~~ structure and dynamics ~~are examined~~ in relation to social, economic, political, and cultural elements of change in both developing and developed world. ~~[24L]~~
After:

This course will discuss interrelationship between human population and societal issues such as aging, reproductive health, gender, environment, and social policy. *It will examine population* structure and dynamics in relation to social, economic, political, and cultural elements of change in both developing and developed world. *It will also examine historical population policy developments and the diversified national policies in relation to policy formulation, implementation, and effectiveness.*

Rationale: This course revises the description to reflect additional policy content and make explicit its link with our Social Policy Stream. It will be taught by the same tenured Professor and thus has no resource implications.

Course #37 utm110H5 utmONE: Building Global Justice

Before: ~~*This course is only open to first-year students in the following streams: Social Sciences (including Anthropology BA, Environmental Management BA, and Geography BA); Communication, Culture, & Information Technology; Management/Business; and Commerce*~~

After:

Rationale: The description was altered slightly to adjust for a greater inclusion of humanities.

Course #38 utm110H5 utmONE: Building Global Justice

Before: This course focuses on themes of social justice, global change, and conflict through the lens of multiple **social science** disciplines. Through the exploration of concepts such as class, race, gender, and power on a global level, students will be involved in assignments and small group activities that develop and refine key skills **relevant to the social sciences.** [24L, 12T]

After: This course focuses on themes of social justice, global change, and conflict through the lens of multiple disciplines. Through the exploration of concepts such as class, race, gender, **religion, culture,** and power on a global level, students will be involved in assignments and small group activities that develop and refine key skills **that contribute to student success in university courses.** [24L, 12T]

Rationale: The description was altered slightly to adjust for a greater inclusion of humanities.

Course #39 utm111H5 utmONE: Tools of the Trade

Before: ~~*This course is only open to first-year students in the following streams: Chemical & Physical Sciences (including Environmental Science, Geographic Information Systems, and Geography BSc); Life Sciences (including Anthropology BSc); Psychology; Computer Science, Mathematics, & Statistics; Forensic Science; Concurrent Teacher Education Program*~~

After:

Rationale: The deletion of the Science departments allows for the inclusion of Social Science perspectives.

Course #40 utm111H5 utmONE: Tools of the Trade

Before: This course is an introduction to common computational tools with an emphasis on their use in solving **problems in areas such as Psychology, Biology, Chemistry, Physics, Mathematics, Computer Science, etc.** The course covers common tools such as databases and spreadsheets and how they are used to gather, understand, visualize and manipulate information. Tutorial (T) sections consist of supervised work in the computer laboratory. No programming experience is necessary. [24L, 12T]

After: This course is an introduction to common computational tools with an emphasis on their use in solving **problems.** The course covers common tools such as databases and spreadsheets and how they are used to gather, understand, visualize and manipulate information. Tutorial (T) sections consist of supervised work in the computer laboratory. No programming experience is necessary. [24L, 12T]

Rationale: The deletion of the Science departments allows for the inclusion of Social Science perspectives.

Course #41 utm111H5 utmONE: Tools of the Trade

Before: This course is an introduction to common computational tools with an emphasis on their use in solving **problems in areas such as Psychology, Biology, Chemistry, Physics, Mathematics, Computer Science, etc.** The course covers common tools such as databases and spreadsheets and how

they are used to gather, understand, visualize and manipulate information. Tutorial (T) sections consist of supervised work in the computer laboratory. No programming experience is necessary. [24L, 12T]

After: This course is an introduction to common computational tools with an emphasis on their use in solving **problems**. The course covers common tools such as databases and spreadsheets and how they are used to gather, understand, visualize and manipulate information. Tutorial (T) sections consist of supervised work in the computer laboratory. No programming experience is necessary. [24L, 12T]

Rationale: The deletion of the Science departments allows for the inclusion of Social Science perspectives.

Course #42 utm111H5 utmONE: Tools of the Trade

Before: ~~This course is only open to first-year students in the following streams: Chemical & Physical Sciences (including Environmental Science, Geographic Information Systems, and Geography BSc); Life Sciences (including Anthropology BSc); Psychology; Computer Science, Mathematics, & Statistics; Forensic Science; Concurrent Teacher Education Program~~

After:

Rationale: The deletion of the Science departments allows for the inclusion of Social Science perspectives.

Course #43 utm112H5 utmONE: Power and Danger of Expression

Before: ~~This course is only open to first-year students in the following streams: Humanities (including Languages, History, Philosophy, and Women and Gender Studies); Visual Studies; Theatre and Drama; and Concurrent Teacher Education Program~~

After:

Rationale: The description was altered slightly to adjust for the broadening of topics that can be explored through this course.

Course #44 utm112H5 utmONE: Power and Danger of Expression

Before: ~~Studying classic and contemporary works of art, literature, history and/or philosophy, this~~ course asks big questions about what ~~art~~ is, how it influences society, and what role it plays in people's lives. Students will ~~be involved in~~ assignments and small group activities that develop and refine key skills relevant to the ~~humanities~~. [24L, 12T]

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

Rationale: The description was altered slightly to adjust for the broadening of topics that can be explored through this course.

Course #45 utm191H5 utmONE Scholars: Science Meets Society

Before: *The* course **brings students in contact with the methods of science with respect to** complex **breaking** research questions in **health and the environment** that require creative, multidisciplinary thinking. Students will hone skills in research and presentation. [24S]

After: *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]

Rationale: The description was altered to better balance the science and social science disciplines.

Course #46 utm191H5 utmONE Scholars: Science Meets Society

Before: *The* course **brings students in contact with the methods of science with respect to** complex **breaking** research questions in **health and the environment** that require creative, multidisciplinary thinking. Students will hone skills in research and presentation. [24S]

After: *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]

Rationale: The description was altered to better balance the science and social science disciplines.

Changes in Course Name

Course #1 ANT208H5 The Culture Machine:The Anthropology of Everyday Life

Before: The *Cool* Culture *Soul Machine: The* Anthropology of Everyday Life

After: The Culture *Machine:The* Anthropology of Everyday Life

Rationale: Allows the course to be taught by a broader range of faculty.

Course #2 ANT310H5 Political Anthropology of Ancient States

Before: *Complex Societies*

After: *Political Anthropology of Ancient States*

Rationale: More accurately reflects the course content as taught. More clearly draws attention to links between this course and anthropology courses on modern states.

Course #3 ANT322H5 Anthropology of Youth

Before: Anthropology of *Youth: Cool Capitalism and its Rebels*

After: Anthropology of *Youth*

Rationale: Change in title is to reflect broader content of course as taught, and allow teaching by a wider range of faculty.

Course #4 ANT358H5 Field Methods in Sociocultural and/or Linguistic Anthropology

Before: *Doing Anthropology:* Field Methods in Sociocultural *and* Linguistic Anthropology

After: Field Methods in Sociocultural *and/or* Linguistic Anthropology

Rationale: Title shorter and less ambiguous; closer to parallel titles in other sub-disciplines.

Course #5 CCT205H5 Digital Innovation and Cultural Transformation

Before: Digital Innovation and Cultural Transformation *(SH)*

After: Digital Innovation and Cultural Transformation

Rationale: We have removed the (SH) designation from the end of the course title. It is more appropriate for this course to be taught at UTM rather than at Sheridan.

Course #6 CCT300H5 Critical Analysis of Media

Before: Critical Analysis of Media *(SH)*

After: Critical Analysis of Media

Rationale: We have removed the (SH) designation from the end of the course title. It is more appropriate for this course to be taught at UTM rather than at Sheridan.

Course #7 CCT333H5 Social Innovation(SH)

Before: *Imagining Audience in a Wired World (SH)*

After: *Social Innovation(SH)*

Rationale: Updating course name to better match current delivery.

Course #8 CCT480H5 User Integrated Design for Interaction (IDM)

Before: *Human Computer* Interaction *and Communication* (IDM)

After: *User Integrated Design for* Interaction (IDM)

Rationale: This name better reflects content of this Interactive Digital Media Specialist course.

Course #9 ECO412Y5 Public Economics

Before: *Special Topics:* Public Economics

After: Public Economics

Rationale: Remove Special Topics from title as this will become regular course.

Course #10 GGR202H5 Geography of Canada

Before: *Where in Canada?*

After: *Geography of Canada*

Rationale: The title change removes confusion over course focus and content.

Course #11 GGR208H5 Population Geography

Before: *Places and People*

After: *Population Geography*

Rationale: The title change removes confusion over course focus and content.

Course #12 GGR209H5 Economic Geography

Before: *People, Money and Places*

After: *Economic Geography*

Rationale: The title change removes confusion over course focus and content.

Course #13 GGR313H5 Gender and the City

Before: *Sex* and the City

After: *Gender* and the City

Rationale: The title change removes confusion over course focus and content

Course #14 GGR325H5 Business and Industrial Geography

Before: *Economic* Geography

After: *Business and Industrial* Geography

Rationale: better reflects course focus and content

Course #15 GGR370H5 The Geography of Transportation

Before: *Planes, Trains, and Automobiles:* The Geography of Transportation

After: The Geography of Transportation

Rationale: The title change removes confusion over course focus and content.

Course #16 JEG400Y5 Geography / Environment Science Internship

Before: *Joint Environmental Science / Physical* Geography Internship

After: Geography / *Environment Science* Internship

Rationale: The title change better reflects the course focus and content.

Course #17 JEG401Y5 Geography / Environment Social Science Internship

Before: *Joint Environmental Management/Human* Geography Internship

After: Geography / *Environment Social Science* Internship

Rationale: The title change better reflects the course focus and content.

Course #18 MGD426H5 Enterprise Risk Management

Before: Risk Management *for Digital Industries*

After: *Enterprise* Risk Management

Rationale: The name change more accurately reflects course content.

Course #19 MGM290H5 Business Law

Before: *Regulatory Issues*

After: *Business Law*

Rationale: The title 'Business Law' better describes the course content.

Course #20 MGM400H5 Strategic Management in a Competitive Environment

Before: *Special Topics in* Management

After: *Strategic* Management *in a Competitive Environment*

Rationale: This is a capstone course for the Management students. It is listed as a Special Topics course and should have a permanent course name.

Course #21 MGT437H5 Strategy and Governance

Before: *Corporate* Governance

After: *Strategy and* Governance

Rationale: We are proposing to change the title of this course from Corporate Governance to Strategy and Governance in order to emphasize the role of strategic economic decision-making within corporations.

Course #22 PSY352H5 Animal Behaviour

Before: *Introduction to* Animal Behaviour

After: Animal Behaviour

Rationale: This will not be an introductory course anymore now that it is moved to 3rd year.

Course #23 PSY355H5 Animal Behaviour Genetics

Before: *Introduction to* Animal Behaviour Genetics

After: Animal Behaviour Genetics

Rationale: While course is an introduction to the topic it is not an introductory level course. We are hoping that will be clearer by elimination "Introduction" from the title but keeping it in the description.

Course #24 utm112H5 utmONE: Power and Danger of Expression

Before: utmONE: Power and Danger of *Art*

After:

utmONE: Power and Danger of **Expression**

Rationale: This name change broadens the pool of topics from which this course can draw from.

Course #25 utm191H5 utmONE Scholars: Science Meets Society

Before: utmONE Scholars: **Thinking Like a Scientist**

After: utmONE Scholars: **Science Meets Society**

Rationale: This name change more accurately reflects the course content.

Course #26 utm191H5 utmONE Scholars: Science Meets Society

Before: utmONE Scholars: **Thinking Like a Scientist**

After: utmONE Scholars: **Science Meets Society**

Rationale: This name change more accurately reflects the course content.

Courses - Other Changes

Course #1 ANT102H5 Introduction to Sociocultural and Linguistic Anthropology

Before: Course Exclusion: **ANT100Y5**

After: Course Exclusion: **ANT100Y1, ANTA02H3**

Rationale: ANT100Y5 has not been taught for many years, so longer necessary to list (advice from the Registrar).

Update in course exclusions.

Course #2 ANT204H5 Sociocultural Anthropology

Before: Prerequisite: **ANT102H5/100Y5 Course** Exclusion: **ANT204Y5**

After: Prerequisite: **ANT102H5 Course** Exclusion: **ANT204Y5, ANT207H1, ANTB19H3**

Rationale: ANT100Y5 has not been taught for many years, so no longer necessary to list (advice from Registrar).

Update in course exclusions

Course #3 ANT206H5 Culture and Communication

Before: Prerequisite: **ANT102H5/100Y5 Course** Exclusion: **ANT206Y5**

After: Prerequisite: **ANT102H5 Course** Exclusion: **ANT206Y5, ANT253H1, ANTB21H3**

Rationale: ANT100Y5 has not been taught for many years, so no longer necessary to list (advice from Registrar).

Update in course exclusions.

Course #4 ANT335H5 Anthropology of Gender

Before: Course Exclusion: **ANT331Y5, 343Y1 Recommended** Preparation: **ANT203Y5**

After: Course Exclusion: **ANT331H5, ANT343Y1, ANT343H1 Recommended** Preparation: **ANT(202H5, 203H5)**

Rationale: Update in course exclusions and recommended preparation -ANT203Y5 divided into two half courses.

Course #5 ANT350H5 Globalization and the Changing World of Work

Before: Course Exclusion:

After: Course Exclusion: **ANT350H1**

Rationale: Update in course exclusion.

Course #6 ANT351H5 Money, Markets, Gifts: Topics in Economic Anthropology

Before: Course Exclusion:

After: Course Exclusion: **ANT378H1, ANTC19H3, ANTC20H3**

Rationale: Update in course exclusions.

Course #7 ANT352H5 Protest, Power and Authority: Topics in Political Anthropology

Before: Course Exclusion:

After: Course Exclusion: **ANTC32H3**

Rationale: Update in course exclusion.

Course #8 ANT357H5 Nature, People and Power: Topics in Environmental Anthropology

Before: Course Exclusion: ANT457H5

After: Course Exclusion: **ANT351H1**, ANT457H5

Rationale: Update in course exclusions.

Course #9 ANT358H5 Field Methods in Sociocultural and/or Linguistic Anthropology

Before: Course Exclusion:

After: Course Exclusion: **ANT369H1, ANTC60H3**

Rationale: Update in course exclusions.

Course #10 ANT360H5 Anthropology of Religion

Before: Course Exclusion: **ANT209Y5, JAR360H5**

After: Course Exclusion: **ANT356H1, ANTC33H3**

Rationale: Update in course exclusions.

Course #11 ANT363H5 Magic and Science

Before: Prerequisite:

After: Prerequisite: **ANT204H5/ANT207H5/ANT204Y5**

Rationale: Update in course prerequisite. This change was made at the request of the course instructor.

Course #12 ANT431H5 Special Problems in Sociocultural or Linguistic Anthropology

Before: Prerequisite: **P.I.**

After: Prerequisite: **1.0 credits in 300 level anthropology courses and departmental approval.**

Rationale: Clarify experience level and close loophole by which students jump to this class with only 200-level course background.

Course #13 ANT432H5 Special Seminar in Anthropology

Before: Prerequisite: **P.I.**

After: Prerequisite: **1.0 credits in 300 level anthropology courses and departmental approval.**

Rationale: Clarify experience level and close loophole by which students jump to this class with only 200-level course background.

Course #14 ANT460H5 Theory in Sociocultural Anthropology

Before: Course Exclusion:

After: Course Exclusion: **ANTD24H3**

Rationale: Update in course exclusion.

Course #15 BIO477H5 Molecular Biology of Gene Expression and Cancer

Before: Recommended Preparation: BIO314H5, **315H5**

After: Recommended Preparation: BIO314H5, **BIO315H5**

Rationale: Changes made to make pre-requisites more clear to students.

Course #16 CCT210H5 Signs, Referents, and Meaning

Before: Course Exclusion: **VIC120Y1, CCT213H5**

After: Course Exclusion: **CCT213H5, VIC223Y1**

Rationale: Have replaced VIC120Y1 with VIC223Y1 Signs, Meanings and Culture which is more closely related to the content of CCT210H5 and CCT213H5.

Course #17 CCT213H5 Meaning and Interpretation (IDM)

Before: Course Exclusion: **CCT210H5**

After: Course Exclusion: **CCT210H5, VIC223Y1**

Rationale: Have replaced VIC120Y1 with VIC223Y1 Signs, Meanings and Culture which is more closely related to the content of CCT213H5 and CCT210H5.

Course #18 CCT224H5 Performance Assessment (DEM)

Before: Prerequisite: **MGM101H5**

After: Prerequisite: **CCT109H5, CCT110H5**

Rationale: Changed MGM101H5 to CCT109H5 and CCT110H5 so that the course is made possible for CCIT Major students to take as well as DEM students.

Course #19 CCT225H5 Information Systems (DEM)

Before: Prerequisite: **MGM101H5**; CCT224H5 **Course** Exclusion: CCT325H5; MGM371H5; **MGT371H5**

After: Prerequisite: CCT224H5

Course Exclusion: CCT325H5; MGM371H5; **MGT371H5, RSM327H1, MGAC70H3**

Rationale: MGM101H5 is not required. CCT224H5 is a sufficient prerequisite for this course. The course content of CCT225H5 is similar to RSM327H1, MGAS70H3.

Course #20 CCT304H5 Visual Rhetoric and Digital Environments

Before: Prerequisite: CCT210H5/CCT213H5

After: Prerequisite: **CCT204H5**, CCT210H5/CCT213H5

Rationale: Students are required to submit multimodal assignments that require design skills and some basic Photoshop or Illustrator.

Course #21 CCT308H5 Advanced Research Methodologies

Before: Course Exclusion:

After: Course Exclusion: **CCT309H5**

Rationale: Added the exclusion, CCT309H5. This course will become a required course for students other than IDM students wishing to take the proposed Combined ICCIT/MI program.

Course #22 CCT310H5 Mass Communication and Popular Culture

Before: Prerequisite: CCT210H5/CCT213H5

After: Prerequisite: **CCT204H5**, CCT210H5/CCT213H5

Rationale: Students are required to submit multimodal assignments that require design skills and some basic Photoshop or Illustrator.

Course #23 CCT322H5 Marketing Information Products and Services (DEM)

Before: Prerequisite: **MGM101H5**; CCT224H5
After: Prerequisite: CCT224H5
Rationale: Removed the tutorial for this course as it is not applicable to the lecture material being taught. CCT224H5 is a sufficient prerequisite for this course. .

Course #24 CCT405H5 Individual Project

Before: Prerequisite: Completion of 13.0 **credits and CCT400H5 (Advanced Project)**
After: Prerequisite: Completion of 13.0 **credits.**
Rationale: It has been several years that we have waived the prerequisite of CCT400 for this course. It is no longer required.

Course #25 CCT413H5 Work Integrated Learning (IDM)

Before: Prerequisite: **Permission of Instructor**
After: Prerequisite: **A minimum of 13.0 credits.**
Rationale: Removed "permission of instructor" and replaced it with a minimum of 13.0 credits. This is a required course therefore permission of instructor isn't appropriate. However, we do want to ensure that students do not take the course prior to completing 13.0 credits.

Course #26 CHM110H5 Chemical Principles 1

Before: Course Exclusion: CHM139H1, **151Y1, 140Y5**, CHMA11H3
After: Course Exclusion: CHM139H1, **151Y1; CHM140Y5**; CHMA11H3
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #27 CHM120H5 Chemical Principles 2

Before: Course Exclusion: **CHM151Y1, 140Y5**, CHMA10H3
After: Course Exclusion: **CHM138H1, 151Y1; CHM140Y5**; CHMA10H3
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #28 CHM211H5 Fundamentals of Analytical Chemistry

Before: Course Exclusion: **CHM217H1**
After: Course Exclusion: **CHM217H1; CHMB16H3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #29 CHM231H5 Inorganic Chemistry I

Before: Course Exclusion: **CHM238Y1**
After: Course Exclusion: **CHM238Y1; CHMB31H3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #30 CHM242H5 Introductory Organic Chemistry I

Before: Course Exclusion: **CHM138H1, CHMB41H3**
After: Course Exclusion: **CHM138H1; CHMB41H3, B43Y**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #31 CHM243H5 Introductory Organic Chemistry II

Before: Course Exclusion: CHM247H1, **249H1**, CHMB42H3
After: Course Exclusion: CHM247H1, **249H1**; CHMB42H3
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #32 CHM299Y5 Research Opportunity Program

Before: Course Exclusion:
After: Course Exclusion: **CHM299H1**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #33 CHM311H5 Instrumental Analytical Chemistry

Before: Course Exclusion: **CHM314Y1, 317H1**
After: Course Exclusion: **CHM317Y1; CHMC16H3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM. CHM314Y1 has been discontinued (replaced by CHM317Y1)

Course #34 CHM331H5 Inorganic Chemistry II: Advanced Inorganic Chemistry

Before: Course Exclusion: **CHM338H1**
After: Course Exclusion: **CHM338H1; CHMC31Y3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #35 CHM333H5 Bioinorganic Chemistry

Before: Course Exclusion: **CHM437H1**
After: Course Exclusion: **CHM437H1; CHMD69H3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #36 CHM341H5 Organic Chemistry: Mechanism and Structure

Before: Course Exclusion: **CHM348H1**
After: Course Exclusion: **CHM348H1; CHMC42H3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #37 CHM345H5 Organic Synthesis

Before: Course Exclusion: **CHM342H1**
After: Course Exclusion: **CHM342H1; CHMC42H3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #38 CHM347H5 Organic Chemistry of Biological Compounds

Before: Recommended Preparation: **CHM341H5/ 345H5**
After: Recommended Preparation:
Rationale: Recommended: CHM347H5 continues directly from the CHM243H5 prerequisite which provides all of the needed background and preparation for students to properly engage in CHM347H5. The proposed change may also serve to make the course more attractive and encourage more students to enroll in the course and, especially, to take it in their third year.

Course #39 CHM361H5 Structural Biochemistry

Before: Course Exclusion: BCH210H1, **242Y1**
After: Course Exclusion: BCH210H1, **242Y1, 311H1; BIOC12H3, CHMB62H3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #40 CHM362H5 Metabolism and Bioenergetics

Before: Course Exclusion: BCH210H1, **242Y1**
After: Course Exclusion: BCH210H1, **242Y1; BIOC13H3, CHMB62H3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #41 CHM399Y5 Research Opportunity Program

Before: Course Exclusion:
After: Course Exclusion: **CHM399H1**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #42 CHM442H5 Developments in Organic Chemistry

Before: Course Exclusion: **CHM440H1**
After: Course Exclusion:
Rationale: Overlap with CHM440H1 The Synthesis of Modern Pharma is present but probably too small to warrant exclusion

Course #43 CHM489Y5 Introduction to Research in Chemistry

Before: Course Exclusion: **CHM499Y1, JCB487Y5**
After: Course Exclusion: **CHM499Y1; JCB487Y5; CHMD90Y3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #44 CSC104H5 The Why and How of Computing

Before: Course Exclusion: **SMC 104H1; VIC 104H1;** any CSC course
After: Course Exclusion: any CSC course
Rationale: Tidying up old exclusions.

Course #45 CSC108H5 Introduction to Computer Programming

Before: Course Exclusion: **CSC120H1,148H5, 150H1**
After: Course Exclusion: **CSC108H1,120H1,148H5, 148H1, 150H1,CSCA08H3,CSCA20H3**
Rationale: Adding St. George or Scarborough exclusion course(s) and tidying up old exclusions and prerequisites.

Course #46 CSC148H5 Introduction to Computer Science

Before: Course Exclusion: **CSC150H1**
After: Course Exclusion: **CSC148H1, 150H1,165H1, CSCA48H3,CSCA67H3**
Rationale: Adding St. George or Scarborough exclusion course(s) and tidying up old exclusions and prerequisites

Course #47 CSC207H5 Software Design

Before: Course Exclusion:
After: Course Exclusion: **CSC207H1, CSCB07H3**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #48 CSC209H5 Software Tools and Systems Programming

Before: Course Exclusion: **CSC369H5**

After: Course Exclusion: **CSC209H1, CSCB09H3**

Rationale: Adding St. George or Scarborough exclusion course(s) and tidying up old exclusions.

Course #49 CSC236H5 Introduction to the Theory of Computation

Before: Course Exclusion: **CSC238H5, 240H1**

After: Course Exclusion: **CSC236H1, 240H1, CSCB36H3**

Rationale: Adding St. George or Scarborough exclusion course(s) and tidying up old exclusions and prerequisites.

Course #50 CSC258H5 Computer Organization

Before: Course Exclusion:

After: Course Exclusion: **CSC258H1, CSCB58H3**

Rationale: Adding St. George or Scarborough exclusion course(s)

Course #51 CSC263H5 Data Structures and Analysis

Before: Prerequisite: **CSC207H5/270H5, 236H5/238H5**; STA107H5/256H5 **Course Exclusion:**
CSC265H1, 378H5

After: Prerequisite: **CSC207H5, 236H5**; STA107H5/256H5
Course Exclusion: **CSC263H1, 265H1, CSCB63H3**

Rationale: Adding St. George or Scarborough exclusion course(s) and tidying up old exclusions and prerequisites.

Course #52 CSC290H5 Communication Skills for Computer Scientists

Before: Course Exclusion:

After: Course Exclusion: **CSC290H1**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #53 CSC300H5 Computers and Society

Before: Course Exclusion: **PSCD03H (Scarborough)**

After: Course Exclusion: **CSC300H1, CSCD03H3**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #54 CSC301H5 Introduction to Software Engineering

Before: Course Exclusion: **CSC340H5, 407H5**

After: Course Exclusion: **CSC301H1, CSCC01H3**

Rationale: Adding St. George or Scarborough exclusion course(s) and tidying up old exclusions.

Course #55 CSC309H5 Programming on the Web

Before: Course Exclusion:

After: Course Exclusion: **CSC309H1, CSCC09H3**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #56 CSC310H5 Information Theory

Before: Course Exclusion:

After: Course Exclusion: **CSC310H1**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #57 CSC318H5 The Design of Interactive Computational Media

Before: Course Exclusion:

After: Course Exclusion: **CSC318H1**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #58 CSC320H5 Introduction to Visual Computing

Before: Course Exclusion:

After: Course Exclusion: **CSC320H1**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #59 CSC321H5 Introduction to Neural Networks and Machine Learning

Before: Course Exclusion:

After: Course Exclusion: **CSC321H1**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #60 CSC324H5 Principles of Programming Languages

Before: Prerequisite: **CSC207H5/270H5, 236H5/238H5**, 290H5 **Course Exclusion:**

After: Prerequisite: **CSC207H5, 236H5**, 290H5
Course Exclusion: CSC324H1, CSCC24H3

Rationale: Adding St. George or Scarborough exclusion course(s) and tidying up old prerequisites.

Course #61 CSC338H5 Numerical Methods

Before: Course Exclusion: CSC336H1, **350H5**

After: Course Exclusion: CSC336H1, **350H5, 350H1, 351H1, CSCC37H3**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #62 CSC343H5 Introduction to Databases

Before: Course Exclusion:

After: Course Exclusion: **CSC343H1, CSCC43H3**

Rationale: Adding St. George or Scarborough exclusion course(s)

Course #63 CSC358H5 Principles of Computer Networks

Before: Course Exclusion:

After: Course Exclusion: **CSC358H1, 458H1**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #64 CSC363H5 Computational Complexity and Computability**Before:** Course Exclusion: **CSC364H5, 365H1****After:** Course Exclusion: **CSC373H1,375H1,CSCC63H3****Rationale:** Adding St. George or Scarborough exclusion course(s) and tidying up old exclusions and prerequisites.**Course #65 CSC369H5 Operating Systems****Before:** Course Exclusion:**After:** Course Exclusion: **CSC369H1, CSCC69H3****Rationale:** Adding St. George or Scarborough exclusion course(s).**Course #66 CSC373H5 Algorithm Design and Analysis****Before:** Prerequisite: **CSC263H5/378H5**, 290H5 **Course Exclusion:** **CSC375H1, 364H5****After:** Prerequisite: **CSC263H5**, 290H5
Course Exclusion: **CSC373H1,375H1,CSCC73H3****Rationale:** Adding St. George or Scarborough exclusion course(s).**Course #67 CSC384H5 Introduction to Artificial Intelligence****Before:** Course Exclusion: **CSC484H1****After:** Course Exclusion: **CSC384H1,484H1,CSCD84H3****Rationale:** Adding St. George or Scarborough exclusion course(s).**Course #68 CSC404H5 Video Game Design****Before:** Course Exclusion:**After:** Course Exclusion: **CSC404H1****Rationale:** Adding St. George or Scarborough exclusion course(s).**Course #69 CSC411H5 Machine Learning and Data Mining****Before:** Course Exclusion:**After:** Course Exclusion: **CSC411H1, CSCC11H3****Rationale:** Adding St. George or Scarborough exclusion course(s).**Course #70 CSC448H5 Formal Languages and Automata****Before:** Prerequisite: **CSC236H5/238H5**, 290H5, **363H5/364H5** **Course Exclusion:****After:** Prerequisite: **CSC236H5**, 290H5, **363H5**
Course Exclusion: **CSC448H1****Rationale:** Adding St. George or Scarborough exclusion course(s) and tidying up prerequisites**Course #71 CSC458H5 Computer Networks****Before:** Course Exclusion:**After:** Course Exclusion: **CSC458H1, CSCD58H3****Rationale:** Adding St. George or Scarborough exclusion course(s).

Course #72 CSC469H5 Operating Systems Design and Implementation

Before: Course Exclusion:
After: Course Exclusion: **CSC469H1**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #73 CSC490H5 Capstone Design Course

Before: Course Exclusion:
After: Course Exclusion: **CSC490H1, 491H1**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #74 CSC492H5 Computer Science Implementation Project

Before: Course Exclusion: CSC494H1, **495H1**
After: Course Exclusion: CSC494H1, **495H1, CSCD94H3, CSCD95H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #75 CSC493H5 Computer Science Expository Work

Before: Course Exclusion: CSC494H1, **495H1**
After: Course Exclusion: CSC494H1, **495H1, CSCD94H3, CSCD95H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #76 CTE100H5 Child and Adolescent Development in Education

Before: Course Exclusion:
After: Course Exclusion: **TED200H5**
Rationale: TED200H5 is listed as an exclusion and is the same course as CTE100H5. However, since CTEP and its courses are being phased out, the course will be re-named TED200H5 in 2014-15 for those who are granted entry into the proposed Teacher Education Minor. Entrance is granted only to those who are in Year 2 of study and meet the admissions criteria.

Course #77 CTE200H5 Equity and Diversity in Education

Before: Course Exclusion:
After: Course Exclusion: **TED210H5**
Rationale: TED210H5 is listed as an exclusion and is the same course as CTE200H5. However, since CTEP and its courses are being phased out, the course will be re-named TED210H5 in 2014-15 for those who are granted entry into the proposed Teacher Education Minor. Entrance is granted only to those who are in Year 2 of study and meet the admissions criteria.

Course #78 CTE250H5 Communication and Conflict Resolution

Before: Course Exclusion:
After: Course Exclusion: **TED220H5**
Rationale: TED220H5 is listed as an exclusion and is the same course as CTE100H5. However, since CTEP and its courses are being phased out, the course will be re-named TED220H5 in 2014-15 for those who are granted entry into the proposed Teacher Education Minor. Entrance is granted only to those who are in Year 2 of study and meet the admissions criteria.

Course #79 DTS202H5 Introduction to Diaspora and Transnational Studies II

Before: Prerequisite: **DTS201H5**
After: Prerequisite:

Rationale: The DTS201 and DTS202 are taught as different themes and can be taken independently.

Course #80 ECO200Y5 Microeconomic Theory

Before: Course Exclusion: **ECO204Y5,205H5,206Y5**

After: Course Exclusion: **ECO204Y5,205Y5,206Y5**

Rationale: Changed Exclusion course 205H5 to 205Y5 to correct typo.

Course #81 ECO220Y5 Quantitative Methods in Economics

Before: Course Exclusion: BIO360H5, 361H5; ECO227Y5; MAT(123H1, 124H1); STA218H5, 220H5, 221H5, **STA250H1, 248H5/258H5, 255H1, 257H5/256H5, 261H5/260H5; PSY201H5, 202H5; SOC350H5, 351H5**

After: Course Exclusion: BIO360H5, 361H5; ECO227Y5; MAT(123H1, 124H1); STA218H5, 220H5, 221H5, **STA250H1,255H1,STA(257H5/256H5,258H5)/STA(257H5/256H5, 261H5/260H5); PSY201H5,202H5;SOC350H5,351H5**

Rationale: Replaced STA courses removed from Exclusions in error last year.

Course #82 ECO220Y5 Quantitative Methods in Economics

Before: Course Exclusion: BIO360H5, 361H5; ECO227Y5; MAT(123H1, 124H1); STA218H5, 220H5, 221H5, **STA250H1, 248H5/258H5, 255H1, 257H5/256H5, 261H5/260H5; PSY201H5, 202H5; SOC350H5, 351H5**

After: Course Exclusion: BIO360H5, 361H5; ECO227Y5; MAT(123H1, 124H1); STA218H5, 220H5, 221H5, **STA250H1,255H1,STA(257H5/256H5,258H5)/STA(257H5/256H5, 261H5/260H5); PSY201H5,202H5;SOC350H5,351H5**

Rationale: Replaced STA courses removed from Exclusions in error last year.

Course #83 ECO400Y5 Economics Internship

Before: Prerequisite: Fourth year standing in an Economics Program; **3.0 CGPA (Recommended CGPA to be determined annually)**

After: Prerequisite: Fourth year standing in an Economics Program; **recommended CGPA to be determined annually. Acceptance will be based on a combination of CGPA, experience, qualifications and interview performance.**

Rationale: Removed 3.0 CGPA as the recommended CGPA will be determined annually.

Course #84 ECO412Y5 Public Economics

Before: Course Exclusion: **ECO236Y1**

After: Course Exclusion:

Rationale: Remove Special Topics from title as this will become regular course.
Remove Exclusion ECO236Y1 as this course no longer exists.

Course #85 ENV250Y5 Environmental Politics in Canada

Before: Course Exclusion: **POL250Y**

After: Course Exclusion: **POL250Y5, ENV320H1**

Rationale: added STG exclusion

Course #86 ENV332H5 Practicum in Environmental Project Management

Before: Prerequisite: **2nd-year standing** in any of the Environment Specialist or Major Programs with a CGPA of 2.00 or **higher or PI. Course** Exclusion:

After: Prerequisite: **13 credits &** in any of the Environment Specialist or Major Programs with a CGPA of 2.00 or **higher; completion of any Research Methods course (e.g., GGR277H5). Course** Exclusion: **ENV232H5**

Rationale:

Course #87 ENV332H5 Practicum in Environmental Project Management

Before: Prerequisite: **2nd-year standing** in any of the Environment Specialist or Major Programs with a CGPA of 2.00 or **higher or PI. Course** Exclusion:

After: Prerequisite: **13 credits &** in any of the Environment Specialist or Major Programs with a CGPA of 2.00 or **higher; completion of any Research Methods course (e.g., GGR277H5). Course** Exclusion: **ENV232H5**

Rationale:

Course #88 ERS103H5 Geology and Public Issues

Before: Course Exclusion:

After: Course Exclusion: **(St.G) ESS103H1, 102H1; (UTSC) EESA05H3, A06H3, B15H3**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #89 ERS120H5 Planet Earth

Before: Course Exclusion:

After: Course Exclusion: **(St.G) ESS102H1, 105H1; (UTSC) EESA07H3, B15H3**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #90 ERS201H5 Earth Materials

Before: Course Exclusion:

After: Course Exclusion: **(St.G) ESS221H1; (UTSC) EESC35H3**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #91 ERS202H5 Dynamic Earth

Before: Course Exclusion:

After: Course Exclusion: **(St.G) ESS241H1**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #92 ERS203H5 Rock Forming Processes

Before: Course Exclusion:

After: Course Exclusion: **(St.G) ESS222H1**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #93 ERS313H5 Sedimentology

Before: Course Exclusion: **None**

After: Course Exclusion: **(St.G) ESS331H1, 332H1**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #94 ERS315H5 Environmental Geology

Before: Course Exclusion:

After: Course Exclusion: **(St.G) ESS205H1, JEE337H1; (UTSC) EESA05H3**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #95 ERS319H5 Earth Resources

Before: Course Exclusion:

After: Course Exclusion: **none**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #96 ERS321H5 Past and Present Global Change

Before: Course Exclusion:

After: Course Exclusion: **(St.G) ESS205H1, 461H1; (UTSC) EESB03H3**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #97 ERS325H5 Field Camp I

Before: Course Exclusion: **GLG340H1**

After: Course Exclusion: **(St.G) ESS330; (UTSC) ESSC16H3, D07H3**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #98 ERS470Y5 Research Thesis

Before: Course Exclusion: **ERS471H5/472H5**

After: Course Exclusion: **(UTM) ERS471H5, 472H5; (St.G) ESS492Y1; (UTSC) EESD09H3, D10Y3**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #99 ERS471H5 Research Project**Before:** Course Exclusion: **ERS470Y5****After:** Course Exclusion: **(UTM) ERS470Y5; (St.G) ESS491H1, 492Y1; (UTSC) EESD09H3, D10Y3****Rationale:** Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.**Course #100 ERS472H5 Research Project****Before:** Course Exclusion: **ERS470Y5****After:** Course Exclusion: **(UTM) ERS470Y5; (St.G) ESS491H1, 492Y1; (UTSC) EESD09H3, D10Y3****Rationale:** Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.**Course #101 FSC315H5 Forensic Biology****Before:** Prerequisite: **BIO215H5****After:** Prerequisite: **BIO206H5, 207H5****Rationale:** Prerequisite changes to reflect the deletion of BIO215H5.**Course #102 FSC481Y5 Internship in Forensic Science****Before:** Prerequisite: Enrolment in Forensic Science Specialist or Major ; completion of the statistics course(s) requirement(s) within the student's Forensic Science Program (ie. **STA220H5**, STA221H5 / BIO360H5, BIO361H5 / PSY201, **PSY202H5**) and permission of instructor.**After:** Prerequisite: Enrolment in Forensic Science Specialist or Major ; completion of the statistics course(s) requirement(s) within the student's Forensic Science Program (ie. **STA215H5, 220H5**, STA221H5 / BIO360H5, BIO361H5 / PSY201, **PSY202H5**); **FSC300H5,302H5** and permission of instructor.**Rationale:** Add STA215H5 to list of "Student's FSC Program required STATS course(s)" to reflect STAT change.

Add FSC300H5 & 302H5 (Forensic Ident program required courses) to ensure that students have taken the required Forensic Identification courses prior to their required 4th year internship course --all students require the knowledge and skills in these Ident courses before being placed/assigned an internship placement within a police agency.

Course #103 GGR209H5 Economic Geography**Before:** Course Exclusion:**After:** Course Exclusion: **GGR220H1, GGRC27H3****Rationale:** added course exclusions**Course #104 GGR276H5 Spatial Data Analysis and Mapping****Before:** Course Exclusion:**After:** Course Exclusion: **GGR270H1****Rationale:** ADDED COURSE EXCLUSION**Course #105 GGR305H5 Biogeography****Before:** Course Exclusion:

After: Course Exclusion: **GGR305H1**

Rationale: added exclusion course from STG

Course #106 GGR337H5 Environmental Remote Sensing

Before: Course Exclusion:

After: Course Exclusion: **GGR337H1**

Rationale: added course exclusion

Course #107 GGR379H5 Field Methods in Physical Geography

Before: Prerequisite: **Any 3.0 courses drawn from one or more of the following : Physical Geography, Earth Sciences and Biology or PI.**

After: Prerequisite: **4.0 science credits of which 2.0 must be GGR/ENV courses.**

Rationale: previous

Course #108 GGR407H5 Ecohydrology

Before: Prerequisite: GGR315H5 or GGR217H5 **and** one of **GGR305H5/307H5/309H5/BIO311H5/BIO330H5**

After: Prerequisite: GGR315H5 or **a combination of** GGR217H5 **plus** one of **GGR305H5/307H5/309H5/374/BIO311H5/BIO330H5**

Rationale: same requirements better worded.

Course #109 GGR418H5 Geopolitics

Before: Prerequisite: Completion of 3rd year requirements for GGR Specialist or Major Arts **programs including GGR208H5, GGR318H5, GGR361H5 or GGR365H5.**

After: Prerequisite: Completion of 3rd year requirements for GGR Specialist or Major Arts **programs.**

Rationale: Prerequisite Changes - removed "including GGR208H5, GGR361H5 or GGR365H5" these are covered by the 3rd. year requirements for GGR

Course #110 HSC301H5 Data and Information Visualization

Before: Prerequisite: **HSC200H5 Course** Exclusion: **Recommended** Preparation:

After: Prerequisite: **ANT101H5 / BIO152H5 / CCT260H5 Course** Exclusion: **CCT470H5 Recommended** Preparation: **HSC200H5 (strongly recommended)**

Rationale: While the quality of the students and the work that was produced in this course was noticeably stronger with the HSC200 pre-requisite, the current size of the HSC200H5 course does not allow for a large enough pool for students to move into this course. As a result, the course has seen a significant drop in numbers the last two years that HSC200 has been a pre-requisite. The previous pre-requisites are being put back in place while a plan to expand HSC200 is implemented. By 2015-16, there should be a much larger cohort of students that have HSC200 completed and it will put back in as the pre-requisite for this course.

Course #111 HSC401H5 Health and Science Communication Design

Before: Prerequisite: **HSC200H5 Recommended** Preparation:

After: Prerequisite: **ANT101H5 / BIO152H5 / CCT260H5 Recommended** Preparation: **(strongly recommended) HSC200H5**

Rationale:

While the quality of the students and the work that was produced in this course was noticeably stronger with the HSC200 pre-requisite, the current size of the HSC200H5 course does not allow for a large enough pool for students to move into this course. As a result, the course has seen a significant drop in numbers the last two years that HSC200 has been a pre-requisite. The previous pre-requisites are being put back in place while a plan to expand HSC200 is implemented. By 2015-16, there should be a much larger cohort of students that have HSC200 completed and it will put back in as the pre-requisite for this course.

Course #112 HSC405H5 Digital Forensic Facial Reconstruction

Before: Prerequisite: 10.0 completed credits including **ANT203Y5, 205H5/BIO210H5**

After: Prerequisite: 10.0 completed credits including **ANT203Y5 / AN205H5 / BIO210Y5**

Rationale: Current pre-requisites are from when BMC was part of CCIT and there was concern about student's ability to handle BIO content in course. Given the program's move to BIO and the requirement of BIO152 and BIO153 to the minor, students in the program should inherently have sufficient background knowledge and be successful if they complete any of the three courses as a pre-requisite.

Course #113 JAL353H5 Discourse Analysis/Conversation Structures

Before: Course Exclusion: **CCT307H5**

After: Course Exclusion: **CCT307H5, JAL353H1**

Rationale: Inclusion of A&S course exclusions.

Course #114 JBC472H5 Seminars in Biotechnology

Before: Prerequisite: BIO372H5; CHM361H5, **362H5/BIO315H5**

After: Prerequisite: BIO372H5; CHM361H5, **CHM362H5/BIO315H5**

Rationale: Changes made to make pre-requisites more clear to students.

Course #115 JCB487Y5 Advanced Interdisciplinary Research Laboratory

Before: Prerequisite: 2.0 credits 300 level from ~~BIO/CHM/JBC/JCP/PHY~~ and 1.0 credit from BIO215H5, 314H5, ~~CHM371H5, 391H5, 393H5~~, PHY324H5. The course is normally taken in ~~the student's fourth year. In order to enroll~~ in this course, students must obtain approval from the faculty member(s) who will serve as the supervisor(s) several months in advance of the start of the course. ~~Course~~ Exclusion: BIO481Y5, CBJ481Y5, CHM489Y5, CHM499Y1, ~~PHY489Y5~~

After: Prerequisite: 2.0 credits 300 level from BIO/CHM/JBC/JCP/ERS/ESS/PHY and 1.0 credit from BIO215H5, 314H5, (CHM372H5, 373H5)/(394H5, 395H5)/(396H5, 397H5), ERS201H5, 202H5, PHY324H5. The course is normally taken in student's 4th yr. To register in this course, students must obtain approval from the faculty member(s) who will serve as the supervisor(s) several months in advance of the start of the course. Course Exclusion: BIO481Y5, CBJ481Y5, CHM489Y5, ERS470Y5, 471H5, 472H5, PHY489Y5; BCH472Y1, 473Y1, CHM499Y1, CSB497H1, 498H1, 499Y1, ESS491H1, 492Y1, MGY480Y1, PHY478H1, 479H1; BIOD98Y3, CHMD90Y3, 91H3, ESSD09H3, 10H3, PSCD10H3

Rationale: To expand the breadth of AIRLab projects to include in Earth Science students-starting 2014-2015. Exclusion: Add St. G and UTSC excl. as requested by Dean-UTM. Prereq: CHM371-391-393 (8mth courses) split into two new half credit courses each, both parts of each split course must be taken. Students choose 1 of 3-two part courses. Final Notes: Grading part removed-to be explained within the course.

Course #116 JCP221H5 Thermodynamics and Kinetics

Before: Course Exclusion: **CHM221H5, 220H1, 221H1, 225Y1**

After: Course Exclusion: **CHM220H1, 221H1, 225Y1; CHM221H5; CHMB20H3**

Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #117 JCP321H5 Introduction to Quantum Mechanics

Before: Course Exclusion: **CHM326H1, 327Y1**

After:

Course Exclusion: **CHM326Y1, PHY256H1, 356H1; PHYB56H3, C56H3**

Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM.
CHM327Y1 is discontinued, therefore removed.

Course #118 JCP322H5 Introduction to Statistical Mechanics

Before: Course Exclusion: **CHM328H1, 327Y1**

After: Course Exclusion: **CHM328H1; CHMC20H3**

Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM.
CHM317Y1 is discontinued, therefore removed.

Course #119 JCP421H5 Quantum Mechanics

Before: Course Exclusion:

After: Course Exclusion: **PHYC563H3**

Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM.
Final Notes: Course is offered in alternate years.

Course #120 JCP422H5 NMR Spectroscopy

Before: Course Exclusion: **CHM422H5**

After: Course Exclusion:

Rationale: CHM422H5 - deleted; Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM.
Final Notes: Course is offered in alternate years.

Course #121 LIN256H5 Sociolinguistics

Before: Course Exclusion:

After: Course Exclusion: **LINB20H3.**

Rationale: Inclusion of UTSC course exclusion.

Course #122 MAT102H5 Introduction to Mathematical Proofs

Before: Course Exclusion:

After: Course Exclusion: **MAT138H1,246H1,CSC165H1**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #123 MAT133Y5 Calculus and Linear Algebra for Commerce

Before: Course Exclusion: **MAT132Y5/134Y5/135Y5/137Y5/138Y5**

After: Course Exclusion: **MAT134Y5,135Y5,137Y5,133Y1, 135Y1,135H1,136H1, 137Y1, 157Y1, MATA30H3, MATA31H3, MATA32H3, MATA33H3 ,MATA35H3, MATA36H3, MATA37H3**

Rationale: -These are old courses not offered since 2005.
-Adding St. George or Scarborough exclusion course(s).

Course #124 MAT134Y5 Calculus for Life Sciences

Before: Course Exclusion: **MAT132Y5, 133Y5, 135Y5, 137Y5, 138Y5**

After: Course Exclusion: **MAT133Y5, 135Y5, 137Y5, 133Y1, 135Y1,135H1,136H1, 137Y1, 157Y1, MATA30H3, MATA31H3, MATA32H3, MATA33H3 ,MATA35H3, MATA36H3,**

MATA37H3

Rationale: -These are old courses not offered since 2005.
 -Adding St. George or Scarborough exclusion course(s).

Course #125 MAT135Y5 Calculus

Before: Course Exclusion: **MAT132Y5, 133Y5, 134Y5, 137Y5, 138Y5**

After: Course Exclusion: **MAT133Y5, 134Y5, 137Y5,133Y1, 135Y1,135H1,136H1, 137Y1, 157Y1, MATA30H3, MATA31H3, MATA32H3, MATA33H3 ,MATA35H3, MATA36H3, MATA37H3**

Rationale: -These are old courses not offered since 2005.
 - Adding St. George or Scarborough exclusion course(s).

Course #126 MAT137Y5 Calculus

Before: Course Exclusion: **MAT132Y5, 133Y5, 134Y5, 135Y5, 138Y5**

After: Course Exclusion: **MAT133Y5, 134Y5, 135Y5, 133Y1, 135Y1,135H1,136H1, 137Y1, 157Y1, MATA30H3, MATA31H3, MATA32H3, MATA33H3 ,MATA35H3, MATA36H3, MATA37H3**

Rationale: -These are old courses not offered since 2005.
 - Adding St. George or Scarborough exclusion course(s).

Course #127 MAT202H5 Introduction to Discrete Mathematics

Before: Course Exclusion:

After: Course Exclusion: **MAT332H1,MATC32H3**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #128 MAT212H5 Modeling with Differential Equations in Life Sciences and Medicine

Before: Course Exclusion: MAT242H5, **258Y5**

After: Course Exclusion: MAT242H5, **244H5, 244H1, MATB44H3**

Rationale: -Tyding up old exclusion.
 -Adding St. George or Scarborough exclusion course(s).

Course #129 MAT223H5 Linear Algebra I

Before: Course Exclusion: **MAT222H5, 248Y5**

After: Course Exclusion: **MAT223H1,188H1,MATA23H3**

Rationale: - MAT248Y5 is an old course not offered since 2004.
 - MAT222H5 is an old course not offered since 2005.
 - Adding St. George or Scarborough exclusion course(s).

Course #130 MAT224H5 Linear Algebra II

Before: Course Exclusion: **MAT248Y5**

After: Course Exclusion: **MAT248Y5, 224H1,MATB24H3**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #131 MAT232H5 Calculus of Several Variables

Before: Prerequisite: **MAT132Y5/134Y5/135Y5/137Y5 Course** Exclusion: MAT138Y5, **233H5**.
After: Prerequisite: **MAT134Y5/135Y5/137Y5 Course** Exclusion: MAT138Y5, **233H5,235Y1, 237Y1,257Y1,MATB41H3**
Rationale: -These are old courses not offered since 2005.
 - Adding St. George or Scarborough exclusion course(s).

Course #132 MAT233H5 Calculus of Several Variables

Before: Course Exclusion: MAT138Y5, **232H5**
After: Course Exclusion: MAT138Y5, **232H5, 235Y1, 237Y1,257Y1, MATB41H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #133 MAT236H5 Vector Calculus

Before: Course Exclusion: **MAT368H5**
After: Course Exclusion: **MAT368H5,235Y1, 237Y1,257Y1,MATB42H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #134 MAT244H5 Differential Equations I

Before: Course Exclusion: MAT212H5, 242H5, **258Y5**
After: Course Exclusion: MAT212H5, 242H5, **244H5, 244H1,MATB44H3**
Rationale: -Tyding up old exclusion.
 - Adding St. George or Scarborough exclusion course(s).

Course #135 MAT301H5 Groups and Symmetries

Before: Prerequisite: MAT102H5, **224H5/248Y5 Course** Exclusion:
After: Prerequisite: MAT102H5, **202H5/224H5 Course** Exclusion: **MAT301H1, MATC01H3**
Rationale: - Either courses MAT224H5 and MAT202H5 provide adequate preparation for MAT301H5.
 - Adding St. George or Scarborough exclusion course(s).

Course #136 MAT302H5 Introduction to Algebraic Cryptography

Before: Course Exclusion: **CSC322H5**
After: Course Exclusion: **CSC322H5, MATC16H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #137 MAT309H5 Introduction to Mathematical Logic

Before: Course Exclusion: **CSC438H1**
After: Course Exclusion: **CSC438H1,309H1,MATC09H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #138 MAT311H5 Partial Differential Equations

Before: Corequisite: **MAT236H5 Course** Exclusion:
After: Corequisite: **MAT236H5/368H5**

Course Exclusion: *APM346H1, 351Y1, MATC46H3*

Rationale: - The old course code for MAT236H5 was MAT368H5.
 - Adding St. George or Scarborough exclusion course(s).

Course #139 MAT315H5 Introduction to Number Theory

Before: Course Exclusion:

After: Course Exclusion: *MAT315H1, MATC15H3*

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #140 MAT332H5 Introduction to Nonlinear Dynamics and Chaos

Before: Course Exclusion: *MAT335H1*

After: Course Exclusion: *MAT335H1, MATC35H3*

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #141 MAT334H5 Complex Variables

Before: Course Exclusion:

After: Course Exclusion: *MAT334H1, 354H1, MATC34H3*

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #142 MAT344H5 Introduction to Combinatorics

Before: Course Exclusion:

After: Course Exclusion: *MAT344H1, MATC44H3*

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #143 MAT378H5 Introduction to Analysis

Before: Course Exclusion:

After: Course Exclusion: *MAT337H1, 357H1, MATB43H3, MATC37H3*

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #144 MAT382H5 Mathematics for Teachers

Before: Course Exclusion:

After: Course Exclusion: *MAT329Y1, MATC82H3*

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #145 MAT392H5 Ideas of Mathematics

Before: Course Exclusion:

After: Course Exclusion: *MATC90H3*

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #146 MAT401H5 Polynomial Equations and Fields

Before: Course Exclusion:

After: Course Exclusion: *MAT347Y1, 401H1, MATD01H3*

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #147 MAT402H5 Classical Geometries

Before: Course Exclusion: **MAT365H5**
After: Course Exclusion: **MAT402H1, MATD02H3**
Rationale: -Tying up old exclusions.
 - Adding St. George or Scarborough exclusion course(s).

Course #148 MAT405H5 Introduction to Topology

Before: Course Exclusion: **MAT327H1**
After: Course Exclusion: **MAT327H1, MATC27H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #149 MAT406H5 Mathematical Introduction to Game Theory

Before: Course Exclusion:
After: Course Exclusion: **ECO316H1**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #150 MGM101H5 Introduction to Management Functions

Before: Course Exclusion: COM110H1, **MGM100Y5, MGT100Y5**, MGTA02Y3, **MGTA03H3**
After: Course Exclusion: COM110H1, MGTA02Y3, **MGTA03H3, RSM100Y1**
Rationale: RSM100Y1 is a similar course to MGM101H5.
 MGM100Y5 and MGT100Y5 are no longer offered.

Course #151 MGM102H5 Management in a Changing Environment

Before: Course Exclusion: **MGM100Y5, MGT100Y5**, MGTA02Y3, **MGTA04H3**
After: Course Exclusion: MGTA02Y3, **MGTA04H3, RSM100Y1**
Rationale: The course content of RSM100Y1 is similar to MGM102H5.
 MGM100Y5 and MGT100Y5 are no longer offered.

Course #152 MGM200H5 Analysis for Decision and Control

Before: Course Exclusion: **MGT200H5**
After: Course Exclusion: **MGOC10H3**
Rationale: The course content of MGOC10H3 is similar to MGM200H.
 MGT200H5 changed to MGM200H in 1999.

Course #153 MGM221H5 Accounting Fundamentals I

Before: Course Exclusion: MGT120H5, **MGM220Y5**
After: Course Exclusion: MGT120H5, **MGT201H1, MGAB01H3, RSM219H1**
Rationale: The course content of MGM221H5 is similar to MGT201H1, MGAB01H3, RSM219H1.
 MGM220Y5 is no longer offered.

Course #154 MGM222H5 Accounting Fundamentals II

Before: Course Exclusion: **MGM220Y5, MGT223H5**

After: Course Exclusion: **MGT223H5, RSM222H1, MGAB03H3**

Rationale: The course content of RSM222H1, MGAB03H3 is similar to MGM222H5. MGM220Y5 is no longer offered.

Course #155 MGM230H5 Finance

Before: Course Exclusion: CCT321H5; **MGT337Y5, 338H5**

After: Course Exclusion: CCT321H5; **MGT338H5, RSM332H1, MGFB10H3**

Rationale: The course content of MGM230H5 is similar to RSM332H1 and MGFB10H3.

MGT337Y is no longer offered.

Course #156 MGM290H5 Business Law

Before: Course Exclusion: MGT393H5, 394H5, **423H5, 429H5**

After: Course Exclusion: MGT393H5, 394H5, **RSM225H1, MGSC32H3.**

Rationale: The course content of MGM290H5 is similar to RSM225H1, MGSC32H3.

There is no longer a tax segment in the course hence the removal of MGT423H5 (Tax I) and MGT429H5 (Tax II).

Course #157 MGM300H5 Organizational Behaviour

Before: Course Exclusion: CCT324H5; ERI260H5; MGT262H5, **MGM362H5**; PSY332H1; **WDW260Y5, 260H5**

After: Course Exclusion: CCT324H5; ERI260H5; MGT262H5, PSY332H1; **WDW260H1, RSM260H1, MGIB02H3.**

Rationale: The course content of MGM300H5 is similar to RSM260H1, MGIB02H3, WDW260H1.

MGM362H5, WDW260H5, 260Y5 are no longer offered.

Course #158 MGM320H5 Financial Reporting

Before: Course Exclusion: MGT224H5, **322H5**

After: Course Exclusion: MGT224H5, **322H5, RSM221H1, MGAC01H3.**

Rationale: The course content of MGM320H5 is similar to RSM221H1, MGAC01H3.

Course #159 MGM331H5 Investments

Before: Course Exclusion: **MGT330H5**

After: Course Exclusion: **MGT330H5, RSM330H1, MGFD10H3.**

Rationale: The course content of MGM331H5 is similar to RSM330H1, MGFD10H3.

Course #160 MGM332H5 Managerial Finance

Before: Prerequisite: **MGM230H5/MGT230H5** Course Exclusion: MGT338H5, 339H5, **337Y5**

After: Prerequisite: **MGM230H5**
Course Exclusion: MGT338H5, 339H5, **RSM333H1, MGFC10H3**

Rationale: The course content of MGM332H5 is similar to RSM333H1, MGFC10H3.

MGT337Y5 is no longer offered.

MGT230H5 changed to MGM230H5 in 2005.

Course #161 MGM371H5 Introduction to Information Systems

Before: Course Exclusion: **CCT325H5**; CSC340H5; **MGT371H5**
After: Course Exclusion: **CCT225H5**; CSC340H5; **MGT371H5, RSM327H1, MGAC70H3**
Rationale: The course content of MGM371H5 is similar to RSM327H1, MGAC70H3.
 CCT323H5 is now CCT225H5

Course #162 MGT120H5 Financial Accounting I

Before: Course Exclusion: **MGM221H5**
After: Course Exclusion: **MGM221H5, MGT201H1, MGAB01H3, RSM219H1**
Rationale: The course content of MGT120H5 is similar to MGT201H1, MGAB01H3, RSM219H1

Course #163 MGT220H5 Financial Accounting II

Before: Course Exclusion:
After: Course Exclusion: **RSM220H1, MGAB02H3**
Rationale: The course content of MGT220H5 is similar to RSM220H1, MGAB02H3

Course #164 MGT223H5 Management Accounting I

Before: Course Exclusion: **RSM222H1**
After: Course Exclusion: **RSM222H1, MGAB03H3**
Rationale: The course content of MGT223H5 is similar to MGAB03H3

Course #165 MGT224H5 Financial Accounting Theory & Policy I

Before: Course Exclusion:
After: Course Exclusion: **RSM221H1, MGAC01H3**
Rationale: The course content of MGT224H5 is similar to RSM221H1, MGAC01H3

Course #166 MGT252H5 Principles of Marketing

Before: Course Exclusion: CCT322H5; **MGM252H5**
After: Course Exclusion: CCT322H5; **MGM252H5, RSM250H1, MGIA01H3**
Rationale: The course content of MGT252H5 is similar to RSM250H1, MGIA01H3

Course #167 MGT262H5 Individual and Group Behaviour in Organizations

Before: Course Exclusion: CCT324H5; ERI260H5; MGM300H5; PSY332H1; **WDW260Y5, 260H5**
After: Course Exclusion: CCT324H5; ERI260H5; MGM300H5; **MGIB02H3**; PSY332H1; **RSM260H1; WDW260H1**
Rationale: The course content of MGT262H5 is similar to RSM260H1, MGIB02H3, WDW260H1
 WDW260H5, 260Y5 are no longer offered.

Course #168 MGT321H5 Auditing

Before: Course Exclusion:
After: Course Exclusion: **RSM323H1**

Rationale: The course content of MGT321H5 is similar to RSM323H1

Course #169 MGT322H5 Financial Accounting Theory and Policy II

Before: Course Exclusion:

After: Course Exclusion: **RSM320H1, MGAC02H3**

Rationale: The course content of MGT322H5 is similar to RSM320H1, MGAC02H3

Course #170 MGT323H5 Managerial Accounting II

Before: Course Exclusion:

After: Course Exclusion: **RSM322H1, MGAC03H3**

Rationale: The course content of MGT323H5 is similar to RSM322H1, MGAC03H3

Course #171 MGT330H5 Investments

Before: Course Exclusion: **Recommended** Preparation: **MGT120H5**

After: Course Exclusion: **RSM330H1, MGFD10H3**
Recommended Preparation:

Rationale: The course content of MGT330H5 is similar to RSM330H1, MGFD10H3.

Students will have taken MGT120H5 therefore there's no need to list it under 'Recommended Preparation'

Course #172 MGT336H5 Security Analysis

Before: Prerequisite: Open to students in the Specialist Program ERSPE2034 (Commerce: Finance), in their third year or higher.

After: Prerequisite: **MGT338H5**. Open to students in the Specialist Program ERSPE2034 (Commerce: Finance), in their third year or higher.

Rationale: Students need to know the material covered in MGT338H5 Business Finance I before they take MGT336H5.

Course #173 MGT338H5 Business Finance I

Before: Course Exclusion: **CCT321H5;ECO358H5, MGT337Y5**

After: Course Exclusion: **CCT321H5, ECO358H5, RSM332H1, MGFB10H3**

Rationale: The course content of MGT338H5 is similar to RSM332H1, MGFB10H3.

MGT337Y5 is no longer offered.

Course #174 MGT339H5 Business Finance II

Before: Course Exclusion: CCT321H5; ECO359H5; **MGT337Y5**

After: Course Exclusion: CCT321H5; ECO359H5; **RSM333H1, MGFC10H3**

Rationale: The course content of MGT339H5 is similar to RSM333H1, MGFC10H3.

MGT337Y5 is no longer offered.

Course #175 MGT353H5 Introduction to Marketing Management

Before: Course Exclusion:

After: Course Exclusion: **RSM251H1**

Rationale: The course content of MGT353H5 is similar to RSM251H1.

Course #176 MGT363H5 Organization Design

Before: Course Exclusion: **WDW260Y5, 260H5, ERI260H5**

After: Course Exclusion: **WDW260H1**

Rationale: The course content of ERI260H5 and MGT363H5 is no longer similar.

WDW260Y5 and WDW260H5 are no longer offered.

Course #177 MGT371H5 Introduction to Business Information Systems

Before: Course Exclusion: **CCT325H5**; CSC340H5; **MGM371H5**

After: Course Exclusion: **CCT225H5**; CSC340H5; **MGM371H5, MGAC70H3, RSM327H1**

Rationale: CCT325H5 is now CCT225H5.

The course content of MGT371H5 is similar to MGAC70H3 and RSM327H1

Course #178 MGT374H5 Operations Management

Before: Course Exclusion:

After: Course Exclusion: **MGOC20H3, RSM270H1**

Rationale: The course content of MGT371H5 is similar to MGOC20H3, RSM270H1

Course #179 MGT393H5 Legal Environment of Business I

Before: Course Exclusion: **MGM290H5**

After: Course Exclusion: **MGM290H5, MGSC30H3, RSM225H1**

Rationale: The course content of MGT393H5 is similar to MGSC30H3, RSM225H1

Course #180 MGT394H5 Legal Environment of Business II

Before: Course Exclusion:

After: Course Exclusion: **MGSC32H3, RSM325H1**

Rationale: The course content of MGT394H5 is similar to MGSC32H3, RSM325H1

Course #181 MGT420H5 Critical Thinking, Analysis and Decision Making

Before: Course Exclusion:

After: Course Exclusion: **RSM426H1**

Rationale: The course content of MGT420H5 is similar to RSM426H1

Course #182 MGT421H5 Advanced Auditing Topics

Before: Course Exclusion:

After: Course Exclusion: **RSM423H1**

Rationale: The course content of MGT421H5 is similar to RSM423H1

Course #183 MGT422H5 Information Systems and Technology, and IT Assurance

Before: Course Exclusion:

After: Course Exclusion: **RSM427H1**

Rationale: The course content of MGT422H5 is similar to RSM427H1

Course #184 MGT423H5 Canadian Income Taxation I

Before: Prerequisite: **MGT322H5/323H5/337Y5/339H5 Course** Exclusion:
After: Prerequisite: **MGT322H5/323H5/339H5 Course** Exclusion: **MGAC50H3, RSM324H1**
Rationale: The course content of MGT423H5 is similar to MGAC50H3, RSM324H1.
 MGT337Y5 is no longer offered.

Course #185 MGT426H5 Advanced Accounting

Before: Course Exclusion:
After: Course Exclusion: **RSM321H1**
Rationale: The course content of MGT426H5 is similar to RSM321H1

Course #186 MGT428H5 Management Control

Before: Course Exclusion:
After: Course Exclusion: **MGAD40H3, RSM422H1**
Rationale: The course content of MGT428H5 is similar to MGAD40H3, RSM422H1

Course #187 MGT429H5 Canadian Income Taxation II

Before: Course Exclusion:
After: Course Exclusion: **MGAC60H3, RSM424H1**
Rationale: The course content of MGT429H5 is similar to MGAC60H3, RSM424H1

Course #188 MGT430H5 Behavioural Finance

Before: Course Exclusion:
After: Course Exclusion: **MGFD40H3**
Rationale: The course content of MGT430H5 is similar to MGFD40H3

Course #189 MGT431H5 Advanced Topics in Corporate Finance

Before: Course Exclusion:
After: Course Exclusion: **RSM433H1**
Rationale: The course content of MGT431H5 is similar to RSM433H1.

Course #190 MGT434H5 Mergers and Acquisitions

Before: Course Exclusion:
After: Course Exclusion: **MGFD60H3, RSM433H1**
Rationale: The course content of MGT434H5 is similar to MGFD60H3, RSM433H1

Course #191 MGT435H5 Financial Market Trading

Before: Course Exclusion:
After: Course Exclusion: **MGFD60H3, RSM434H1**
Rationale: The course content of MGT434H5 is similar to MGFD60H3, RSM434H1

Course #192 MGT437H5 Strategy and Governance

Before:

Prerequisite: **MGT338H5, 339H5**
After: Prerequisite: **MGT322H5, 338H5**
Rationale: The course content will be repositioned to emphasize the connection between economics, strategy and governance in determining and analyzing how corporations add value in the economy. One of the primary goals of the course is to explicitly encourage integrative thinking across the disciplines of economics and management and within the sub-disciplines of both.

Course #193 MGT438H5 Futures and Options Markets

Before: Course Exclusion:
After: Course Exclusion: **MGFC30H3, RSM435H1**
Rationale: The course content of MGT438H5 is similar to MGFC30H3, RSM435H1

Course #194 MGT439H5 International Finance

Before: Course Exclusion: **ECO365H5**
After: Course Exclusion: **ECO365H5, MGFC50H3, RSM437H1**
Rationale: The course content of MGT439H5 is similar to MGFC50H3, RSM437H1

Course #195 MGT453H5 Marketing Research

Before: Course Exclusion:
After: Course Exclusion: **MGMC01H3**
Rationale: The course content of MGT452H5 is similar to MGMC01H3

Course #196 MGT455H5 Marketing Consulting: Models for Analysis

Before: Course Exclusion:
After: Course Exclusion: **MGMD01H3**
Rationale: The course content of MGT455H5 is similar to MGMD01H3

Course #197 MGT460H5 Human Resource Management

Before: Prerequisite: **MGT262H5/363H5/MGM300H5/WDW260H5** Course Exclusion:
After: Prerequisite: **MGT262H5/363H5/MGM300H5/WDW260H1**
 Course Exclusion: **MGIB12H3**
Rationale: WDW260H5 is no longer offered.
 The course content of MGT460H5 is similar to MGIB12H3, WDW260H1.

Course #198 MGT461H5 Negotiation

Before: Course Exclusion:
After: Course Exclusion: **MGHC52H3, RSM461H1**
Rationale: The course content of MGT461H5 is similar to MGHC52H3, RSM461H1

Course #199 MGT491H5 Introduction to International Business

Before: Course Exclusion:
After: Course Exclusion: **RSM490H1**
Rationale: The course content of MGT491H5 is similar to RSM490H1

Course #200 MGT492H5 Introduction to Strategic Management**Before:** Course Exclusion:**After:** Course Exclusion: **MGSC01H3, RSM392H1****Rationale:** The course content of MGT492H5 is similar to MGSC01H3, RSM392H1

Course #201 MGT493H5 Small Business Management**Before:** Course Exclusion:**After:** Course Exclusion: **RSM493H1****Rationale:** The course content of MGT493H5 is similar to RSM493H1

Course #202 PHY100H5 What's Physics Got to Do With It?**Before:** Course Exclusion: Any PHY or JCP course, taken previously or **concurrently****After:** Course Exclusion: Any PHY or JCP course, taken previously or **concurrently; PHY100H1; PMU199Y1****Rationale:** These are similar courses offered at St. George campus

Course #203 PHY136H5 Introductory Physics I**Before:** Prerequisite: Grade 12 Physics (SPH4U)/P.I.; Grade 12 Advanced Functions **(MHF4U)(minimum of 70)**
Corequisite: MAT134Y5/135Y5/137Y5 Course Exclusion:**After:** Prerequisite: **1. Grade 12 Physics (SPH4U)/P.I.; Grade 12 Advanced Functions (MHF4U)/Grade 12 Calculus and Vectors (MCV4U) or, 2. PHY100H5 (minimum grade of 70%)**
Corequisite:
Course Exclusion: PHY131H1; PHYA10H4, 11H3**Rationale:** **Prerequisite:** 1. Explicitly considering grade 12 Calculus and Vectors (MCV4U) as a possible replacement to grade 12 Advanced Functions (MHF4U) instead of writing it as a "Recommended Preparation". 2. Practically, students with poor performance in mathematics don't seek mathematical and physical sciences or, at most, seek first-year physics only. 3. The former "minimum of 70% has no similarities at St. George Campus or UTSC. 4. The new course PHY100H5 with a minimum grade of 70% can be considered as an acceptable prerequisite for PHY135H5. 5. In the CPS Departmental Meeting of 23 Sep 2013, the Chair alluded to a meeting in which the Registrar and others suggested relaxation of the condition on the minimum grade of 70% in high school mathematics. The Chair conveyed the need to increase the enrollment in the first-year courses by simplifying the prerequisites--corequisites.
Corequisite: Removal of - 1. Based on the discussion in the CPS Departmental Meeting of 23 Sep 2013, the Chair alluded to removing this corequisite as long as it is not so directly/critically effective. 2. Therefore, practically and effectively this requirement can be excluded because it is not so critical in dealing with the details of the course. 3. We used to consider this corequisite year after year to ensure that the students took MAT134Y5/135Y5/137Y5 before taking 2nd or higher year physics courses. 4. PHY136H5 is an Algebra-based first-year course and there is no critical need to take a first-year Calculus course.
Final Notes: The new statement describes more clearly the basis and details for granting the P.I. Some students approached me thinking that "without a grade 12 physics background they would automatically be granted P.I. Higher marks in high-school whether in mathematics or physical sciences (e.g., MHF4U, MCV4U, SPH3U, SCH4U, or SES4U) can now be considered as good reasons in granting P.I. for PHY135H5. Also students who pass successfully in the university level course PHY100H5 with a minimum grade of 70% would be acceptable for PHY136H5. Usually these students are already in higher years and may have taken other supporting courses.

Course #204 PHY137H5 Introductory Physics II**Before:** Course Exclusion:**After:** Course Exclusion: **PHY132H1; PHYA21H3, 22H3****Rationale:** Exclusion: Adding exclusion from ST.G. and UTSC as requested by the Dean, Academic, UTM

Course #205 PHY255H5 Introduction to Biomedical Physics

Courses - Other Changes

103

Sciences

- Before:** Prerequisite: PHY135Y5/(136H5, 137H5) **Course** Exclusion:
- After:** Prerequisite: PHY135Y5/(136H5, 137H5) **or PI Course** Exclusion: **PHY231H1**
- Rationale:** Prerequisite: To allow additional opportunity for student to meet the requisites.
Exclusion: This is a similar course offered at St. George Campus.

Course #206 PHY332H5 Molecular Biophysics

- Before:** Prerequisite: PHY242H5, **JCP221H5/CHM221H5 Course** Exclusion: **Recommended** Preparation:
- JCP321H5**
- After:** Prerequisite: PHY242H5, **255H5; JCP221H5 Course** Exclusion: **PHY331H1 Recommended** Preparation:
- Rationale:** Recommended Preparation: JCP321H5 was removed. JCP321H5 is offered in the Fall, so it cannot be taken previously; elements of quantum mechanics are introduced in the PHY322H5 course, so no previous preparation is needed in this area.
Prerequisite: First, the new prerequisite is PHY255H5, a new introductory biophysics course offered in the 2nd year, which is meant to familiarize students with some of the concepts covered in this course. Secondly, there is no need to mention CHM221H5, the course was last offered in Fall 2009, and JCP221H5 (the new course number) should be enough.
Exclusion: This is a similar course offered at St. George campus.

Course #207 PHY333H5 Physics of the Cell

- Before:** Prerequisite: PHY242H5, 255H5, **JCP221H5/CHM221H5**
- After:** Prerequisite: PHY242H5, 255H5, **JCP221H5**
- Rationale:** Prerequisite: JCP221H5/CHM221H5 - there is no longer a need to continue stating both codes since CHM221H5 was renumbered in 2009 and it is no longer offered.
Final Notes: Offered in alternate years, alternating with PHY332H5. Offered in 2014-15.

Course #208 PHY347H5 Optics

- Before:** Course Exclusion: **PHY247H5**
- After:** Course Exclusion: **PHY247H5; PHY385H1**
- Rationale:** Exclusion Add St. George and UTSC exclusions as requested by Dean, Academic at UTM. St. George course has sufficient overlap to be similar.
Prerequisite: The material of PHY325H5 is only marginally used in PHY347H5. To increase the flexibility for students to enroll in PHY347H5 the prerequisite PHY325H5 can be removed.

Course #209 PHY433H5 Medical Physics

- Before:** Prerequisite: **PHY332H5, 333H5, JCP321H5, 322H5**
- After:** Prerequisite: **PHY332H5/333H5**
- Rationale:** Prerequisite: This change is more significant to the course content and may increase the course enrollments. It is good to have PHY332H5 OR PHY333H5 rather than PHY332H5 AND PHY333H5 because they are offered in alternating years and some students may not have taken both courses at the time of enrollment.

Course #210 PHY451H5 Classical Electrodynamics

- Before:** Prerequisite: **PHY241, 245H5, 325H5 Course** Exclusion: **PHY341H5**
- After:** Prerequisite: **PHY2415H5, 325H5 Course** Exclusion: **PHY350H1; PHYC50H3**
- Rationale:** JCP421H5 was offered last year and it is my understanding that this is the phasing of the two courses moving forward.
Prerequisite: The material in PHY245H5 that is needed in PHY451H5 is already covered in PHY241H5 and PHY325H5.

Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic, UTM.

Course #211 POL111H5 Canada in Comparative Perspective

Before: Course Exclusion:

After: Course Exclusion: **POL224Y1**

Rationale: The course content of POL 111H5 is similar to POL 224Y1

Course #212 POL112H5 Democracy in Theory and Practice

Before: Course Exclusion:

After: Course Exclusion: **POLA51H3**

Rationale: The course content of POL A51H3 is similar to POL 112H5

Course #213 POL114H5 Politics in the Global World

Before: Course Exclusion:

After: Course Exclusion: **POLA83H3**

Rationale: The course content of POL A83H3 is similar to POL 114H5

Course #214 POL203Y5 Politics and Government of the United States

Before: Course Exclusion:

After: Course Exclusion: **POL 203Y1, POLC92H3, POLC93H3**

Rationale: The course contents of POL 203Y1, POL C92H3 and POL C93H3 are similar to POL 203Y5

Course #215 POL208Y5 Introduction to International Relations

Before: Course Exclusion:

After: Course Exclusion: **POL 208Y1, POLB80H3, POLB81H3**

Rationale: The course contents of POL 208Y1, POL B80H3, POL B81H3 are similar to POL 208Y5

Course #216 POL214Y5 Canadian Government and Politics

Before: Course Exclusion: POL100Y5, (110H5, 111H5), POL **224Y1**

After: Course Exclusion: POL100Y5, (110H5, 111H5), POL **214Y1, 224Y1, POLB50Y3**

Rationale: Adding POL 214Y1, POL B50Y3 as exclusions as they also have similar content as POL 214Y5

Course #217 POL250Y5 Environmental Politics in Canada

Before: Course Exclusion: ENV **250Y5 Y**

After: Course Exclusion: ENV **250Y5, ENV 320H1, POLC53H3**

Rationale: The course content in ENV 320H1 and POL C53H3 is similar to ENV/POL 250Y5.

Course #218 POL300Y5 Topics in Comparative Politics

Before: Course Exclusion:

After: Course Exclusion: **POL 300Y1, POLC42H3**

Rationale: The course content in POL 300Y1 and POL C42H3 has similar content as POL 300Y5

Course #219 POL302Y5 Politics of Western Europe and the European Union

Before: Course Exclusion:
After: Course Exclusion: **POL 207Y1, POLB93H3**
Rationale: The course content in POL 207Y1 and POL B93H3 has similar content as POL 302Y5

Course #220 POL303Y5 The Politics of Islam

Before: Course Exclusion: POL300Y5, **POL300Y1**
After: Course Exclusion: POL300Y5, **POL300Y1, POLC96H3, POLC97H3**
Rationale: The course content in POL C96H3 and POL C97H3 has similar content as POL 303Y5

Course #221 POL310Y5 Managing International Military Conflict

Before: Course Exclusion:
After: Course Exclusion: **POLC09H3**
Rationale: The course content in POL C09H3 has similar content as POL 310Y5

Course #222 POL316Y5 Contemporary Canadian Federalism

Before: Course Exclusion:
After: Course Exclusion: **POL 316Y1, POLC57H3**
Rationale: The course content in POL 316Y1 and POL C57H3 has similar content as POL 316Y5

Course #223 POL320Y5 Modern Political Thought

Before: Course Exclusion:
After: Course Exclusion: **POL 320Y1, POLC73H3**
Rationale: The course content in POL 320Y1 and POL C72H3 has similar content as POL 320Y5

Course #224 POL327Y5 Comparative Foreign Policy

Before: Course Exclusion:
After: Course Exclusion: **POL 326Y1, POLC82H3, POLC83H3**
Rationale: The course content in POL 326Y1, POL C82H3 and POL C83H3 has similar content as POL 327Y5

Course #225 POL340Y5 International Law

Before: Course Exclusion:
After: Course Exclusion: **POL 340Y1**
Rationale: The course content in POL 340Y1 is similar to POL 340Y5

Course #226 POL343Y5 Politics of Global Governance

Before: Course Exclusion:
After: Course Exclusion: **POL 343Y1, POLC87H3**
Rationale: The course content in POL 343Y1, POL C87H3 is similar to POL 343Y5

Course #227 POL346Y5 Urban Politics

Before: Course Exclusion:
After: Course Exclusion: **POL 349Y1**
Rationale: The course content in POL 349Y1 is similar to POL 346Y5

Course #228 POL353Y5 Canadian Public Policy: From the Golden Age to the Era of Globalization

Before: Course Exclusion: **POL209Y5**
After: Course Exclusion: **POL209Y5, POL 316Y, POLC57H3, POLC54H3**
Rationale: The course content in POL 316Y, POL C57H3 and POL C54H3, along with POL 209Y5, already stated in the book, has similar content to POL 353Y5

Course #229 POL354Y5 Russian Politics

Before: Course Exclusion: **POL204Y5, POL204Y1**
After: Course Exclusion: **POL 204Y5, POL 204Y1, POL 354H1, POLC89H3**
Rationale: The course content in POL 354H1, POL C89H3, along with POL 204Y5 and POL 204Y1, already stated in the calendar, is similar to POL 354Y5

Course #230 POL355Y5 Multiculturalism and Citizenship

Before: Course Exclusion:
After: Course Exclusion: **POLC58H3**
Rationale: The course content in POL C58H3 is similar to POL 355Y5

Course #231 POL360H5 State, Society and Regime Change in Latin America

Before: Course Exclusion:
After: Course Exclusion: **POL 305Y1, POLC91H3**
Rationale: The course content in POL 305Y1, POL C91H3 is similar to POL 360H5

Course #232 POL361H5 After Regime Change: The Quality of Democracy in Latin America

Before: Course Exclusion:
After: Course Exclusion: **POLC91H3**
Rationale: The course content in POL C91H3 is similar to POL 360H5

Course #233 POL368Y5 Women and Politics

Before: Course Exclusion: POL **351Y1**
After: Course Exclusion: POL **351Y1, POL 450H1**
Rationale: The course content in POL 450H1 is similar to POL 368Y5

Course #234 PSY100Y5 Introductory Psychology

Before: Course Exclusion:
After: Course Exclusion: **PSY100H1/PSYA01H3/PSYA02H3**
Rationale: As per CUPE 3902

Course #235 PSY201H5 Research Design and Analysis in Psychology I

Before: Course Exclusion: **BIO360H5/ECO220Y5/227Y5/SOC300Y5/350H5/STA218H5/220H5**
After: Course Exclusion: **BIO360H5/ECO220Y5/227Y5/SOC300Y5/350H5/STA215H5/218H5/220H5/PSY201H1/PSY**
Rationale: Exclusion added for all 3 campuses as per the CUPE 3902 Collective Agreement

Course #236 PSY202H5 Research Design and Analysis in Psychology II

Before: Course Exclusion: **ECO220Y5/227Y5/STA221H5/BIO361H5/SOC300Y5**
After: Course Exclusion: **ECO220Y5/227Y5/STA221H5/256H5/BIO361H5/SOC300Y5/PSY202H1/PSYC08H3**
Rationale: Required as per CUPE 3902

Course #237 PSY210H5 Introduction to Developmental Psychology

Before: Course Exclusion:
After: Course Exclusion: **PSY210H1/PSYB20H3/PSYB21H3**
Rationale: Required as per CUPE 3902

Course #238 PSY220H5 Introduction to Social Psychology

Before: Course Exclusion:
After: Course Exclusion: **PSY220H1/PSYB10H3**
Rationale: Required as per CUPE3902

Course #239 PSY230H5 Introduction to Personality

Before: Course Exclusion:
After: Course Exclusion: **PSY230H1/PSYB30H3**
Rationale: Required as per CUPE3902

Course #240 PSY240H5 Introduction to Abnormal Psychology

Before: Course Exclusion:
After: Course Exclusion: **PSY240H1/PSYB32H3**
Rationale: Required as per CUPE3902

Course #241 PSY270H5 Introduction to Cognitive Psychology

Before: Course Exclusion:
After: Course Exclusion: **PSY270H1/PSYB57H3**
Rationale: Required as per CUPE 3902

Course #242 PSY280H5 Perception

Before: Course Exclusion:
After: Course Exclusion: **PSY280H1/PSYB51H3**
Rationale: Required as per CUPE 3902

Course #243 PSY290H5 Introduction to Physiological Psychology

Before: Course Exclusion:
After: Course Exclusion: **PSY290H1/PSYB64H3**
Rationale: Required as per CUPE 3902

Course #244 PSY299Y5 Research Opportunity Program

Before: Course Exclusion:
After: Course Exclusion: **PSY299Y1**
Rationale: Required as per CUPE 3902

Course #245 PSY309H5 Experimental Design and Theory

Before: Course Exclusion:
After: Course Exclusion: **PSY309H1**
Rationale: Required as per CUPE3902

Course #246 PSY311H5 Social Development

Before: Course Exclusion:
After: Course Exclusion: **PSY311H1/PSYC23H3**
Rationale: Required as per CUPE 3902

Course #247 PSY312H5 Cognitive Development

Before: Course Exclusion:
After: Course Exclusion: **PSY312H1**
Rationale: Required as per CUPE 3902

Course #248 PSY313H5 Adult Development and Aging

Before: Prerequisite: **PSY100Y5 Course** Exclusion: **PSY313H1**
After: Prerequisite: **PSY201H5/equivalent, one additional second year course in PSY Course** Exclusion: **PSY213H5/PSY313H1**
Rationale: This is a general course on aging and as such will benefit from background in any area in psychology.

Course #249 PSY316H5 Infant Perception and Cognition

Before: Course Exclusion:
After: Course Exclusion: **PSY316H1**
Rationale: Required as per CUPE 3902

Course #250 PSY319H5 Developmental Psychology Laboratory

Before: Course Exclusion:
After: Course Exclusion: **PSY319H1/PSYC26H3**
Rationale: Required as per CUPE3902

Course #251 PSY320H5 Social Psychology: Attitudes

Before: Course Exclusion:
After: Course Exclusion: **PSY320H1**
Rationale: Required as per CUPE3902

Course #252 PSY321H5 Cross-cultural Psychology

Before: Course Exclusion:
After: Course Exclusion: **PSY321H1/PSYC14H3**

Rationale: Required as per CUPE 3902

Course #253 PSY324H5 The Science of Wellbeing

Before: Course Exclusion:

After: Course Exclusion: **PSY336H1**

Rationale: Required as per CUPE 3902

Course #254 PSY325H5 Psychology of the Self

Before: Course Exclusion:

After: Course Exclusion: **PSYD12H3**

Rationale: Required as per CUPE3902

Course #255 PSY327H5 Interpersonal Relationships

Before: Course Exclusion: **PSY324H1, 424H1**

After: Course Exclusion: **PSY424H1/PSYD11H3**

Rationale: Required as per CUPE 3902

Course #256 PSY328H5 Psychology and the Law

Before: Course Exclusion:

After: Course Exclusion: **PSY328H1/PSYC39H3**

Rationale: Required as per CUPE 3902

Course #257 PSY329H5 Social/Personality Laboratory

Before: Course Exclusion:

After: Course Exclusion: **PSY329H1/PSYC11H3**

Rationale: Required as per CUPE 3902

Course #258 PSY331H5 Psychological Tests

Before: Course Exclusion: **PSY330H1**

After: Course Exclusion: **PSY330H1/PSYC37H3**

Rationale: REQUIRED AS PER CUPE 3902

Course #259 PSY333H5 Health Psychology

Before: Course Exclusion:

After: Course Exclusion: **PSY333H1**

Rationale: REQUIRED AS PER CUPE 3902

Course #260 PSY340H5 Abnormal Psychology: Adult Disorders

Before: Course Exclusion:

After: Course Exclusion: **PSY342H1/PSYB32H3**

Rationale: REQUIRED AS PER CUPE 3902

Course #261 PSY341H5 Abnormal Psychology: Disorders of Children and Adolescents

Before: Course Exclusion:
After: Course Exclusion: **PSY341H1**
Rationale: REQUIRED AS PER CUPE 3902

Course #262 PSY343H5 Theories of Psychotherapy

Before: Course Exclusion:
After: Course Exclusion: **PSY343H1/PSYC36H3**
Rationale: REQUIRED AS PER CUPE 3902

Course #263 PSY344H5 Forensic Psychology

Before: Course Exclusion:
After: Course Exclusion: **PSYC39H3**
Rationale: REQUIRED AS PER CUPE 3902

Course #264 PSY352H5 Animal Behaviour

Before: Prerequisite: **PSY100Y5 Course** Exclusion:
After: Prerequisite: **PSY201H5/equivalent, 290H5 Course** Exclusion: **PSY252H5**
Rationale: This will not be an introductory course anymore now that it is moved to 3rd year.

Course #265 PSY353H5 Developmental Social Neuroscience

Before: Course Exclusion:
After: Course Exclusion: **PSY473H1/PSYC23H3/PSYD17H3**
Rationale: REQUIRED AS PER CUPE 3902

Course #266 PSY355H5 Animal Behaviour Genetics

Before: Course Exclusion:
After: Course Exclusion: **PSY390H1**
Rationale: While course is an introduction to the topic it is not an introductory level course. We are hoping that will be clearer by elimination "Introduction" from the title but keeping it in the description.

Course #267 PSY362H5 Animal Cognition

Before: Course Exclusion:
After: Course Exclusion: **PSY362H1**
Rationale: REQUIRED AS PER CUPE 3902

Course #268 PSY371H5 Higher Cognitive Processes

Before: Course Exclusion:
After: Course Exclusion: **PSY371H1**
Rationale: REQUIRED AS PER CUPE 3902

Course #269 PSY372H5 Human Memory

Before: Course Exclusion:

After: Course Exclusion: **PSY372H1**
Rationale: REQUIRED AS PER CUPE 3902

Course #270 PSY379H5 Cognitive Psychology Laboratory

Before: Course Exclusion:
After: Course Exclusion: **PSY379H1/PSYC58H3**
Rationale: REQUIRED AS PER CUPE 3902

Course #271 PSY387H5 Psychology of Music

Before: Course Exclusion: CCT371H5 (formerly **CCT371H5**)
After: Course Exclusion: CCT371H5 (formerly **CCT371H5/PSYC56H3**)
Rationale: REQUIRED AS PER CUPE 3902

Course #272 PSY393H5 Human Neuropsychology

Before: Course Exclusion:
After: Course Exclusion: **PSY493H1/PSYC31H3/PSYC55H3**
Rationale: REQUIRED AS PER CUPE 3902

Course #273 PSY399H5 Psychobiology Laboratory

Before: Course Exclusion:
After: Course Exclusion: **PSY399H1/PSYC06H3**
Rationale: REQUIRED AS PER CUPE 3902

Course #274 PSY400Y5 Thesis

Before: Course Exclusion:
After: Course Exclusion: **PSY400Y1/PSYD98Y3**
Rationale: REQUIRED AS PER CUPE 3902

Course #275 PSY410H5 Special Topics in Developmental Psychology

Before: Course Exclusion:
After: Course Exclusion: **PSY410H1/PSYD22H3**
Rationale: REQUIRED AS PER CUPE 3902

Course #276 PSY415H5 Special Topics in Adult Development and Aging

Before: Course Exclusion:
After: Course Exclusion: **PSY417H1**
Rationale: REQUIRED AS PER CUPE 3902

Course #277 PSY420H5 Special Topics in Social Psychology

Before: Course Exclusion:
After: Course Exclusion: **PSY420H1/PSYD12H3/PSYD15H3/PSYD16H3**
Rationale: REQUIRED AS PER CUPE 3902

Course #278 PSY430H5 Special Topics in Personality**Before:** Course Exclusion:**After:** Course Exclusion: **PSY430H1/PSYD30H3/PSYD32H3****Rationale:** REQUIRED AS PER CUPE 3902**Course #279 PSY440H5 Special Topics in Abnormal Psychology****Before:** Course Exclusion:**After:** Course Exclusion: **PSY440H1/PSYD33H3****Rationale:** REQUIRED AS PER CUPE 3902**Course #280 PSY471H5 Special Topics in Cognitive Psychology****Before:** Course Exclusion:**After:** Course Exclusion: **PSY471H1/PSYD50H3****Rationale:** REQUIRED AS PER CUPE 3902**Course #281 PSY480H5 Special Topics in Perception****Before:** Course Exclusion:**After:** Course Exclusion: **PSY480H1/PSYD51H3****Rationale:** REQUIRED AS PER CUPE 3902**Course #282 PSY490H5 Advanced Topics in Biological Psychology****Before:** Course Exclusion:**After:** Course Exclusion: **PSY490H1/PSYD66H3****Rationale:** REQUIRED AS PER CUPE 3902**Course #283 SOC100H5 Introduction to Sociology****Before:** Course Exclusion: SOC101Y5, **SOC101Y1****After:** Course Exclusion: SOC101Y5, **SOC101Y1, SOCA01H3****Rationale:** The course content of SOCA01H3 is similar to SOC100H5**Course #284 SOC221H5 The Logic of Social Inquiry****Before:** Course Exclusion: SOC200Y5, **200H1****After:** Course Exclusion: SOC200Y5, **200Y1, 200H1, SOCB05H3****Rationale:** The course content of SOCB05H3 is similar to SOC221H5.**Course #285 SOC222H5 Measuring the Social World****Before:** Course Exclusion: SOC200Y5, 202H1**After:** Course Exclusion: SOC200Y5, **200Y1**, 202H1**Rationale:****Course #286 SOC244H5 Sociology of Families****Before:** Course Exclusion: SOC214Y5, 214Y1, **214H1**

After: Course Exclusion: SOC214Y5, 214Y1, **214H1, SOCB49H3**

Rationale: The course content of SOCB49H3 is similar to SOC244H5.

Course #287 SOC263H5 Social Inequality

Before: Course Exclusion: SOC301Y5, **363H5**

After: Course Exclusion: SOC301Y5, **363H5, 281H1**

Rationale: The course content of SOC281H1 is similar to SOC263H5.

Course #288 SOC275H5 Sociology of Gender

Before: Course Exclusion: **SOC365H5**

After: Course Exclusion: **SOC365H5, SOC265H1, SOCB22H3**

Rationale: The course content of SOC265H1 and SOCB22H3 is similar to SOC275H5

Course #289 SOC317H5 Shopping and Society

Before: Course Exclusion: **Recommended** Preparation:

After: Course Exclusion: **SOC217H5**
Recommended Preparation: **SOC202H5**

Rationale:

Course #290 SOC335H5 Political Sociology

Before: Course Exclusion: **SOC260H1**

After: Course Exclusion: **SOC260H1, SOCC39H3**

Rationale: The course content of SOCC39H3 is similar to SOC335H5.

Course #291 SOC356H5 Population and Society

Before: Course Exclusion: SOC312Y5, **312Y1**

After: Course Exclusion: SOC312Y5, **SOC312H1**

Rationale: This course revises the description to reflect additional policy content and make explicit it's link with our Social Policy Stream. It will be taught by the same tenured Professor and thus has no resource implications.

Course #292 SOC359H5 Gendered Identities

Before: Prerequisite: SOC100H5, **1.0 SOC credit at the 200 level Recommended** Preparation:
SOC275H5

After: Prerequisite: SOC100H5, **263H5/275H5/WGS101H5**
Recommended Preparation:

Rationale: The third and fourth year gender courses require some basic knowledge of gender differences and inequalities which could be gleaned from any of these 200 level courses. SOC263H5 examines intersecting axes of inequality of which gender is a central one.

Course #293 SOC380H5 Gender, Politics and Society

Before: Prerequisite: SOC100H5, **1.0 SOC credit at the 200 level Recommended** Preparation:
SOC275H5

After:

Prerequisite: SOC100H5, **263H5/275H5/WGS101H5**

Recommended Preparation:

Rationale: The third and fourth year gender courses require some basic knowledge of gender differences and inequalities which could be gleaned from any of these 200 level courses. SOC263H5 examines intersecting axes of inequality of which gender is a central one.

Course #294 SOC387H5 Qualitative Analysis I

Before: Course Exclusion:

After: Course Exclusion: **SOC302H1**

Rationale: The course content of SOC302H1 is similar to SOC387H5.

Course #295 SOC393H5 Independent Research in Criminology and Law

Before: Prerequisite: SOC209H5, **305H5**

After: Prerequisite: SOC209H5, **205H5/305H5**

Rationale: SOC205H5 replaces SOC305H5

Course #296 SOC394H5 Independent Research in Criminology and Law

Before: Prerequisite: SOC209H5, **305H5**

After: Prerequisite: SOC209H5, **205H5/305H5**

Rationale: SOC205H5 replaces SOC305H5

Course #297 SOC425H5 Gender in Global Contexts

Before: Prerequisite: **1.0 SOC credit at the 200 level**, .5 SOC credit at the 300 level.

After: Prerequisite: **SOC100H5, 263H5/275H5/WGS101H5**, .5 SOC credit at the 300 level.

Rationale: The third and fourth year gender courses require some basic knowledge of gender differences and inequalities which could be gleaned from any of these 200 level courses. SOC263H5 examines intersecting axes of inequality of which gender is a central one.

Course #298 STA220H5 The Practice of Statistics I

Before: Course Exclusion: STA218H5, 256H5, **257H5**; BIO360H5; ECO220Y5, 227Y5; PSY201H5; SOC351H5

After: Course Exclusion: STA218H5, 256H5, **257H5, 220H1, STAB22H3**; BIO360H5; ECO220Y5, 227Y5; PSY201H5; SOC351H5

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #299 STA221H5 The Practice of Statistics II

Before: Course Exclusion: **STA256H5**, 257H5, 258H5, 302H5; BIO361H5; ECO220Y5, 227Y5; PSY202H5; SOC351H5

After: Course Exclusion: **STA221H1, 256H5**, 257H5, **257H1**, 258H5, **STAB27H3**, 302H5; BIO361H5; ECO220Y5, 227Y5; PSY202H5; SOC351H5

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #300 STA256H5 Probability and Statistics I

Before: Course Exclusion: **STA257H5**; ECO227Y5

After: Course Exclusion: **STA257H5, 257H1, STAB52H3**; ECO227Y5

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #301 STA258H5 Statistics with Applied Probability

Before: Course Exclusion: ECO227Y5
After: Course Exclusion: **STA248H1, 255H1, STAB57H3**, ECO227Y5
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #302 STA260H5 Probability and Statistics II

Before: Course Exclusion: **STA261H5**
After: Course Exclusion: **STA261H5, 261H1, STAC58H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #303 STA302H5 Regression Analysis

Before: Course Exclusion: **ECO327Y5; STA302H1, 331H5**
After: Course Exclusion: **STA302H1, 331H5, STAC67H3; ECO327Y5**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #304 STA304H5 Surveys, Sampling and Observational Data

Before: Course Exclusion:
After: Course Exclusion: **STA304H1**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #305 STA305H5 Experimental Design

Before: Course Exclusion: **STA332H5**
After: Course Exclusion: **STA332H5, 305H1**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #306 STA348H5 Introduction to Stochastic Processes

Before: Course Exclusion:
After: Course Exclusion: **STA347H1, 442H1, STAC63H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #307 STA390H5 Modern Applied Statistics

Before: Course Exclusion:
After: Course Exclusion: **STA414H1**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #308 STA413H5 Estimation and Testing

Before: Course Exclusion: **STA422H5**
After: Course Exclusion: **STA422H5, 422H1, 452H1**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #309 STA437H5 Applied Multivariate Statistics

Before: Course Exclusion:
After: Course Exclusion: **STA437H1, STAD37H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #310 STA441H5 Methods of Applied Statistics

Before: Prerequisite: **STA215H5/220H5/258H5; BIO360H5; ECO220Y5, 227Y5; PSY201H5; SOC350H5** or permission of the instructor **Course Exclusion:**
After: Prerequisite: **STA215H5/220H5/258H5/BIO360H5/ECO220Y5/227Y5/PSY201H5/SOC350H5** or permission of the instructor **Course Exclusion: STA442H5,442H1**
Rationale: Tiding up an error replace ";" with "/".

Course #311 STA457H5 Applied Time Series Analysis

Before: Course Exclusion:
After: Course Exclusion: **STA457H1, STAD57H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #312 WGS366H5 Women and Psychology

Before: Course Exclusion: **PSYD18H; WGS372H1**
After: Course Exclusion: **PSYD18H, WGS372H1, WGS378H1**
Rationale: Updating exclusion list to include UTSG course.

Course #313 WGS367H5 Women and Health

Before: Course Exclusion: ERI367H5, NEW367H1, **WGS367H1**
After: Course Exclusion: ERI367H5, NEW367H1, **WGS367H, WSTC21H3**
Rationale: Updating exclusion list to include UTSC course.

Course #314 utm110H5 utmONE: Building Global Justice

Before: Course Exclusion: utm111H5, utm112H5, utm190H5, utm191H5, **utm192H5** **Distribution:** SSc
After: Course Exclusion: utm111H5, utm112H5, utm190H5, utm191H5, **utm192H5, utm193H5**
Distribution: HUM SSc
Rationale: Addition of Humanities distribution requirement: Students in this course are learning transferable skills relevant to both Humanities and Social Science disciplines.
 Deletion of text: All utmONE courses are now open to any interested student, regardless of admit post.

Course #315 utm111H5 utmONE: Tools of the Trade

Before: Course Exclusion: utm110H5, utm112H5, utm190H5, utm191H5, **utm192H5** **Distribution:** SCI
After: Course Exclusion: utm110H5, utm112H5, utm190H5, utm191H5, **utm192H5, utm193H5**
Distribution: SSc SCI
Rationale: Addition of Social Science distribution requirement: Students in this course are learning transferable skills relevant to both Science and Social Science disciplines.
 Deletion of text: All utmONE courses are now open to any interested student, regardless of admit post.
 Exclusion changes: This now reflects the full set of utmONE courses.

Course #316 utm111H5 utmONE: Tools of the Trade

Before: Course Exclusion: utm110H5, utm112H5, utm190H5, utm191H5, **utm192H5** **Distribution:** SCI
After: Course Exclusion: utm110H5, utm112H5, utm190H5, utm191H5, **utm192H5, utm193H5**
Distribution: **Ssc** SCI
Rationale: Addition of Social Science distribution requirement: Students in this course are learning transferable skills relevant to both Science and Social Science disciplines.
 Deletion of text: All utmONE courses are now open to any interested student, regardless of admit post.
 Exclusion changes: This now reflects the full set of utmONE courses.

Course #317 utm112H5 utmONE: Power and Danger of Expression

Before: Course Exclusion: utm110H5, utm111H5, utm190H5, utm191H5, **utm192H5** **Distribution:** HUM
After: Course Exclusion: utm110H5, utm111H5, utm190H5, utm191H5, **utm192H5, utm193H5**
Distribution: HUM **Ssc**
Rationale: Addition of Social Science distribution requirement: Students in this course are learning transferable skills relevant to both Humanities and Social Science disciplines.
 Deletion of text: All utmONE courses are now open to any interested student, regardless of admit post.
 Exclusion changes: This now reflects the full set of utmONE courses.

Course #318 utm190H5 utmONE Scholars: The Drama of Politics

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm191H5, **utm192H5**
After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm191H5, **utm192H5, utm193H5**
Rationale: Exclusion changes: This now reflects the full set of utmONE courses.

Course #319 utm191H5 utmONE Scholars: Science Meets Society

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm190H5, **utm192H5** **Distribution:** SCI
After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm190H5, **utm192H5, utm193H5**
Distribution: **Ssc** SCI
Rationale: Addition of Social Science distribution requirement: Students in this course are learning transferable skills relevant to both Science and Social Science disciplines.
 Exclusion changes: This now reflects the full set of utmONE courses.

Course #320 utm191H5 utmONE Scholars: Science Meets Society

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm190H5, **utm192H5** **Distribution:** SCI
After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm190H5, **utm192H5, utm193H5**
Distribution: **Ssc** SCI
Rationale: Addition of Social Science distribution requirement: Students in this course are learning transferable skills relevant to both Science and Social Science disciplines.
 Exclusion changes: This now reflects the full set of utmONE courses.

Course #321 utm192H5 utmONE Scholars: Language, Culture, and Mind

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm190H5, **utm191H5**
After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm190H5, **utm191H5, utm193H5**
Rationale: Exclusion changes: This now reflects the full set of utmONE courses.

Social Sciences/ICCIT

Social Sciences/ICCIT

SOCIAL SCIENCES/ICC - Table of Contents

SUMMARY OF COURSE CHANGES.....1

New Programs.....2

Programs - Resource Implications.....3

Deleted Programs.....5

Programs - Other Changes.....6

New Courses.....20

Courses - Resource Implications.....33

Deleted Courses.....47

Renumbered Courses.....48

Courses - Description Changes.....49

Changes in Course Name.....58

Courses - Other Changes.....62

6

SUMMARY OF COURSE CHANGES

Department Name	No. of full courses deleted	No. of full courses added	No. of half courses deleted	No. of half courses added	No. of full courses changed	No. of half courses changed
Anthropology	0	0	0	1	0	19
Communication, Culture, Information and Technology	0	0	1	19	0	17
Concurrent Teacher Education	0	0	0	0	0	3
Diaspora and Transnational Studies	0	0	0	0	0	1
Economics	0	0	0	1	4	0
Environment	0	0	0	3	1	1
Erindale Courses	0	0	0	0	0	1
Forensic Science	0	0	0	0	0	0
Geography	0	0	0	3	1	9
Language Studies	0	0	0	0	0	0
Linguistics	0	0	0	0	0	2
Management	0	0	0	0	0	53
Mathematics	0	0	0	0	1	0
Political Science	0	0	0	0	19	5
Professional Writing and Communication	0	0	0	1	0	0
Sociology	0	0	3	9	0	16
Women and Gender Studies	0	0	0	0	0	2
utmONE	0	0	0	1	0	6

6

New Programs

NONE

Programs - Resource Implications

Program #1 ERMAJ0727 Criminology and Socio-Legal Studies (Arts)

Resource implications: None

Program #2 ERMAJ1013 Sociology (Arts)

Resource implications: None.

Program #3 ERMAJ1425 Environmental Management (Arts)

Resource implications: none

Program #4 ERMAJ1775 Anthropology (Arts)

Resource implications: No resource implications.

Program #5 ERMIN1333 South Asian Civilizations(Arts)

Resource implications: No resource implications.

Program #6 ERMIN1425 Environmental Management (Arts)

Resource implications: none

Program #7 ERMIN1478 Economics (Arts, B.Com.)

Resource implications: None

Program #8 ERSPE1200 Visual Culture and Communication (Arts)

Resource implications: No resource implications.

Program #9 ERSPE1307 Digital Enterprise Management (Arts)

Resource implications: None

Program #10 ERSPE1384 International Affairs (Arts)

Resource implications: None

Program #11 ERSPE1425 Environmental Management (Arts)

Resource implications: none

Program #12 ERSPE1478 Economics (Arts, B.Com.)

Resource implications: None

Program #13 ERSPE1666 Geography (Arts)

Resource implications: none

Program #14 ERSPE1704 Commerce: Accounting (BCom)

Resource implications: none

Program #15 ERSPE1775 Anthropology (Arts)

Programs - Resource Implications

3

Social Sciences/ICCIT

Resource implications: No resources implications.

Program #16 ERSPE1815 Commerce: Human Resource Management (BCom)

Resource implications: None

Program #17 ERSPE2172 Interactive Digital Media (Arts)

Resource implications: None

Program #18 ERSPE2722 Financial Economics (Science)

Resource implications: None

Deleted Programs

NONE

Programs - Other Changes

Program #1 ERMAJ0727 Criminology and Socio-Legal Studies (Arts)

Rationale for change: We are unable to reliably staff our required courses because of the growth in demand. We need to limit the number of students in our programs at a level that more reasonably matches our resources. We also need to increase the quality of our students in order to teach more effectively. We have found that the quality has deteriorated over time as classes have grown too large.

Before: Limited Enrolment: Students applying at the end of first year (4.0 credits) must have a grade of at least **63** in SOC100H5 and a CGPA of at least 2.0. Students applying in subsequent years must have an average grade of at least **63** among all sociology courses and a CGPA of 2.0. Optional Courses 2.0 credits must be selected from Group A and an additional 2.5 credits from Group A or Group B.

Group A:
SOC211H5, 216H5, 219H5, 300H5, 307H5, 310H5, 316H5, 323H5, 326H5, 330H5, 346H5, 371H5, 378H5, 379H5, 393H5, 394H5, 420H5, 421H5, 446H5, 447H5, 448H5, 450H5, 456H5, 475H5, 493H5, 494H5

Group B:
ANT205H5, 369H5
CCT206H5
FSC239Y5, 271H5, 360H5, 361H5
GGR313H5
PHL271H5, 283H5, 370H5
POL214Y5, 332Y5, 340Y5, 353Y5

PSY220H5, 230H5, 240H5, 270H5, 325H5, 328H5, 340H5, 341H5 344H5, 420H5, 440H5
SOC231H5, 232H5, 236H5, 244H5, 253H5, 263H5, 275H5, 284H5, 302H5, 332H5, 339H5, 350H5, 351H5, 354H5, 359H5, 365H5, 368H5, 380H5, 387H5, 388H5, 425H5, 432H5, 457H5, 460H5, 480Y5
WGS365H5, 420H5

After: Limited Enrolment: Students applying at the end of first year (4.0 credits) must have a grade of at least **67** in SOC100H5 and a CGPA of at least 2.0. Students applying in subsequent years must have an average grade of at least **67** among all sociology courses and a CGPA of 2.0. Optional Courses 2.0 credits must be selected from Group A and an additional 2.5 credits from Group A or Group B.

Group A:
SOC211H5, 216H5, 219H5, **220H5**, 300H5, 307H5, **308H5**, 310H5, 316H5, 323H5, 326H5, 330H5, 346H5, 371H5, 378H5, 379H5, 393H5, 394H5, 420H5, 421H5, 446H5, 447H5, 448H5, 450H5, 456H5, 475H5, 493H5, 494H5

Group B:
ANT205H5, 369H5
CCT206H5
FSC239Y5, 271H5, 360H5, 361H5
GGR313H5
PHL271H5, 283H5, 370H5
POL214Y5, 332Y5, 340Y5, 353Y5

PSY220H5, 230H5, 240H5, 270H5, 325H5, 328H5, 340H5, 341H5 344H5, 420H5, 440H5
SOC202H5, **231H5**, 232H5, 236H5, **239H5**, 244H5, 253H5, 263H5, 275H5, 284H5, 302H5, 332H5, 339H5, 350H5, 351H5, 354H5, 359H5, 365H5, 368H5, 380H5, **384H5**, 387H5, 388H5, 425H5, 432H5, 457H5, 460H5, 480Y5
WGS365H5, 420H5

Program #2 ERMAJ1013 Sociology (Arts)

Rationale for change: We are unable to reliably staff our required courses because of the growth in demand. We need to limit the number of students in our programs at a level that more reasonably matches our resources. We also need to increase the quality of our students in order to teach more effectively. We have found that the quality has deteriorated over time as classes have grown too large.

- Before:** Limited Enrolment: Students applying at the end of first year (4.0 credits) must have a grade of at least **63** in SOC100H5 and a CGPA of at least 2.0. Students applying in subsequent years must have an average grade of at least **63** among all sociology courses and a CGPA of 2.0.
- After:** Limited Enrolment: Students applying at the end of first year (4.0 credits) must have a grade of at least **67** in SOC100H5 and a CGPA of at least 2.0. Students applying in subsequent years must have an average grade of at least **67** among all sociology courses and a CGPA of 2.0.

Program #3 ERMAJ1425 Environmental Management (Arts)

Rationale for change: We wanted to identify a clear core for the program (with changes/additions at the 3rd year) and reduce course options that were not aligned with focus of the program/not required for upper-level course. We now offer more ENV courses, and other units offer enough ENV-focused courses that some of the options are no longer needed to ensure students can get enough credits.

Before:

First Year: 2.0 credits
 - Introduction: ENV100Y5
 - Foundation: 1.0 credit chosen from this list: ~~ANT101H5, 102H5~~; ECO100Y5; GGR111H5; ~~HIS101H5~~; PHL105Y5; ~~POL111H5, 112H5~~, 113H5, 114H5; ~~WRI203H5~~; 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: 2.5 credits
 - Environmental Management Core: ENV201H5
 - Social Science/Humanities Core: 1.0 credit chosen from this list: ANT204Y5, 241Y5; ENG259H5; GGR202H5, 207H5, 208H5, 209H5, 287H5, 288H5; PHL273H5; ENV250Y5
 - Science Core: 0.5 credit chosen from this list: ~~BIO201H5, 205H5~~; ERS201H5; GGR201H5, 214H5, 217H5, 227H5; PHY237H5
 - Analytical & Research Methods: 0.5 credit chosen from this list: GGR276H5, 277H5, 278H5; ~~SOC222H5~~; STA220H5; or another program-relevant 200/300-level Research Methods course, with permission of the Program Advisor

Upper Years: 3.5 credits
 - Environmental Management Perspectives: ~~0.5~~ credit chosen from this list: ANT357H5; ~~ENV393H5, GGR329H5~~; HIS318H5, 319H5
 - Social, Economic & Policy Perspectives: ~~0.5~~ credit chosen from this list: ANT357H5, 368H5, 370H5; ECO373Y5; ~~ENV420H5, GGR333H5~~, 345H5, 348H5, 349H5, 361H5, 365H5, 367H5, ~~369H5~~, 370H5, 378H5, ~~380H5~~, 419H5; MGT394H5; PHL373H1; POL343Y5; SOC339H5, 349H5, 356H5; WRI375H5
 - Scientific Perspectives: 0.5 credit chosen from this list: ~~ANT339Y5~~; BIO333H5, 464H5; ERS315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 337H5, 377H5, 378H5; ENV495H5, 496H5; SCI395H5, SCI396H5
 - Experiential, Field & Research Perspectives: 0.5 credit chosen from this list: ~~ENV232H5, 299Y5, 331H5, 399Y5, 400Y5~~; GGR379H5, 389H5; or another program-relevant Field, Experiential, or Research course, with permission of the Program Advisor
~~- 1.5 additional 300/400-level credits chosen from those listed in #1, #2, or #3, or from ENV490H5, 494H5~~

After:

First Year: 2.0 credits
 - Introduction: ENV100Y5
 - Foundation: 1.0 credit chosen from this list: ANT102H5; ECO100Y5; GGR111H5; PHL105Y5; POL112H5, 113H5, 114H5; 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: 2.5 credits
 - Environmental Management Core: ENV201H5
 - Social Science/Humanities Core: 1.0 credit chosen from this list: ANT204Y5, 241Y5; ENG259H5; GGR202H5, 207H5, 208H5, 209H5, 287H5, 288H5; PHL273H5; ENV250Y5
 - Science Core: 0.5 credit chosen from this list: BIO205H5; ERS201H5; GGR201H5, 214H5, 217H5, 227H5; PHY237H5
 - Analytical & Research Methods: 0.5 credit chosen from this list: GGR276H5, 277H5, 278H5; STA220H5; or another program-relevant 200/300-level Research Methods course, with permission of the Program Advisor

Upper Years: 3.5 credits
 - Environmental Management Perspectives: 1.0 credit chosen from this list: ANT357H5; ENV310, 393H5; HIS318H5, 319H5

- Social, Economic & Policy Perspectives: 1.5 credit chosen from this list: ANT357H5, 368H5, 370H5; ECO373Y5; ENV310H5, 420H5; GGR318H5, 333H5, 345H5, 348H5, 349H5, 361H5, 365H5, 367H5, 370H5, 378H5, 418H5, 419H5; MGT394H5; PHL373H1; POL343Y5; SOC339H5, 349H5, 356H5; WRI375H5
- Scientific Perspectives: 0.5 credit chosen from this list: BIO333H5, 464H5; ERS315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 317H5, 337H5, 374H5, 377H5, 378H5; ENV495H5, 496H5; SCI395H5, SCI396H5
- Experiential, Field & Research Perspectives: 0.5 credit chosen from this list: ENV299Y5, 331H5, 332H5, 399Y5; GGR379H5, 389H5; JEG400Y5, 401Y5; or another program-relevant Field, Experiential, or Research course, with permission of the Program Advisor

Program #4 ERMAJ1775 Anthropology (Arts)

- Rationale for change:** Update in course requirements since ANT203Y5 has been divided into 2 half courses. In addition, ANT208H5 and ANT209H5 were removed from the 200 level list of courses for program options--these courses are not offered every year, and are not intended to be core courses. 0.5 credits added to general/open credits to bring total credits for program to 7.0.
- Before:** Limited Enrolment: Enrolment in this program is limited. To qualify, students must have completed 4.0 credits (including ANT101H5 and ANT102H5), achieved at least 65% in both ANT101H5 and ANT102H5, and achieved a cumulative grade point average of at least 2.00. Students applying to enrol after second year must have completed 8.0 credits, achieved at least 65% in each of **ANT(200H5, 201H5)/203Y5, (204H5, 207H5)** and 206H5, and achieved a CGPA of at least 2.00.
 Second Year 1. ANT(200H5, **201H5)/203Y5**
 2. **ANT(204H5,207H5), 206H5, 208H5/209H5**
 Higher Years **3.0** additional ANT credits of which at least 1.0 must be at the 300 level and 0.5 at the 400 level.
 Note: JAL253H5, 353H5, 355H5 are counted as Social Science credits.
- After:** Limited Enrolment: Enrolment in this program is limited. To qualify, students must have completed 4.0 credits (including ANT101H5 and ANT102H5), achieved at least 65% in both ANT101H5 and ANT102H5, and achieved a cumulative grade point average of at least 2.00. Students applying to enrol after second year must have completed 8.0 credits, achieved at least 65% in each of **ANT200H5, 201H5/202H5, 203H5, 204H5, 207H5** and 206H5, and achieved a CGPA of at least 2.00.
 Second Year 1. ANT(200H5, **201H5)/(202H5, 203H5)**
 2. **ANT204H5, 207H5, 206H5**
 Higher Years **3.5** additional ANT credits of which at least 1.0 must be at the 300 level and 0.5 at the 400 level.
 Note: JAL253H5, 353H5, 355H5 are counted as Social Science credits.

Program #5 ERMAJ2431 Management

- Rationale for change:** MGT413H5 was changed to MGT480H5 last year. The addition of MGT452H5, 453H5 as electives will give students more options to choose from.
- Before:**
 Upper Years
 - Core courses (1.5 credits): MGM200H5, 300H5, 400H5
 - Management Disciplines (3.0 credits): MGM221H5/MGT120H5, 222H5, 230H5, 252H5, 290H5, 371H5
 - Statistics (.5 credit): STA218H5
 - Electives (select 1.0 credit): MGM331H5, 320H5, 332H5; MGT353H5, 363H5, **413H5**, 455H5, 460H5, 461H5, 491H5, 493H5, 494H5; MGD421H5, 422H5, 423H5
- After:**
 Upper Years
 - Core courses (1.5 credits): MGM200H5, 300H5, 400H5
 - Management Disciplines (3.0 credits): MGM221H5/MGT120H5, 222H5, 230H5, 252H5, 290H5, 371H5
 - Statistics (.5 credit): STA218H5

- Electives (select 1.0 credit): MGM331H5, 320H5, 332H5; MGT353H5, 363H5, **452H5, 453H5,**
455H5, 460H5, 461H5, **480H5,** 491H5, 493H5, 494H5; MGD421H5, 422H5, 423H5

Program #6 ERMIN1333 South Asian Civilizations(Arts)

Rationale for change: To clarify an error made in the course title with the implementation of the new program last year.
Before: Program Name: South Asian **Studies (Arts)**
After: Program Name: South Asian **Civilizations(Arts)**

Program #7 ERMIN1425 Environmental Management (Arts)

Rationale for change: We wanted to identify a clear core for the program (with changes/additions at the 3rd year) and reduce course options that were not aligned with focus of the program/not required for upper-level course. We now offer more ENV courses, and other units offer enough ENV-focused courses that some of the options are no longer needed to ensure students can get enough credits.

Before:
 Second Year: 1.5 credits
 - Environmental Management Core: ENV201H5
 - Social Science/Humanities Perspectives: 0.5 credit chosen from this list: ANT204H5; ENG259H5; GGR202H5, 207H5, 208H5, 209H5, 287H5, 288H5; PHL255H5, 273H5; ENV250Y5
 - Scientific Perspectives: 0.5 credit chosen from this list: BIO201H5, 205H5; ERS201H5; **GGR214H5,** 217H5, 227H5; PHY237H5
 Third Year: 1.5 credits
 - Experiential, Field & Research Perspectives: 0.5 credit chosen from this list: ENV299Y5, 331H5; GGR379H5, 389H5; or another program-relevant Field, Experiential, or Research course, with permission of the Program Advisor
 - 1.0 additional credit chosen from this list: ANT357H5, 368H5, 370H5; ECO373Y5; ENV393H5, 420H5, 490H5, 491H5, 497H5; **GGR329H5,** 333H5, 345H5, 348H5, 349H5, 361H5, 365H5, 367H5, **369H5,** 370H5, 378H5, **380H5;** HIS318H5, 319H5; HPS328H1; MGT394H5; PHL373H1; POL343Y5; SCI395H5, SCI396H5; SOC339H5, 349H5, 356H5; WRI375H5

After:
 Second Year: 1.5 credits
 - Environmental Management Core: ENV201H5
 - Social Science/Humanities Perspectives: 0.5 credit chosen from this list: ANT204H5; ENG259H5; GGR202H5, 207H5, 208H5, 209H5, 287H5, 288H5; PHL255H5, 273H5; ENV250Y5
 - Scientific Perspectives: 0.5 credit chosen from this list: BIO201H5, 205H5; ERS201H5; **GGR201,** **214H5,** 217H5, 227H5; PHY237H5
 Third Year: 1.5 credits
 - Experiential, Field & Research Perspectives: 0.5 credit chosen from this list: ENV299Y5, 331H5; GGR379H5, 389H5; **JEG400Y5, 401Y5;** or another program-relevant Field, Experiential, or Research course, with permission of the Program Advisor
 - 1.0 additional credit chosen from this list: ANT357H5, 368H5, 370H5; ECO373Y5; ENV393H5, 420H5, 490H5, 491H5, 497H5; **GGR318H5,** 333H5, 345H5, 348H5, 349H5, 361H5, 365H5, 367H5, 370H5, 378H5, **418H5;** HIS318H5, 319H5; HPS328H1; MGT394H5; PHL373H1; POL343Y5; SCI395H5, SCI396H5; SOC339H5, 349H5, 356H5; WRI375H5

Program #8 ERMIN1478 Economics (Arts, B.Com.)

Rationale for change: Completion of program requires a minimum mark of 63% in MAT133Y5. To ensure success students should have this mark for eligibility.
Before: Limited Enrolment: Enrolment in the Minor program is limited to students with 67% in **ECO100Y5** and a CGPA of 2.0, or 63% in ECO100Y and a CGPA of 2.5.
After: Limited Enrolment: Enrolment in the Minor program is limited to students with **MAT133Y5(63%)/MAT134Y5/135Y5/137Y5;** 67% in **ECO100Y5;** and a CGPA of 2.0, or 63% in ECO100Y and a CGPA of 2.5.

Program #9 ERMIN1775 Anthropology (Arts)

Rationale for change: Update in course requirements since ANT203Y5 has been divided into 2 half courses.

Before:

Second Year 1.0 credit ANT(200H5, **201H5)/203Y5/204H5/207H5/206H5**

After:

Second Year 1.0 credit ANT(200H5, **201H5)/(202H5, 203H5)/204H5/207H5/206H5**



Program #10 ERSPE0137 Economics (Commerce)

Rationale for change: Removed MGT123H5 because course no longer exists. Removed ECO322Y5 and ECO323Y5 from writing requirement because ECO322Y5/323Y5 is listed as a required course. Added ECO324Y5, 327Y5, 433H5, and 463H5 as new possible writing credits recently for use by Commerce students.

Before:

Higher Years

- Additional MGT Requirements (5.0 credits)

- **MGT123H5/223H5**, 220H5, 337Y5/(338H5,339H5)

- 1.0 credit from: MGT252H5, 262H5, 353H5, 363H5, 371H5/422H5, 374H5, 393H5

- 1.0 credit in MGT at 400 level

- 1.0 credit in MGT at 200+ level

- No more than 15.0 credits in COM(G), MGD, MGT, MGM and ECO may be counted toward degree. STA248H5/258H5, 257H5, 261H; ECO credits

- Additional ECO Requirements (6.5 credits):

- ECO206Y5, 208Y5, 227Y5/STA(257H5/256H5,261H5/260H5)/STA(257H5/256H5,248H5/258H5)

- ECO327Y5

- One Economic History credit from: ECO322Y5/323Y5

- ECO325H5, 326H5, plus 0.5 additional ECO credit at the 300+ level

- Writing Component (1.0 credit):

One credit from the following: ANT204Y5/204H5; CLA (expect 201H5);

one of (**ECO320Y5,322Y5,323Y5,333Y5,336Y5,343H5,344H5,373Y5,399Y5, 456H5**); ENG; FAH; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC300Y5); WRI.

After:

Higher Years

- Additional MGT Requirements (5.0 credits)

- **MGT223H5**, 220H5, 337Y5/(338H5,339H5)

- 1.0 credit from: MGT252H5, 262H5, 353H5, 363H5, 371H5/422H5, 374H5, 393H5

- 1.0 credit in MGT at 400 level

- 1.0 credit in MGT at 200+ level

- No more than 15.0 credits in COM(G), MGD, MGT, MGM and ECO may be counted toward degree. STA248H5/258H5, 257H5, 261H; ECO credits

- Additional ECO Requirements (6.5 credits):

- ECO206Y5, 208Y5, 227Y5/STA(257H5/256H5,261H5/260H5)/STA(257H5/256H5,248H5/258H5)

- ECO327Y5

- One Economic History credit from: ECO322Y5/323Y5

- ECO325H5, 326H5, plus 0.5 additional ECO credit at the 300+ level

- Writing Component (1.0 credit):

One credit from the following: ANT204Y5/204H5; CLA (expect 201H5);

one of

(**ECO320Y5,324Y5,327Y5,333Y5,336Y5,343H5,344H5,373Y5,399Y5,412Y5,433H5,456H5,4**); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC3 WRI.

Program #11 ERSPE0727 Criminology and Socio-Legal Studies (Arts)

Rationale for change:

Before:

Optional Courses 2.5 credits must be selected from Group A and an additional 2.5 credits from Group A or Group B.

Group A:

SOC211H5, 216H5, 219H5, 300H5, 307H5, 310H5, 316H5, 323H5, 326H5, 330H5, 346H5, 371H5, 378H5, 379H5, 393H5, 394H5, 420H5, 421H5, 446H5, 447H5, 448H5, 450H5, 456H5, 475H5, 493H5, 494H5

Group B:

ANT205H5, 369H5
 CCT206H5
 FSC239Y5, 271H5, 360H5, 361H5
 GGR313H5
 PHL271H5, 283H5, 370H5
 POL214Y5, 332Y5, 340Y5, 353Y5

PSY220H5, 230H5, 240H5, 270H5, 325H5, 328H5, 340H5, 341H5, 344H5, 420H5, 440H5

SOC232H5, 236H5, 244H5, 253H5, 263H5, 275H5, 284H5, 302H5, 332H5, 339H5, 351H5, 354H5, 359H5, 365H5, 368H5, 380H5, 388H5, 425H5, 432H5, 457H5, 460H5, 480Y5
 WGS365H5, 420H5

After:

Optional Courses 2.5 credits must be selected from Group A and an additional 2.5 credits from Group A or Group B.

Group A:

SOC211H5, 216H5, 219H5, **220H5**, 300H5, 307H5, **308H5**, 310H5, 316H5, 323H5, 326H5, 330H5, 346H5, 371H5, 378H5, 379H5, 393H5, 394H5, 420H5, 421H5, 446H5, 447H5, 448H5, 450H5, 456H5, 475H5, 493H5, 494H5

Group B:

ANT205H5, 369H5
 CCT206H5
 FSC239Y5, 271H5, 360H5, 361H5
 GGR313H5
 PHL271H5, 283H5, 370H5
 POL214Y5, 332Y5, 340Y5, 353Y5

PSY220H5, 230H5, 240H5, 270H5, 325H5, 328H5, 340H5, 341H5, 344H5, 420H5, 440H5

SOC202H5, 232H5, 236H5, **239H5**, 244H5, 253H5, 263H5, 275H5, 284H5, 302H5, 332H5, 339H5, 351H5, 354H5, 359H5, 365H5, 368H5, 380H5, **384H5**, 388H5, 425H5, 432H5, 457H5, 460H5, 480Y5
 WGS365H5, 420H5

Program #12 ERSPE1200 Visual Culture and Communication (Arts)

Rationale for change:

VST foundations courses were removed. Course codes updated for intro. courses.

Before:

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

- Minimum of 4.0 credits to include CCT109H5, CCT110H5, ~~VST100H5~~ and ~~VST101H5~~
- Minimum Cumulative Grade Point Average (CGPA) determined annually. It is generally between 2.7 and 3.0 and never lower than ~~2.2~~

- Minimum 65% average among CCT109H5, CCT110H5, ~~VST100H5~~ and ~~VST101H5~~ with at least 60% in each course. Tuition fees for students enrolling in this Department of Visual Studies program will be higher than for other Arts and Science programs.

First Year 2.5 credits: CCT109H5, CCT110H5, ~~VST100H5~~, ~~VST101H5~~, ~~VCC201H5~~

Second Year 1.0 ~~credit: FAH202H5, CIN202H5~~

~~4.0~~ credit from: CCT200H5, CCT204H5, CCT260H5

~~4.0~~ ~~credit~~ from: CCT205H5, CCT206H5, CCT210H5, VCC205H5, ~~VCC207H5~~

Third Year 1.5 credits ~~from:~~ any VCC courses at the 300/400 level;

1.0 credit ~~from:~~ any CIN or FAH course at the 300/400 ~~level;~~ ~~CCT310H5~~ or ~~CCT410H5~~; ~~VST410Y5~~

~~3.5~~ ~~credits~~ ~~from~~ CCT300H5, CCT305H5, CCT351H5, ~~CCT352H5~~, CCT353H5, CCT357H5, CCT453H5; with permission 1.0 credit from FAS246H5, FAS346Y5, FAS347Y5 (Note: there are prerequisites for most

200/300-level courses in FAS.)

~~Fourth Year 4.0~~ credit: VCC400H5 and one other 0.5 VCC credit at the 400 level

After:

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

- Minimum of 4.0 credits to include CCT109H5, CCT110H5, FAH101H5 and VCC101H5.
- Minimum Cumulative Grade Point Average (CGPA) determined annually. It is generally between 2.7 and 3.0 and never lower than 2.2.
- Minimum 65% average among CCT109H5, CCT110H5, FAH101H5 and VCC101H5 with at least 60% in each course. Tuition fees for students enrolling in this Department of Visual Studies program will be higher than for other Arts and Science programs.

First Year 2.5 credits: CCT109H5, CCT110H5, FAH101H5, VCC101H5 and CIN101H5

Second Year 1.0 credit from: CCT200H5, CCT204H5, CCT260H5

2.0 credits from: CCT205H5, CCT206H5, CCT210H5, VCC205H5, VCC207H5, VCC236H5

Third Year 1.5 credits from any VCC courses at the 300/400 level;

1.0 credit from any CIN or FAH course at the 300/400 level, CCT310H5, CCT410H5 or VST410H5

2.0 credits: CCT300H5, CCT305H5, CCT351H5, CCT352H5

Fourth Year 1.5 credits from CCT353H5, CCT357H5, CCT453H5; with permission 1.0 credit may be taken from FAS246H5, FAS346Y5, FAS347Y5 (Note: there are prerequisites for most 200/300-level courses in FAS.)

1.0 credit: VCC400H5 and one other 0.5 VCC credit at the 400 level

Program #13 ERSPE1307 Digital Enterprise Management (Arts)

Rationale for change:

Updated program description.

Before:

~~**Prepare for management roles in the digital age by developing a working knowledge of emerging technologies.**~~ Digital Enterprise Management (DEM) is a Specialist Program offered through Communications, Culture, Information & Technology. Studies ~~in DEM~~ focus on the technologies comprising the Internet and the Web, which are transforming existing companies and providing fertile ground for the creation of new digital enterprises. ~~Experts agree~~ that ~~such enterprises must be managed in fundamentally different ways from their industrial age precursors.~~ This program explores this new managerial environment. Students will gain an understanding of the technologies that underlie digital businesses and the managerial challenges and techniques appropriate for being active and valuable participants in digital enterprises.

After:

The Digital Enterprise Management (DEM) program offers an unique opportunity to combine a rigorous study of emerging digital technologies with an integrated set of Management courses. This is a Specialist Program offered through the Institute of Communications, Culture, Information & Technology. Studies focus on the technologies comprising the Internet and the Web, which are transforming existing companies and providing fertile ground for the creation of new digital enterprises. In addition to studying the traditional managerial disciplines students take courses which are directly relevant to managing organizations that use or develop digital technologies. For example, students take courses in Project Management, Entrepreneurship, Development and Management of Technology Strategy and Collaborative Planning and Development. The program explores this new managerial environment. Students will gain an understanding of the technologies that underlie digital businesses and the managerial challenges and techniques appropriate for being active and valuable participants in digital enterprises.

Program #14 ERSPE1384 International Affairs (Arts)

Rationale for change:

Removed GGR345H5 and added ENG345H5 GGR345H5 course code has changed to ENV345H5

Before:

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

GGR325H5,345H5,365H5;HIS311Y5/HIS311H5; POL302Y5, 327Y5,340Y5,343Y5

1.0 from: ECO456H5/460H5/461H5/463H5; a 400-level language course. The following 400-level St. George courses will also fulfill this requirement: ECO419H1, 459H1; POL454Y1 or a 400-level course from a cognate discipline approved by the faculty advisor. Language components available at U of T Mississauga: French: FSL(205H5,206H5)/205Y5, FSL(305H5,306H5)/305Y5, 385H5/405H5, 386H5/406H5 or 366H5, FRE383H5 German: GER100Y5, 200Y5, 300Y5, 330H5, 370H5 (300/400 level German courses not always available at UTM.) Italian: ITA100Y5, 200Y5, 231H5, 232H5, 313Y5, 315Y5, 350Y5, 437H5, 436Y5, 420Y5

After:

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

~~ENV345H5, GGR325H5, 345H5/ENV345H5, 365H5; HIS311Y5/HIS311H5;~~
POL302Y5, 327Y5,340Y5,343Y5 1.0 from: ECO456H5/460H5/461H5/463H5; a 400-level language course. The following 400-level St. George courses will also fulfill this requirement: ECO419H1, 459H1; POL454Y1 or a 400-level course from a cognate discipline approved by the faculty advisor. Language components available at U of T Mississauga: French: FSL(205H5,206H5)/205Y5, FSL(305H5,306H5)/305Y5, 385H5/405H5, 386H5/406H5 or 366H5, FRE383H5 German: GER100Y5, 200Y5, 300Y5, 330H5, 370H5 (300/400 level German courses not always available at UTM.) Italian: ITA100Y5, 200Y5, 231H5, 232H5, 313Y5, 315Y5, 350Y5, 437H5, 436Y5, 420Y5

Program #15 ERSPE1425 Environmental Management (Arts)

Rationale for change: We wanted to identify a clear core for the program (with changes/additions at the 3rd year) and reduce course options that were not aligned with focus of the program/not required for upper-level course. We now offer more ENV courses, and other units offer enough ENV-focused courses that some of the options are no longer needed to ensure students can get enough credits.

Before:

First Year: ~~2.0~~ credits
- Introduction: ENV100Y5
- Foundation: 1.0 credit chosen from this list: ~~ANT101H5, 102H5; ECO100Y5;~~ GGR111H5; ~~HIS101H5;~~ PHL105Y5; ~~POL111H5, 112H5;~~ 113H5, 114H5; ~~WRI203H5;~~ 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: 4.0 credits
- Environmental Management Core: ENV201H5
- Social Science/Humanities Core: 1.5 credits chosen from this list: ANT204Y5, 241Y5; ENG259H5; GGR202H5, 207H5, 208H5, 209H5, 287H5, 288H5; PHL273H5; ENV250Y5
- Science Core: 1.0 credit chosen from this list: BIO201H5, 205H5; ERS201H5, 202H5, 203H5; GGR201H5, 214H5, 217H5, 227H5; PHY237H5
- Analytical & Research Methods: ~~1.0~~ credit chosen from this list: ~~GGR276H5, 277H5;~~ 278H5; ~~SOC222H5; STA220H5, 221H5;~~ or another program-relevant 200/300-level Research Methods course, with permission of the Program Advisor
Upper Years: ~~6.0~~ credits
- Environmental Management Perspectives: ~~0.5~~ credit chosen from this list: ANT357H5; ~~ENV393H5; GGR320H5;~~ HIS318H5, 319H5
- Social, Economic & Policy Perspectives: 2.0 credits chosen from this list: ANT357H5, 368H5, 370H5; ECO373Y5; ~~ENV393H5,~~ 420H5; ~~GGR333H5,~~ 345H5, 348H5, 349H5, 361H5, 365H5, 367H5, ~~369H5,~~ 370H5, 378H5, ~~380H5,~~ 419H5, 493H5; ~~JAG321H1;~~ JUG320H1; MGT394H5; PHL373H1; POL343Y5; SOC339H5, 349H5, 356H5; WRI375H5
- Scientific Perspectives: 0.5 credit chosen from this list: ~~ANT330Y5;~~ BIO333H5, 464H5; ENV495H5, 496H5; ERS315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 337H5, 377H5, 378H5; SCI395H5, SCI396H5
- Experiential, Field & Research Perspectives: 1.0 credit chosen from this list: ~~ENV232H5, 299Y5,~~ 331H5, 399Y5, ~~400Y5,~~ 497H5, 498Y5; GGR379H5, 389H5; SCI498H5, 499H5; or another program-relevant Field, Experiential, or Research course, with permission of the Program Advisor
~~- 2.0 additional 300/400-level credits chosen from those listed in #1, #2, or #3, or from ENV490H5, 491H5.~~

After:

First Year: 3.0 credits
- Introduction: ENV100Y5
- Economics: ECO100Y5
- Foundation: 1.0 credit chosen from this list: ANT102H5; GGR111H5; PHL105Y5; POL112H5; 113H5, 114H5; 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: 4.0 credits
- Environmental Management Core: ENV201H5
- Social Science/Humanities Core: 1.5 credits chosen from this list: ANT204Y5, 241Y5; ECO200Y5; ENG259H5; GGR202H5, 207H5, 208H5, 209H5, 287H5, 288H5; MAT102H5, 133Y5, 134Y5, 135Y5; PHL273H5; ENV250Y5
- Science Core: 1.0 credit chosen from this list: BIO201H5, 205H5; ERS201H5, 202H5, 203H5; GGR201H5, 214H5, 217H5, 227H5; PHY237H5
- Statistics: 0.5 credit chosen from this list: GGR276H5; STA220H5 or other 200/300 statistics course with permission from Program Advisor.

- Analytical & Research Methods: 0.5 credit chosen from this list: GGR277H5, 278H5; STA221H5; or another program-relevant 200/300-level Research Methods course, with permission of the Program Advisor
Upper Years: 5.0 credits
- Environmental Management Perspectives: 1.5 credit chosen from this list: ANT357H5; ENV310H5, 393: HIS318H5, 319H5
- Social, Economic & Policy Perspectives: 2.0 credits chosen from this list: ANT357H5, 368H5, 370H5; ECO373Y5; ENV320H5, 420H5; GGR318H5, 333H5, 345H5, 348H5, 349H5, 361H5, 365H5, 367H5, 370H5, 378H5, 418H5, 419H5, 493H5; GGR321H1; JUG320H1; MGT394H5; PHL373H1; POL343Y5; SOC339H5, 349H5, 356H5; WRI375H5
- Scientific Perspectives: 0.5 credit chosen from this list: BIO333H5, 464H5; ENV495H5, 496H5; ERS315H5, 321H5; GGR305H5, 307H5, 309H5, 311H5, 317H5, 337H5, 374H5, 377H5, 378H5; SCI395H5, SCI396H5
- Experiential, Field & Research Perspectives: 1.0 credit chosen from this list: ENV299Y5, 331H5, 332H5, 399Y5, 497H5, 498Y5; GGR379H5, 389H5; JEG400Y5, 401Y5; SCI498H5, 499H5; or another program-relevant Field, Experiential, or Research course, with permission of the Program Advisor

Program #16 ERSPE1478 Economics (Arts, B.Com.)

- Rationale for change:** Currently students are able to get into the Economics Specialist Program after the first year. However, many of these students struggle with the second year specialist courses (ECO206Y5, ECO208Y5 and ECO227Y5). Those who barely pass these courses continue to struggle in the third year specialist courses and sometimes must retake the courses several times to fulfill the program requirements. Clearly these are the students who do not have the necessary background to meet the rigorous requirements of our specialist program. To resolve this issue, we propose that students be admitted to the specialist program after completing the second year courses and achieving at least 60% in ECO206Y5, ECO208Y5 and ECO227Y5. These courses are very rigorous and performance in them can be used as an indicator about whether a student is a good match for the specialist program. Removed old STA course numbers.
- Before:** Limited Enrolment: Enrolment in this program is limited to students with ~~70% in ECO100Y5 and (80% in MAT133Y5 or 63% in MAT134Y5/135Y5 or 60% in MAT137Y) and a CGPA of 2.3.~~
Higher Years
- ECO206Y5, 208Y5, ~~227Y5/STA(257H5/256H5,261H5/260H5)/STA(257H5/256H5,248H5/258H5);~~
ECO322Y5, 325H5, 326H5, 327Y5
- ECO323Y5
- 4.0 additional 300+ level ECO credits, including at least 1.0 at the 400 level
- After:** Limited Enrolment: Enrolment in this program is limited to students with ECO100Y5(70%); MAT133Y5(80%)/MAT134Y5(63%)/135Y5(63%)/MAT137Y(60%); ECO206Y5(60%); ECO208Y5(60%); 227Y5(60%)/STA(256H5(60%),258H5(60%)/260H5(60%)). Students should apply for this program after second year once they have completed the prerequisites listed above.
Higher Years
- ECO206Y5, 208Y5, 227Y5/STA(256H5,258H5/260H5), ECO322Y5, 325H5, 326H5, 327Y5
- ECO323Y5
- 4.0 additional 300+ level ECO credits, including at least 1.0 at the 400 level

Program #17 ERSPE1666 Geography (Arts)

- Rationale for change:** This will allow students with a Geography focus to specialize in the program.
- Before:** Limited Enrolment: Enrolment in this program is limited to students who have completed GGR111H5 & GGR112H5 (formerly GGR117Y5) and a Cumulative Grade Point of 2.7 (B-) in **the 2nd and 3rd year.**
- After:** Limited Enrolment: Enrolment in this program is limited to students who have completed GGR111H5 & GGR112H5 (formerly GGR117Y5) and a Cumulative Grade Point of 2.7 (B-) in 2nd **year program courses.**

Program #18 ERSPE1704 Commerce: Accounting (BCom)

- Rationale for change:** Addition of MGT437H5: It is not possible to study strategy without looking at the economic foundations of corporations. Similarly, it is critical to look at how governance structures affect economic value. Our Accounting Specialist students need to understand this so that they can best communicate relevant information about the financial performance and position of the corporation in the financial

statements. Accounting is about the communication of information that is representationally faithful to the underlying economics. In order to fit this course into the program it is necessary to reduce the ECO 300-level courses from 2.0 to 1.5 credits. However MGT437H5 will count as an ECO course and students can fulfill the program requirements for an Economics Major.

MGT419H5 is now MGT420H5.

ECO324Y5, 327Y5, 412Y5, 433H5, 463H5 are now considered writing courses and including them will give students more options to choose from.

Before:

Higher Years Management requirements: (8 credits)

If pursuing the CA stream:

- MGT220H5, 223H5, 224H5
- MGT321H5, 322H5, 323H5, 338H5, 339H5, 393H5
- **MGT419H5**, 421H5, 422H5, 423H5, 426H5, 428H5, **429H5**

Economics requirements: (5 credits)

- ECO200Y5/204Y5/206Y5, ECO202Y5/208Y5/209Y5,
- ECO220Y5/227Y5/STA(250H1, 256H5)/STA(256H5,258H5)/STA(256H5, 260H5)
- **2.0** credits in ECO at 300/400 level

No more than 1.0 Economic History credit

Writing Requirements Writing Requirements (2.0 credit) from:

ANT204H5; CLA (except 201H5); one of

(ECO320Y5/322Y5/323Y5/333Y5/336Y5/343H5/344H5/373Y5/399Y5/456H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC300Y); WRI
Writing courses must be in the English Language.

After:

Higher Years Management requirements: (8 credits)

If pursuing the CA stream:

- MGT220H5, 223H5, 224H5
- MGT321H5, 322H5, 323H5, 338H5, 339H5, 393H5
- **MGT420H5**, 421H5, 422H5, 423H5, 426H5, 428H5, **429H5, MGT437H5**

Economics requirements: (5 credits)

- ECO200Y5/204Y5/206Y5, ECO202Y5/208Y5/209Y5,
- ECO220Y5/227Y5/STA(250H1, 256H5)/STA(256H5,258H5)/STA(256H5, 260H5)
- **1.5** credits in ECO at 300/400 level

MGT437H5 counts as an ECO course and will satisfy the program requirements for an Economics Major.

No more than 1.0 Economic History credit

Writing Requirements Writing Requirements (2.0 credit) from:

ANT204H5; CLA (except 201H5); one of **(ECO320Y5/322Y5/**

323Y5/324Y5/327Y5/333Y5/336Y5/343H5/344H5/373Y5/399Y5/412Y5/433H5/456H5/463H5

ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC300Y); WRI

Writing courses must be in the English Language.

Program #19 ERSPE1775 Anthropology (Arts)

Rationale for change: Update in course requirements since ANT203Y5 has been divided into 2 half courses. In addition, ANT208H5 and ANT209H5 removed from the 200 level list of courses for program options--these courses

are not offered every year, and are intended to be core courses. 0.5 credits added to general/open credits to bring total credits for program to 10.0.

Before: Limited Enrolment: Enrolment in this program is limited. To qualify, students must have completed 4.0 credits (including ANT101H5 and ANT102H5), achieved at least 65% in both ANT101H5 and ANT102H5, and achieved a cumulative grade point average of at least 2.00. Students applying to enrol after second year must have completed 8.0 credits, achieved at least 65% in each of **ANT(200H5, 201H5)/203Y5, (204H5, 207H5)** and 206H5, and achieved a CGPA of at least 2.00.
 Second Year 1. ANT(200H5, **201H5/203Y5**
 2. **ANT(204H5,207H5), 206H5, 208H5/209H5**
 Higher Years **6.0** additional ANT credits. At least 4.0 of these must be at the 300/400 level, including 1.0 at the 400 level.

Note: JAL253H5, 353H5, 355H5 are counted as Social Science credits.

After: Limited Enrolment: Enrolment in this program is limited. To qualify, students must have completed 4.0 credits (including ANT101H5 and ANT102H5), achieved at least 65% in both ANT101H5 and ANT102H5, and achieved a cumulative grade point average of at least 2.00. Students applying to enrol after second year must have completed 8.0 credits, achieved at least 65% in each of **ANT200H5, 201H5/202H5, 203H5, 204H5, 207H5** and 206H5, and achieved a CGPA of at least 2.00.
 Second Year 1. ANT(200H5, **201H5)/(202H5, 203H5)**
 2. **ANT204H5,207H5, 206H5**
 Higher Years **6.5** additional ANT credits. At least 4.0 of these must be at the 300/400 level, including 1.0 at the 400 level.

Note: JAL253H5, 353H5, 355H5 are counted as Social Science credits.

Program #20 ERSPE1815 Commerce: Human Resource Management (BCom)

Rationale for change:

A linked proposal, for a Management Specialist in Human Resource Management and Industrial Relations (HRM-IR), leading to a Bachelor of Business Administration (BBA) degree, is intended to replace this program and expand on its coverage of Human Resource Management (HRM). The anticipated start date of the program is Sept 2015.

ECO324Y5, 327Y5, 412Y5, 433H5, 463H5 are now considered writing courses and including them will give students more options to choose from.

Before: Writing Requirements (2 credits) ANT204H5; CLA (except 201H5); one of ~~(ECO320Y5/322Y5/323Y5/333Y5/336Y5/343H5/344H5/373Y5/399Y5/456H5)~~; ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC300Y); WRI
 Writing credits must be in the English language.

After: **The Human Resource Management Program (ERSPE1815) will no longer be offered as of July 1, 2014. Students currently in the program will be allowed to complete it.**
 Writing Requirements (2 credits) ANT204H5; CLA (except 201H5); one of **(ECO320Y5/322Y5/323Y5/324Y5/327Y5/333Y5/336Y5/343H5/344H5/373Y5/399Y5/412Y5/433H5/456H5/463H5)**; ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC300Y); WRI
 Writing credits must be in the English language.

Program #21 ERSPE2034 Commerce: Finance (BCom)

Rationale for change: ECO324Y5, 327Y5, 412Y5, 433H5, 463H5 are now considered writing courses and including them will give students more options to choose from.

Before: Writing Requirements (2.0 credits) ANT204H5; CLA (except 201H5); one of **(ECO320Y5/322Y5/323Y5/333Y5/336Y5/343H5/344H5/373Y5/399Y5/456H5)**; ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5)

246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC300Y5); WRI
 Writing courses must be in the English language.

After:

Writing Requirements (2.0 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/322Y5/
323Y5/324Y5/327Y5/333Y5/336Y5/343H5/344H5/373Y5/399Y5/412Y5/433H5/456H5/463H5
 ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding
 SOC300Y5); WRI
 Writing courses must be in the English language.

Program #22 ERSPE2172 Interactive Digital Media (Arts)

Rationale for change:

We have added CCT309H5 Research Methods as a required course for students to interpret and develop research projects in their 3rd and 4th year courses as well as prepare them for graduate courses/programs.

Before:

Within an **honour's** degree, **10.5** credits are required. Interactive Digital Media (IDM) is an interdisciplinary undergraduate program that is run jointly with the Faculty of Information (commonly known as the iSchool) at the University of Toronto. It provides students with a foundation in the generation, diffusion and critical analysis of the social impact of new and emerging technologies. In addition to learning how to analyze and use a variety of media tools, students will focus on digital media and its information communication infrastructures. Students will learn to design and create digital artefacts and create virtual environments suitable for collaboration, communication, learning and exploration. In the fourth year, students will be required to participate in an experiential learning based project relevant to their core interests. In addition to the CORE courses, students will be required to take two modules, each module consists of 5 half courses. The modules are designed as integrated sets of courses providing students with the knowledge and skills relevant to specific areas of specialization. The Knowledge Media Design module is designed to provide students with comprehensive knowledge and skills that are relevant for careers that involve the active and thoughtful design of content for knowledge media. These careers will span a range from traditional journalism through electronic publishing to the creation and management of knowledge media in traditional and digital organizations. The Immersive Digital Media module is designed to provide students with the skills and knowledge for careers involving presentation, analysis, and immersive communication, utilizing data and information obtained from a wide variety of different media sources in a wide variety of formats. These careers span traditional business, web-based business, health care, education, and creative domains including gaming and simulation. Students will also be able to translate their skills and knowledge into performance environments.
 Third and Fourth Year CCT301H5, CCT341H5, CCT413H5

+ 2 modules comprising:

Knowledge Media Design: CCT372H5, CCT374H5, CCT376H5, CCT414H5, CCT471H5

Immersive Digital Media: CCT381H5, CCT382H5, CCT385H5, CCT480H5, CCT481H5

After:

Within an **Honour's** degree, **11.0** credits are required. Interactive Digital Media (IDM) is an interdisciplinary undergraduate program that is run jointly with the Faculty of Information (commonly known as the iSchool) at the University of Toronto. It provides students with a foundation in the generation, diffusion and critical analysis of the social impact of new and emerging technologies. In addition to learning how to analyze and use a variety of media tools, students will focus on digital media and its information communication infrastructures. Students will learn to design and create digital artefacts and create virtual environments suitable for collaboration, communication, learning and exploration. In the fourth year, students will be required to participate in an experiential learning based project relevant to their core interests. In addition to the CORE courses, students will be required to take two modules, each module consists of 5 half courses. The modules are designed as integrated sets of courses providing students with the knowledge and skills relevant to specific areas of specialization. The Knowledge Media Design module is designed to provide students with comprehensive knowledge and skills that are relevant for careers that involve the active and thoughtful design of content for knowledge media. These careers will span a range from traditional journalism through electronic publishing to the creation and management of knowledge media in traditional and digital organizations. The Immersive Digital Media module is designed to provide students with the skills and knowledge for careers involving presentation, analysis, and immersive communication, utilizing data and information obtained from a wide variety of different media sources in a wide variety of formats. These careers span traditional business, web-based business, health care, education, and creative domains including gaming and simulation. Students will also be able to translate their skills and knowledge into performance environments.
 Third and Fourth Year CCT301H5, **CCT309H5**, CCT341H5, CCT413H5

+ 2 modules comprising:

Knowledge Media Design: CCT372H5, CCT374H5, CCT376H5, CCT414H5, CCT471H5

Immersive Digital Media: CCT381H5, CCT382H5, CCT385H5, CCT480H5, CCT481H5

Program #23 ERSPE2273 Commerce (BCom)

Rationale for change: ECO324Y5, 327Y5, 412Y5, 433H5, 463H5 are now considered writing courses and including them will give students more options to choose from.

Before: Writing Requirements (2.0 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/322Y5/**323Y5/333Y5/336Y5/343H5/344H5/373Y5/399Y5/456H5**); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC300Y5); WRI
Writing courses must be in the English language.

After: Writing Requirements (2.0 credits) ANT204H5; CLA (except 201H5); one of (ECO320Y5/322Y5/**323Y5/324Y5/327Y5/333Y5/336Y5/343H5/344H5/373Y5/399Y5/412Y5/433H5/456H5/463H5**); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC300Y5); WRI
Writing courses must be in the English language.

Program #24 ERSPE2380 Commerce: Marketing (BCom)

Rationale for change: ECO324Y5, 327Y5, 412Y5, 433H5, 463H5 are now considered writing courses and including them will give students more options to choose from.

Before: Writing Requirements: (2 credits) ANT204H5; CLA (except 201H5); one of (**ECO320Y5/322Y5/323Y5/333Y5/336Y5/343H5/344H5/373Y5/399Y5/456H5**); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC300Y); WRI
Writing credits must be in the English language.

After: Writing Requirements: (2 credits) ANT204H5; CLA (except 201H5); one of (**ECO320Y5/322Y5/323Y5/324Y5/327Y5/333Y5/336Y5/343H5/344H5/373Y5/399Y5/412Y5/433H5/456H5/463H5**); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC300Y); WRI
Writing credits must be in the English language.

Program #25 ERSPE2431 Management

Rationale for change: MGT413H5 was changed to MGT480H5 last year.

Before:
Upper Years
- Core courses (1.5 credits): MGM200H5, 300H5, 400H5
- Management Disciplines (6.5 credits): MGM221H5/MGT120H5, 222H5, 230H5, 252H5, 290H5, 320H5, 332H5, 371H5; MGT353H5, 363H5, 374H5; ECO205Y5
- Statistics (.5 credit): STA218H5
- Electives (select 1.5 credit): MGM331H5, **MGT413H5, 452H5**, 453H5, 454H5, 455H5, 460H5, 461H5, 491H5, 493H5, 494H5; MGD421H5, 422H5, 423H5, GGR252H5

After:
Upper Years
- Core courses (1.5 credits): MGM200H5, 300H5, 400H5
- Management Disciplines (6.5 credits): MGM221H5/MGT120H5, 222H5, 230H5, 252H5, 290H5, 320H5,

- 332H5, 371H5; MGT353H5, 363H5, 374H5; ECO205Y5
- Statistics (.5 credit): STA218H5
- Electives (select 1.5 credit): MGM331H5, **MGT452H5**, 453H5, 454H5, 455H5, 460H5, 461H5, **480H5**, 491H5, 493H5, 494H5; MGD421H5, 422H5, 423H5, GGR252H5

Program #26 ERSPE2722 Financial Economics (Science)

Rationale for change:

Type correction: 456H1 should be 456H5 Changed STA courses to show new numbers.

Before:

Limited Enrolment: Enrolment in this program is limited to students with 70% in ECO100Y1/100Y5, 63% in MAT134Y5/135Y1/135Y5 or 60% in MAT137Y1/137Y5/157Y1, 70% in ECO206Y1/206Y5, 70% in ECO208Y1/208Y5, 70% in **ECO227Y1/227Y5/STA(257H1, 261H1)/STA(257H5, 261H5)**. There will be a limited number of spaces available for which students can apply after completion of at least 8 full credits (including prerequisites listed above) and a CGPA of 3.3, or with the approval of the Chair or Associate Chair of the Economics Department. Students enrolled in this program cannot simultaneously be enrolled in any other Economics specialist, joint specialist, major or minor program, or in the Commerce and Finance Program. Note: Some required courses may be offered on one campus in any given year. Students registered at either the UTM or St. George campus may have to attend lectures on the other campus in such cases.

Higher Years

- ECO206Y5/206Y1
- ECO208Y5/208Y1
- ECO227Y5/227Y1/STA(257H1,261H1)/STA(257H5/256H5,261H5/260H5)
- ECO325H5/325H1; ECO326H5/326H1
- ECO327Y5*/ECO(375H1,475H1)*
- ECO358H5/358H1; ECO359H5/359H1
- 5 additional full 300+ ECO credits or their equivalent of which at least 1.0 credit must be chosen from **ECO349H5/349H1,356H1,434H5,456H1,460H5,461H5/461H1,462H1,463H5**.

Not more than one full credit may be in Economic History.

* MAT223H5/223H1/224H5/240H1 is strongly recommended as preparation for ECO327Y5/375H1. Students taking one of these credits can have that course count in lieu of one half of a 300+ ECO credit required for this program.

After:

Limited Enrolment: Enrolment in this program is limited to students with 70% in ECO100Y1/100Y5, 63% in MAT134Y5/135Y1/135Y5 or 60% in MAT137Y1/137Y5/157Y1, 70% in ECO206Y1/206Y5, 70% in ECO208Y1/208Y5, 70% in **ECO227Y1/227Y5/STA(257H1(70%), 261H1(70%))/STA(256H5(70%), 260H5(70%))**. There will be a limited number of spaces available for which students can apply after completion of at least 8 full credits (including prerequisites listed above) and a CGPA of 3.3, or with the approval of the Chair or Associate Chair of the Economics Department. Students enrolled in this program cannot simultaneously be enrolled in any other Economics specialist, joint specialist, major or minor program, or in the Commerce and Finance Program. Note: Some required courses may be offered on one campus in any given year. Students registered at either the UTM or St. George campus may have to attend lectures on the other campus in such cases.

Higher Years

- ECO206Y5/206Y1
- ECO208Y5/208Y1
- ECO227Y5/227Y1/STA(257H1,261H1)/STA(257H5/256H5,261H5/260H5)
- ECO325H5/325H1; ECO326H5/326H1
- ECO327Y5*/ECO(375H1,475H1)*
- ECO358H5/358H1; ECO359H5/359H1
- 5 additional full 300+ ECO credits or their equivalent of which at least 1.0 credit must be chosen from **ECO349H5/349H1,356H1,434H5,456H5,460H5,461H5/461H1,462H1,463H5**.

Not more than one full credit may be in Economic History.

* MAT223H5/223H1/224H5/240H1 is strongly recommended as preparation for ECO327Y5/375H1. Students taking one of these credits can have that course count in lieu of one half of a 300+ ECO credit required for this program.

New Courses

Course #1 ANT354H5 Capitalism and its Rebels (SSc)

Description:	This class explores different forms of rebellion, insurgency, protest and political mobilization from an anthropological perspective, focusing specifically on anti-capitalist mobilizations. Grounded in ethnographies that range from studies of piracy, hacking, and the occupy movements, to struggles against the privatization of water and social movements organizing for the commons, "this course" offers key insight into contemporary social movements, their deep groundings in the past, and the implications they might have for the future. [24L]
Exclusion:	ANT322H5 in Spring 2014
Prerequisite:	ANT204H5/207H5/204Y5
Rationale:	New course, covering gap in curriculum and new interests of permanent faculty.
No. Hours	24L
Instruction:	
Offered at St George:	No
Revived Course:	No

Course #2 CCT270H5 Principles in Game Design (SH) (SSc)

Description:	An overview of videogame theory, best practices, emergent trends and technology, with strong participation by industry professionals. This course features a variety of guest speakers addressing different facets of game design, supported by later discussion and analysis. Students will experience a broad overview of principles in game design that may inspire further development and design activities in related game design courses.
Prerequisite:	CCT109H5, CCT110H5
Rationale:	Provides an open survey course of game design principles and another 200 level option for CCIT students to consider for the Sheridan certificate.
No. Hours	36L
Instruction:	
Offered at St George:	No
Revived Course:	No

Course #3 CCT302H5 Developing and Managing Communication Campaigns and Projects (SSc)

Description:	Communication campaigns and projects, whether they involve marketing, politics, or advertising require the establishment of objectives, tasks, and milestones. Furthermore developing and managing campaigns requires the development of knowledge and skills relating to the management of teams. Students will acquire analytic skills allowing them to understand the development and management of communication campaigns and projects. Current theory and research will comprise an integral part of the course as will study of the appropriate software tools. A significant component of the assessment for this course will be a group project that will involve the design of a communication campaign or project which will be presented to a group of experts.
Prerequisite:	Minimum of 10.0 credits.
Rationale:	This course fills a need for a general project management course that will provide students with the skills and knowledge related to setting up and managing complex communications campaigns. The course will be made available to IDM, CCIT and DEM students and, potentially Management and Political Science students.
No. Hours	24L
Instruction:	
Offered at St George:	No
Revived Course:	No

Course #4 CCT303H5 Communicating In and Between Organizations (SSc)

Description:	This course examines the nature of communications in organizations. Communications are the glue that holds organizations together. Understanding theoretically and practically the multi-faceted functions of communication in and between organizations is essential for anyone seeking to develop a career in an organization whether it be private or public. Students will acquire analytic skills allowing them to understand organizational communication
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from a variety of different perspectives. They will also be required to develop and actively critique practical examples of organizational communication.

- Prerequisite:** CCT224H5
- Rationale:** Currently students do not have a course requiring them to study the theory and practice of communication in organizations. The skills and knowledge related to organizational communication are increasingly in demand by employers.
- No. Hours Instruction:** 24L
- Offered at St George:** No
- Revived Course:** No

Course #5 CCT309H5 Research Methods (IDM) (SSc)

- Description:** This course provides an introduction to the philosophy, language, lifecycles, and methods of qualitative and quantitative inquiry. The emphasis is on conceptualizing and designing research, based on an appreciation of the philosophical underpinnings of the approaches covered. We will consider the fundamental principles, processes, values, and roles of research for professional application in information organizations. We will explore and learn the basic skills of evaluating, planning, designing, executing, and applying research. As a survey of the more popular research methods used in communications and information-based organizations students will be afforded the opportunity to lead an aspect of research on a question of their choice. [24L, 12T]
- Exclusion:** CCT308H5
- Prerequisite:** CCT207H5, 218H5, 219H5, 275H5
- Rationale:** The IDM students interpret and develop research projects in their 3rd and 4th year courses. The instructors of this combined program have expressed concern that students presently do not have sufficient knowledge of research methods to optimally handle their 3rd and 4th year courses. In addition, this course will become a necessary required course for students wishing to take the proposed Combined ICCIT/MI program.
- No. Hours Instruction:** 24L, 12T
- Offered at St George:** No
- Revived Course:** No

Course #6 CCT336H5 Comics and Digital Culture (SH) (SSc)

- Description:** Examining the medium of comics and graphic novels and its evolution in an era of digital production and dissemination. Starting from a foundational understanding of the visual grammar of comics, students create their own graphic narratives and later explore the dynamics of digital dissemination by creating viral and memetic content for an Internet audience.
- Prerequisite:** CCT109H5, CCT110H5
- Rationale:** Updates the current description of CCT300 to better reflect what is taught at present. Opens opportunity for UTM to teach CCT300H5 "Critical Analysis of Media" which is more aligned with UTM's expertise and interests. Will be an option in graphic design stream at the 300 level.
- No. Hours Instruction:** 36L
- Offered at St George:** No
- Revived Course:** No

Course #7 CCT386H5 Information Practice in Virtual Worlds: Exploration of Information Environments (SSc)

- Description:** From Webkinz to World of Warcraft, in the past decade immersive, 3D gaming environments have driven the technological and social development of virtual worlds. With or without the gaming aspects, virtual worlds have the potential to support a wide variety of activities related to information creation, distribution, reception, and use in supporting social, economic, and cultural causes. Compared to everyday information practices, however, those enacted in virtual worlds are uniquely characterized by multimodality, synchronicity, digital embodiment, and geographic distribution of users. In this course, students engage in participatory learning in virtual environments such as Second Life and World of Warcraft, using avatars to assess how the world's technological and social features support and constrain information practices. Using theories of gaming, virtuality, and information lifecycles, students critically analyse how information is produced and used in these environments. [24L, 12T]

Prerequisite: CCT109H5, CCT110H5, minimum of 8.0 credits.
Rationale: This course has been taught as a topics course for the past two years and we see a need to add it to our 300 level courses.
No. Hours Instruction: 24L, 12T
Offered at St George: No
Revived Course: No

Course #8 CCT402H5 Creating, Protecting and Managing Digital Artifacts (SSc)

Description: Digital artifacts play an increasingly important role in our society. It is essential that in the digitization of these artifacts appropriate attention is paid to their representation, protection and management. Students will review the theories and practices of representation. They will investigate the technologies associated with the storage of digital artifacts as well as investigating appropriate legal perspectives. This varied knowledge will be integrated into a study of best practices in the management of digital artifacts.
Prerequisite: CCT206H5, minimum of 13.0 credits.
Rationale: There is an increasing need for students to be aware of the special characteristics of digital artifacts. This course is intended to be taken by all ICCIT (DEM, IDM and CCIT) students as well as being available to Forensic Science students and, potentially Management students.
No. Hours Instruction: 24L
Offered at St George: No
Revived Course: No

Course #9 CCT406H5 Capstone Design Project (SH) (SSc)

Description: An applied project-based capstone course in which groups will be paired with an identified client with real-life needs in digital media creation. Students will work in small cross-functional teams to develop and present proposals to client representatives and a panel of industry experts. Students will also be taught the arts of networking, proposal writing and project management.
Prerequisite: CCT204H5/CCT260H5, minimum of 13.0 credits.
Rationale: Building from the successful "Dragon's Den" event in CCT460H5, Winter 2013, this course will integrate industry interest in the CCIT curriculum, build local industrial contacts, and encourage cross-pollination of skills among the Sheridan CCIT course clusters.
No. Hours Instruction: 12L, 24P
Offered at St George: No
Revived Course: No

Course #10 CCT414H5 Special Topics in Knowledge, Media and Design (IDM) (SSc)

Description: An in-depth examination of selected topics in interactive digital media with emphasis on knowledge, media and design.
Prerequisite: Minimum 13.0 credits
Rationale: CCT414H5 is a required course for the Interactive Digital Media specialist program as part of the knowledge, media and design module. It was not included in the previous year calendar.
No. Hours Instruction: 36S
Offered at St George: No
Revived Course: No

Course #11 CCT433H5 Sustainable Design (SH) (SSc)

Description: This course immerses students in sustainable design methodologies based upon whole systems analysis, applying the quadruple bottom line of people, profit, planet, and culture to understand and design for environmental issues

and social change. During this course, students will apply the process and rhetoric of sustainable systems thinking to the re-design of an object or service applying such methodologies as cradle-to-cradle, 'design-for-environment', pricing based on full cost accounting, greening of the supply chain, and corporate responsibility. Throughout the course, students will examine the need for sustainable design through case studies, best practice analyses, and relevant readings. [36L]

Prerequisite:	CCT204H5, 333H5
Rationale:	This new course will become part of Sheridan's design/activism stream.
No. Hours Instruction:	36L
Offered at St George:	No
Revived Course:	No

Course #12 CCT456H5 Web Analytics for Online Marketing (SH) (SSc)

Description:	Examines qualitative and quantitative analytical methods used by online advertising and marketing industry professionals. Students will learn about search engine optimization, trend analysis, data mining, quasi-experimental testing, interaction attribution models, and the effect of emerging technologies on tracking and optimizing messaging. [24L, 12P]
Prerequisite:	CCT356H5
Rationale:	By request from CCT356H5, Online Advertising and Marketing students who wish a more refined and focused look at web analytics. This course will leverage the expertise of guest lecturers from industry, who increasingly seek graduates with expertise in quantitative analytics and user acceptance testing..
No. Hours Instruction:	24L, 12P
Offered at St George:	No
Revived Course:	No

Course #13 CCT457H5 Advanced Image Production (SH) (SSc)

Description:	This course focuses on advanced theoretical and practical aspects of digital image production and editing. Production techniques, professional practices and workflows, the relationship of form to content, and digital darkroom strategies will be investigated. Over the course of the term students will work individually and in teams create and edit images using professional grade digital technologies. [24L, 24P]
Prerequisite:	CCT357H5
Rationale:	An advanced-level course to CCT357H5 Digital Media: The Still Image.
No. Hours Instruction:	24L, 24P
Offered at St George:	No
Revived Course:	No

Course #14 CCT477H5 Culture and Technology I (IDM) (SSc)

Description:	Introduction to the wide range of issues and methodologies employed across the academy to identify, understand, analyze, investigate, and critique issues at the intersection of culture and technology. Provides a background in philosophy of information, philosophy of technology, and science and technology studies. Affiliated with the McLuhan Program in Culture & Technology, a program of the Coach House Institute (CHI). Particular focus on socio-technical issues having to do with computing, information systems and services, digital technologies, media, and the internet and social media.
Prerequisite:	Minimum of 13.0 credits, permission from the department.
Rationale:	To provide students in the Interactive Digital Media Specialist program a choice of relevant graduate courses (INF1501H) taught at the Faculty of Information.
No. Hours Instruction:	24L
Offered at St George:	No
Revived Course:	No

Course #15 CCT478H5 Culture and Technology I (IDM) (SSc)

Description: Introduction to the wide range of issues and methodologies employed across the academy to identify, understand, analyze, investigate, and critique issues at the intersection of culture and technology. Provides a background in philosophy of information, philosophy of technology, and science and technology studies. Affiliated with the McLuhan Program in Culture & Technology, a program of the Coach House Institute (CHI). Particular focus on socio-technical issues having to do with computing, information systems and services, digital technologies, media, and the internet and social media.

Prerequisite: Minimum 13.0 credits, permission from the department.

Rationale: To provide students in the Interactive Digital Media Specialist program a choice of relevant graduate courses (INF1501H) taught at the Faculty of Information.

No. Hours Instruction: 24L

Offered at St George: No

Revived Course: No

Course #16 CCT483H5 Play, Performance and Community in Digital Games (SSc)

Description: Students will explore the complex relationship between games and play. Starting with an overview of the major play theories, students will learn how cognitive, philosophical and social theories of play are used to guide and inform game design. The increasingly prominent role of the player in the co-creation and performance of digital games will be examined. Students will also explore the emergences of player communities and consider the various issues that this introduces into design and management process, including important new questions about governance, player and creative freedoms, and immaterial labour.

Prerequisite: CCT382H5/minimum of 13 credits.

Rationale: This course was in the original proposal for the Interactive Digital Media specialist program.

No. Hours Instruction: 24L, 12P

Offered at St George: No

Revived Course: No

Course #17 CCT487H5 Human Centred Design (IDM) (SSc)

Description: An approach to design grounded in understanding the real-world practices of users and communities. The course draws most heavily from the participatory design school, in which the prospective users play a vital collaborative role throughout all stages of the development process. Students work in teams with a real user group developing a prototype knowledge media application. The purpose of this course is to provide students with both theoretical foundations and practical experience in developing information systems that are driven by the needs and active participation of users. It will prepare students for collaborating with users in a variety of settings to develop their own systems. In contrast to conventional rationalistic approaches to information systems development (ISD), in this course information systems will be regarded as fundamentally social processes that can be supported by information technologies. System design will therefore be treated not primarily as an engineering problem requiring the application of formalized methodologies and abstract modeling techniques by technical experts. Rather, systems design will be viewed as an on-going, multi-faceted process involving the balancing of conflicting social and technical opportunities and constraints requiring experience within the actual use context.

Prerequisite: Minimum 13.0 credits, permission from the department.

Rationale: To provide students in the Interactive Digital Media Specialist program a choice of relevant graduate courses (KMD2001H) taught at the Faculty of Information.

No. Hours Instruction: 24L

Offered at St George: No

Revived Course: No

Course #18 CCT488H5 Human Centred Design (IDM) (SSc)

Description: An approach to design grounded in understanding the real-world practices of users and communities. The course draws most heavily from the participatory design school, in which the prospective users play a vital collaborative role throughout all stages of the development process. Students work in teams with a real user group developing

a prototype knowledge media application. The purpose of this course is to provide students with both theoretical foundations and practical experience in developing information systems that are driven by the needs and active participation of users. It will prepare students for collaborating with users in a variety of settings to develop their own systems. In contrast to conventional rationalistic approaches to information systems development (ISD), in this course information systems will be regarded as fundamentally social processes that can be supported by information technologies. System design will therefore be treated not primarily as an engineering problem requiring the application of formalized methodologies and abstract modeling techniques by technical experts. Rather, systems design will be viewed as an on-going, multi-faceted process involving the balancing of conflicting social and technical opportunities and constraints requiring experience within the actual use context.

- Prerequisite:** Minimum of 13.0 credits, permission from the department.
- Rationale:** To provide students in the Interactive Digital Media Specialist program a choice of relevant graduate courses (KMD2001H) taught at the Faculty of Information.
- No. Hours Instruction:** 24L
- Offered at St George:** No
- Revived Course:** No

Course #19 CCT497H5 Technologies for Knowledge Media (IDM) (SSc)

- Description:** Knowledge media are systems of incorporating computer and communications technology that enhance human thinking, creativity, communication, collaboration, and learning. This course will focus on important skills that are useful in developing knowledge media. The course will cover rapid prototyping design of electronic artifacts, focusing on Websites and blogs (using WordPress), mobile and desktop applications, and online magazine layout. Methods covered in this course will include requirements analysis, user-centred design, rapid prototyping, evaluation, information, architecting, desktop publishing, and web design. Knowledge media are systems of incorporating computer and communications technology that enhance human thinking, creativity, communication, collaboration, and learning. This course will focus on important skills that are useful in developing knowledge media. The course will cover rapid prototyping design of electronic artifacts, focusing on Websites and blogs (using WordPress), mobile and desktop applications, and online magazine layout. Methods covered in this course will include requirements analysis, user-centred design, rapid prototyping, evaluation, information, architecting, desktop publishing, and web design.
- Prerequisite:** Minimum 13.0 credits, permission from the department.
- Rationale:** To provide students in the Interactive Digital Media Specialist program a choice of relevant graduate courses (KMD2002) taught at the Faculty of Information.
- No. Hours Instruction:** 24L
- Offered at St George:** No
- Revived Course:** No

Course #20 CCT498H5 Technologies for Knowledge Media (IDM) (SSc)

- Description:** Knowledge media are systems of incorporating computer and communications technology that enhance human thinking, creativity, communication, collaboration, and learning. This course will focus on important skills that are useful in developing knowledge media. The course will cover rapid prototyping design of electronic artifacts, focusing on Websites and blogs (using WordPress), mobile and desktop applications, and online magazine layout. Methods covered in this course will include requirements analysis, user-centred design, rapid prototyping, evaluation, information, architecting, desktop publishing, and web design. Knowledge media are systems of incorporating computer and communications technology that enhance human thinking, creativity, communication, collaboration, and learning. This course will focus on important skills that are useful in developing knowledge media. The course will cover rapid prototyping design of electronic artifacts, focusing on Websites and blogs (using WordPress), mobile and desktop applications, and online magazine layout. Methods covered in this course will include requirements analysis, user-centred design, rapid prototyping, evaluation, information, architecting, desktop publishing, and web design.
- Prerequisite:** Minimum 13.0 credits, permission from the department.
- Rationale:** To provide students in the Interactive Design Media Specialist program a choice of relevant graduate courses (KMD2002) taught at the Faculty of Information.
- No. Hours Instruction:** 24L
- Offered at St George:** No

Offered at St George:
 Revived Course: No

Course #21 ECO410H5 Growth and Development of the Chinese Economy (SSc)

Description: Both the pace and scale of China’s economic transformation over the last three decades are unprecedented in human history. Understanding the nature and the sources of this great transformation is important for at least two reasons. First, it may provide valuable lessons of economic development for other developing countries. Second, the Chinese economy has become increasingly integrated with the world economy. The growth prospect of China is important for both China and the rest of the world. This course will examine China’s growth and development through the lens of the modern macroeconomic theory. The topics that will be covered in the course include China’s historical growth performance, structural transformation and growth since 1978, resource reallocation and aggregate productivity changes, financial sector development, inflation and business cycles in China.

Prerequisite: ECO200Y5(70%)/ECO204Y5(70%)/ECO206Y5(60%);ECO202Y5(70%)/ECO209Y5(70%)/ECO208Y5(60%);ECO220Y5/ECO227Y5/(STA256H6,STA260H5)

Rationale: Given the increasing importance of China in the world economy, students are voicing an interest in having a good understanding of the Chinese economy. The instructor who proposed the course gave a public lecture to undergraduate students last year and received many enthusiastic responses from the students. They have asked for a course to learn more about the Chinese economy and the course proposed here will meet that demand. A similar course has been offered in the St. George campus for many years.

No. Hours Instruction: 24L

Offered at St George: No

Revived Course: No

Course #22 ENV310H5 The Sustainability Imperative (SSc)

Description: The United Nations Commission on Environment and Development popularized the term sustainable development in its 1987 report, Our Common Future. How far have we come since then, as a global community, in implementing sustainability as a model for development? In this course we will examine the history, measurement, and present-day models and applications of the concepts of sustainability and sustainable development in both the public and private spheres.
 48L 12P

Prerequisite: ENV100Y5 and ENV201H5

Rationale: As we move towards accreditation of the UTM Environment programs through the ECO accreditation program, one of the major areas of student competency that we must demonstrate is that of Sustainability. In UTM’s Environment programs students are introduced to the fundamental scientific principles of the natural environment and human interactions with the environment in ENV100Y5 Environment, and to basic concepts about sustainability in ENV201H5 Environmental Management. We propose here an upper-level course in which students with significant foundational background will have the opportunity to explore the history, development, and application of the concepts of sustainability and sustainable development in greater depth.

No. Hours Instruction: 48L 12P

Offered at St George: No

Revived Course: No

Course #23 ENV320H5 Managing Our Waste (SSc)

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.
 48L + 12P

Prerequisite: 8.0 credits & ENV100Y5 or (GGR111H5 + GGR112H5)

Rationale: Waste generation is an ever-present and growing social, environmental, and technological challenge, locally as well as globally. Waste management is a fascinating field that draws upon expertise from a wide variety of disciplines, including geography and environmental science, as well as chemistry, biology, physics, hydrology,



archaeology, management, sociology, political science, and even philosophy. Career opportunities in waste management are growing along with the increasing volume of garbage generated by human activities. In this course we will take an interdisciplinary approach to provide upper-level Environment and Geography students the opportunity to bring together various strands of their undergraduate course work, in both Science and Social Science, and to apply their skills to some modern problems of waste management. This course will prepare students to consider career paths related to waste management.

No. Hours Instruction: 48L 12P
Offered at St George: No
Revived Course: No

Course #24 ENV425H5 Managing Urban Ecosystems (SSc)

Description: This seminar course examines the ways people interact with and manage urban ecosystems. The role of municipal policy, residents attitudes, neighborhood characteristics, and other factors will be examined in-depth. Throughout the course, issues associated with bridging the gaps between the social and natural sciences, unique characteristics of urban ecosystems, and the role of individual decision-makers will be considered.

Prerequisite: 14 credits; priority enrollment for ENV Management and ENV Science students

Rationale: The course will expand to the environmental management and environmental science upper-level offerings. Specifically, the course will fill a gap in the program curriculum, by examining the ways humans interact with and manage urban environments. This topic should be of interest to many environment students, and relevant in preparing them for their careers and future study.

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

Course #25 GGR210H5 Social Geographies (SSc)

Description: Social geography is concerned with the ways in which social relations, identities and inequalities are produced across space. This course examines social geography in the North American context with a specific focus on identity/difference and inequalities in cities. We will explore cities as sites of both cosmopolitan inclusion and exclusion.
 24L 12T

Prerequisite: GGR111H5 / 117Y5 / ENV100Y5 / 4.0 credits / permission of instructor

Rationale: General Rationale for add/change: Social Geography is a subfield of human geography that focuses on socio-spatial differences, inequalities, and power. It is important for understanding the relationships between individuals, social groups and space. Increasingly the Human Geography curriculum at the third and fourth-year levels is focused on experiential and field-based learning that includes an emphasis on understanding social groups, identity, and inequalities in urban spaces. Thus, students require a comprehensive understanding of the geographic dimensions of identity and difference (i.e., class, ethnicity, gender, race, sexuality, etc.) before undertaking advanced fieldwork. This course will provide students with the necessary background in social geography to prepare them for advanced study.

No. of hours of Instruction: 24L, 12T

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

Course #26 GGR322H5 GIS and Population Health (SSc,SCI)

Description: From the earliest reasoning of Hippocrates regarding proximity to stagnate water and the incidence of malaria in city-state populations, to John Snow s geography of cholera in London, England in the mid-1800s, to the World Health Organization, the U.S. Centers for Disease Control, Toronto s Hospital for Sick Children, and other health organization worldwide, we have, for centuries, taken an interest in how our health relates to who we are, our social context, and the environment that surrounds us. Today, using incredibly powerful computing technologies, we can combine expertise in health geography with advanced geographical technologies such as Geographical Information Systems, and data on the location of disease and possible social and environmental risk factors to

develop advanced knowledge about population morbidity (i.e., illness) and mortality (i.e., death). Understanding the geography of population morbidity and mortality offers evidence that can be used to guide development of population health interventions.

The purpose of this course will be to develop an appreciation for the conceptual and methodological intersections that exist between geographical information systems and population health. While population health can include incidence and prevalence of disease and ill-health, as well as concerns about service provision, this course will focus mainly on disease, injury, illness more broadly. The course will include both lectures, where foundational concepts will be introduced and related to practical lab sessions, where students will gain experience using GIS to map and study health information. Topics will include: spatial databases for population health, mapping health data, analyzing the spatial clustering of disease and/or injury, mapping and analyzing environmental and social risk factors. Assessment will involve completion of three laboratory assignments, a mid-term test, and a final exam.

Prerequisite: GGR276H5 / GGR278H5 / GGR353H5

Corequisite: GGR353H5

Recommended Preparation: Students should be prepared to use their pre-existing introductory knowledge in geographical information systems, and statistics (at least a very basic working knowledge of descriptive statistics is necessary). Students should also be prepared to write brief reports, and to work independently on assigned tasks.

Rationale: Through our departmental planning the need for additional flexibility at the 3rd year level in the GIS programme was identified. This course will move us toward: (1) being able to offer the students greater choice of courses at the 3rd year, (2) ensuring that in any given year there is a sufficient number of courses on offer to enable students to meet their program requirements for the GIS minor and major programs, and most importantly (3) broadening the scope of our course offer to include an area of application of GIS and spatial science that is of considerable relevance to improving the human condition on the planet. GIS is used as a tool by major public health organizations worldwide such as the World Health Organization, while also being a tool used in planning healthcare services and in studying disease and ill health at more local scales (e.g., individual hospitals and departments within hospitals). As an example, consider that the Toronto's Hospital for Sick Children uses GIS and spatial analysis to study spatial patterns of pediatric injury across the Greater Toronto Area. Students will benefit greatly from gaining exposure to the possibilities GIS offers in helping us understand the geography of disease, ill-health, and the planning of healthcare services.

No. Hours Instruction: 24L, 12P

Offered at St George: No

Revived Course: No

Course #27 JGB200H5 Methodological Perspectives on the Biological and Social Determinants of Health (SSc,SCI)

Description: It is widely recognized that human health and development is shaped by a broad set of biological and social factors (e.g., genetics, lifestyle behaviours, socioeconomic status, access to health care). The ways in which health and its determinants are defined (biomedical vs. social perspectives), operationalized, and analysed, vary across disciplines. The goal of this course is to provide students with an introduction to the main theoretical and methodological perspectives of human health that exist within various disciplines (e.g., anthropology, biology, geography, sociology, etc.). The course will cover concepts of health, wellness, disease, evidence-based approaches, research design and implementation, and knowledge translation.

Prerequisite: ANT101H / ANT102H / SOC100H / GGR111H / WGS101H

Rationale: This course will emphasize how health is studied and measured taking into account biological and social science perspectives.

No. Hours Instruction: 36L

Offered at St George: No

Revived Course: No

Course #28 SOC202H5 Cultural Sociology (SSc)

Description: This course introduces students to the field of cultural sociology, which seeks to understand how ideas, meanings, values and beliefs are created, and how they are also implicated in foundational sociological issues such as inequality, identity, social change, and social organization. These linkages are examined through topics such as popular culture, the mass media, science, religion, art, language, knowledge, public opinion, food, advertising and consumerism.

Exclusion: SOC302H5

Prerequisite: SOC100H5

Rationale:	This course will serve as the entry point for our cultural sociology stream. Further courses in the stream will be offered at the 300-level. We currently have a large demand in this area, and we expect that this course will be a large course that will meet much of this demand.
No. Hours Instruction:	24 L
Offered at St George:	No
Revived Course:	No

Course #29 SOC220H5 Criminology, Law and Public Policy (SSc)

Description:	This course analyses policies and policy formation related to crime and law with particular attention to policing, courts, and punishment in the Canadian context and comparatively. Course material sheds light on debates that exist within the fields of crime and law, as well as how those debates impact society more generally.
Prerequisite:	SOC100H5
Rationale:	This course makes explicit the connection between key topics covered in our Crime and Socio Legal Studies program on the one hand and social policy on the other. It is thus also related to our Social Policy Stream.
No. Hours Instruction:	24 L
Offered at St George:	No
Revived Course:	No

Course #30 SOC230H5 The Sociological Enterprise (SSc)

Description:	This course builds on the foundational sociological principles and ideas taught in SOC100H5. It does so through an engagement with significant projects, typically books, and will build students' writing abilities at the same time. Each week the course will engage with issues facing sociologists studying in a particular area, such as criminology, gender, work, political sociology, cultural sociology, and health, as well as other major subfields within the discipline. As part of the course, students will be asked to consider different ways to think and write about the individual and society, social processes, stratification, inequality, organizations, demography, power, and social change. This course is intended for Sociology/Criminology and Socio-Legal Studies Majors and Specialists.
Prerequisite:	SOC100H5
Rationale:	This course will involve significant reading of primary sociological material each week, and lectures will help students learn how to critically engage with and analyze sociological work. The course will be writing-intensive, and the primary assessments will be weekly papers, designed to develop various elements of the necessary writing skill set for our programs.
No. Hours Instruction:	36 L
Offered at St George:	No
Revived Course:	No

Course #31 SOC239H5 Sociology of Health and Illness (SSc)

Description:	This course examines the social causes of illness and disease, the sociology of illness experience, and the sociology of risks to health. The course addresses only peripherally issues related to formal health care provision, health care work, and the structure of health care systems.
Exclusion:	SOC243H1, SOC242Y1
Prerequisite:	SOC100H5
Rationale:	This course fills an important substantive gap in our curriculum. We expect to see demand from students interested in the topics of health and medicine from both inside and outside of our department.
No. Hours Instruction:	24 L
Offered at St George:	Yes
Revived Course:	No

Course #32 SOC308H5 Sociology of Gun Violence (SSc)

New Courses

29

Social Sciences/ICCIT

Description: This course examines the cultural, criminological, sociological and public policy dimensions of gun violence in North America. Possible topics include: popular representations of guns and gun violence; the socio-spatial conditions of gun violence; gun cultures; US exceptionalism in gun violence; cross-border gun crime; and the framing of gun violence as a public policy concern. Particular attention will be given to the impact of race, ethnicity, gender and class in structuring gun violence.

Prerequisite: SOC100H5, 209H5

Rationale: This course diversifies the course offerings in our CSL Program, for which there is much demand. It is a current topic and should attract much student interest

No. Hours Instruction: 24 L

Offered at St George: No

Revived Course: No

Course #33 SOC333H5 Sociology of Health Care and Health Policy (SSc)

Description: This course examines factors that influence the organizational structure of health care systems, how these organizations develop, how they are maintained, and how they can be changed. Topics also include the social forces that influence the relationship between healthcare providers and recipients, and the evolving health policies that structure the provisioning of health care.

Exclusion: SOC244H1, SOC242Y1

Prerequisite: SOC100H5, 1.0 SOC credit at the 200 level

Rationale: This course fills an important substantive gap in our curriculum and is part of our Social Policy Stream.

No. Hours Instruction: 24L

Offered at St George: Yes

Revived Course: No

Course #34 SOC334H5 Aging and Society (SSc)

Description: This course will examine (1) theoretical and empirical issues regarding demographic, economic, and social processes of aging as they affect individuals, families, and societies; (2) the variations in the process and meaning of aging across gender, ethnicity, and class; and (3) public policy issues concerning aging with regard to the process of public policy-making and effectiveness of relevant programs and services.

Exclusion: SOC246H1, SOC245Y1

Prerequisite: SOC100H5, 1.0 SOC credit at the 200 level.

Rationale: This course fills an important substantive gap in our curriculum and is related to our Social Policy Stream, for which we anticipate high demand.

No. Hours Instruction: 24 L

Offered at St George: No

Revived Course: No

Course #35 SOC355H5 Sociology of the Professions (SSc)

Description: Becoming a professional (doctor, accountant, lawyer, engineer, nurse, etc) remains a coveted goal for many young adults and their parents. But what is a profession, and what do these disparate groups have in common? This course lays the groundwork for understanding how the professional projects define professions, limit entry, create internal inequalities and try to maintain their prestige. The role of policy is key to our understanding of the professions, and we will focus on the role of policies in the creation of professions, in the substance of professional work such as ethics, autonomy and commercialism, and on the role of policies in addressing social concerns of inequality and diversity in the professions.

Exclusion: SOC345H5 Advanced Topics in Sociology (Sociology of the Professions, Winter 2013).

Prerequisite: SOC100H5, 1.0 SOC credit at the 200 level.

Rationale: There are two rationales for this new course: First, it will fit nicely into our Social Inequality Stream. Second, the course fits with our Social Policy Stream for which we expect much student demand.

No. Hours Instruction: 24L

Offered at St George: No
Revived Course: No

Course #36 SOC384H5 Media Ethics and Policy: Controversies in Mass Communication (SSc)

Description: This course examines conflicts and controversies in the media. The goal of the course is to analyze power struggles within the realm of the media in order to understand how they both reflect and can reinforce broader social inequalities. Special emphasis is paid to the role of media policies and regulations. Topics include censorship, violence, pornography, marketing, intellectual property and privacy.

Exclusion: SOC284H5
Prerequisite: SOC100H5
Recommended Preparation: SOC202H5

Rationale: This course was taught, under another name, at the 200 level (SOC284H5). SOC202H5 Cultural Sociology will be the entry point for this stream, so this course will be taught at the next level, with Cultural Sociology as the recommended prerequisite (not required). This revised course will count for both our Cultural Sociology stream and our Social Policy Stream. It already contains a heavy focus on analysis of media regulations and policies, and it will make this focus more explicit.

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

Course #37 WRI363H5 The Story Behind the Data: Communicating in a World of Big Data (SSc)

Description: This course examines theory and offers practice in analyzing, interpreting, and communicating data in an understandable and engaging manner. The course explores the growing relevance and allure of Data, and Big Data. Students will learn to interpret and use raw data to "tell a story through the numbers" by creating infographics, writing informative articles from their own data mining, and presenting further findings at the end of the semester. The course draws on a range of theorists and research/data experts including Arvind Sathi, Kenneth Cukier, Viktor Mayer-Schonberger, and Eric Siegel.

Prerequisite: WRI203H5
Rationale: The most popular combination with the Professional Writing Major is the CCIT Major where courses are offered in marketing, communications and data analysis. Since it is important for communicators and marketers to have a level of understanding in data interpretation and communication, this course will benefit both PWC and CCIT students.

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

Course #38 utm193H5 utmONE Scholars: Nations Colliding? (HUM,SSc)

Description: This course investigates the complexity of our global interconnectedness through the lens of a substantive topic. Questions vary annually, but may include: Do all nations benefit equally from this increasing connectivity? How do global connections affect culture? What strategies offer long-term sustainability? What are the impacts of interconnectedness, both to individual citizens and to societies at large? Questions will be explored using a multidisciplinary approach.

Exclusion: utm110H5, utm111H5, utm112H5, utm190H5, utm191H5, utm192H5
Rationale: utmONE is building a repertoire of classes that can be taught by a number of instructors on campus. This course matches the overall theme of Global Horizon and can be taught by a variety of different departments.

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

This course is open to high achieving first-year students only. All interested students must apply and a select group of academically

successful students will be accepted into the utmONE Scholars' Seminars. The application can be found here:
www.utm.utoronto.ca/utmone/utmone-scholars-seminars

Courses - Resource Implications

Course #1 ANT102H5 Introduction to Sociocultural and Linguistic Anthropology

Resource implications: No resource implications.

Course #2 ANT204H5 Sociocultural Anthropology

Resource implications: No resource implications.

Course #3 ANT206H5 Culture and Communication

Resource implications: No resource implications.

Course #4 ANT207H5 Being Human: Classic Thought on Self and Society

Resource implications: No resource implications.

Course #5 ANT208H5 The Culture Machine: The Anthropology of Everyday Life

Resource implications: No resource implications.

Course #6 ANT310H5 Political Anthropology of Ancient States

Resource implications: No resource implications.

Course #7 ANT322H5 Anthropology of Youth

Resource implications: No resource implications.

Course #8 ANT335H5 Anthropology of Gender

Resource implications: No resource implications.

Course #9 ANT350H5 Globalization and the Changing World of Work

Resource implications: No resource implications.

Course #10 ANT351H5 Money, Markets, Gifts: Topics in Economic Anthropology

Resource implications: No resource implications.

Course #11 ANT352H5 Protest, Power and Authority: Topics in Political Anthropology

Resource implications: No resource implications.

Course #12 ANT354H5 Capitalism and its Rebels

Resource implications: No resource implications, taught by existing faculty.

Course #13 ANT357H5 Nature, People and Power: Topics in Environmental Anthropology

Resource implications: No resource implications.

Course #14 ANT358H5 Field Methods in Sociocultural and/or Linguistic Anthropology

Resource implications: No resource implications.

Course #15 ANT360H5 Anthropology of Religion

Resource implications: No resource implications.

Course #16 ANT363H5 Magic and Science

Resource implications: No resource implications.

Course #17 ANT431H5 Special Problems in Sociocultural or Linguistic Anthropology

Resource implications: No resource implications.

Course #18 ANT432H5 Special Seminar in Anthropology

Resource implications: No resource implications.

Course #19 ANT460H5 Theory in Sociocultural Anthropology

Resource implications: No resource implications.

Course #20 ANT461H5 Advanced Seminar in Sociocultural and Linguistic Anthropology

Resource implications: No resource implications.

Course #21 CCT205H5 Digital Innovation and Cultural Transformation

Resource implications: None. This course will be taught by new or existing faculty.

Course #22 CCT210H5 Signs, Referents, and Meaning

Resource implications: None

Course #23 CCT213H5 Meaning and Interpretation (IDM)

Resource implications: None

Course #24 CCT224H5 Performance Assessment (DEM)

Resource implications: None

Course #25 CCT225H5 Information Systems (DEM)

Resource implications: None

Course #26 CCT270H5 Principles in Game Design (SH)

Resource implications: None. This is a Sheridan course.

Course #27 CCT300H5 Critical Analysis of Media

Resource implications: None. This course will be taught by new or existing faculty.

Course #28 CCT302H5 Developing and Managing Communication Campaigns and Projects

Resource implications: None. The course will be taught by new or existing faculty.

Course #29 CCT303H5 Communicating In and Between Organizations

Resource implications: None. This course will be taught by new or existing faculty.

Course #30 CCT304H5 Visual Rhetoric and Digital Environments

Resource implications: None

Course #31 CCT308H5 Advanced Research Methodologies

Resource implications: None

Course #32 CCT309H5 Research Methods (IDM)

Resource implications: None. This course will be taught by new or existing faculty.

Course #33 CCT310H5 Mass Communication and Popular Culture

Resource implications: None

Course #34 CCT322H5 Marketing Information Products and Services (DEM)

Resource implications: None

Course #35 CCT333H5 Social Innovation(SH)

Resource implications: None. This is a Sheridan course.

Course #36 CCT336H5 Comics and Digital Culture (SH)

Resource implications: None. This is a Sheridan course.

Course #37 CCT355H5 E-Business Technologies (SH)(DEM)

Resource implications: None. This is a Sheridan course.

Course #38 CCT386H5 Information Practice in Virtual Worlds: Exploration of Information Environments

Resource implications: None. The course will be taught by existing faculty.

Course #39 CCT402H5 Creating, Protecting and Managing Digital Artifacts

Resource implications: None. The course will be taught by new or existing faculty.

Course #40 CCT405H5 Individual Project

Resource implications: None

Course #41 CCT406H5 Capstone Design Project (SH)

Resource implications: None. This is a Sheridan course.

Course #42 CCT413H5 Work Integrated Learning (IDM)

Resource implications: None

Course #43 CCT414H5 Special Topics in Knowledge, Media and Design (IDM)

Resource implications: None. This course will be taught by faculty in ICCIT or the Faculty of Information, St. George.

Course #44 CCT433H5 Sustainable Design (SH)

Resource implications: None. This is a Sheridan course.

Course #45 CCT434H5 Design Thinking II (SH)

Resource implications: None. This is a Sheridan course.

Course #46 CCT456H5 Web Analytics for Online Marketing (SH)

Resource implications: None. This is a Sheridan course.

Course #47 CCT457H5 Advanced Image Production (SH)

Resource implications: None. This is a Sheridan course.

Course #48 CCT477H5 Culture and Technology I (IDM)

Resource implications: None. The course will be taught by graduate faculty at the Faculty of Information Studies.

Course #49 CCT478H5 Culture and Technology I (IDM)

Resource implications: None. The course will be taught by graduate faculty at the Faculty of Information Studies.

Course #50 CCT480H5 User Integrated Design for Interaction (IDM)

Resource implications: None

Course #51 CCT483H5 Play, Performance and Community in Digital Games

Resource implications: None. The course will be taught faculty in ICCIT or from the Faculty of Information Studies, St. George.

Course #52 CCT487H5 Human Centred Design (IDM)

Resource implications: None. The course will be taught by graduate faculty at the Faculty of Information Studies.

Course #53 CCT488H5 Human Centred Design (IDM)

Resource implications: None. The course will be taught by graduate faculty at the Faculty of Information Studies.

Course #54 CCT497H5 Technologies for Knowledge Media (IDM)

Resource implications: None. The course will be taught by graduate faculty at the Faculty of Information Studies.

Course #55 CCT498H5 Technologies for Knowledge Media (IDM)

Resource implications: None. The course will be taught by graduate faculty at the Faculty of Information Studies.

Course #56 CTE100H5 Child and Adolescent Development in Education

Resource implications: None

Course #57 CTE200H5 Equity and Diversity in Education

Resource implications: None.

Course #58 CTE250H5 Communication and Conflict Resolution

Resource implications: None

Course #59 DTS202H5 Introduction to Diaspora and Transnational Studies II

Courses - Resource Implications

36

Social Sciences/ICCIT

Resource implications: No resource implications.

Course #60 ECO200Y5 Microeconomic Theory

Resource implications: None

Course #61 ECO220Y5 Quantitative Methods in Economics

Resource implications: None

Course #62 ECO400Y5 Economics Internship

Resource implications: None

Course #63 ECO410H5 Growth and Development of the Chinese Economy

Resource implications: None

Course #64 ECO412Y5 Public Economics

Resource implications: None

Course #65 ENV250Y5 Environmental Politics in Canada

Resource implications: none

Course #66 ENV310H5 The Sustainability Imperative

Resource implications: TA's

Course #67 ENV320H5 Managing Our Waste

Resource implications: TA's

Course #68 ENV332H5 Practicum in Environmental Project Management

Resource implications: none

Course #69 ENV425H5 Managing Urban Ecosystems

Resource implications: None

Course #70 ERI260H5 Organizational Behaviour

Resource implications: None

Course #71 GGR202H5 Geography of Canada

Resource implications: none

Course #72 GGR208H5 Population Geography

Resource implications: none

Course #73 GGR209H5 Economic Geography

Resource implications: none

Course #74 GGR210H5 Social Geographies

Courses - Resource Implications

37

Social Sciences/ICCIT

Resource implications: TA's

Course #75 GGR267H5 India and South Asia

Resource implications: none

Course #76 GGR269H5 The Changing Geographies of Latin America

Resource implications: none

Course #77 GGR313H5 Gender and the City

Resource implications: none

Course #78 GGR322H5 GIS and Population Health

Resource implications: TA's

Course #79 GGR325H5 Business and Industrial Geography

Resource implications: none

Course #80 GGR370H5 The Geography of Transportation

Resource implications: none

Course #81 GGR418H5 Geopolitics

Resource implications: none

Course #82 JAL353H5 Discourse Analysis/Conversation Structures

Resource implications: None.

Course #83 JEG401Y5 Geography / Environment Social Science Internship

Resource implications: none

Course #84 JGB200H5 Methodological Perspectives on the Biological and Social Determinants of Health

Resource implications: The course will be co-taught by faculty across Departments starting with Geography and Biology. Depending on enrolments, the course might require teaching assistant support.

Course #85 LIN256H5 Sociolinguistics

Resource implications: None.

Course #86 MAT133Y5 Calculus and Linear Algebra for Commerce

Resource implications: None

Course #87 MGD426H5 Enterprise Risk Management

Resource implications: None

Course #88 MGM101H5 Introduction to Management Functions

Resource implications: None

Course #89 MGM102H5 Management in a Changing Environment

Resource implications: None

Course #90 MGM200H5 Analysis for Decision and Control

Resource implications: None

Course #91 MGM221H5 Accounting Fundamentals I

Resource implications: None

Course #92 MGM222H5 Accounting Fundamentals II

Resource implications: None

Course #93 MGM230H5 Finance

Resource implications: None

Course #94 MGM290H5 Business Law

Resource implications: None

Course #95 MGM300H5 Organizational Behaviour

Resource implications: None

Course #96 MGM320H5 Financial Reporting

Resource implications: None

Course #97 MGM331H5 Investments

Resource implications: None

Course #98 MGM332H5 Managerial Finance

Resource implications: None

Course #99 MGM371H5 Introduction to Information Systems

Resource implications: None

Course #100 MGM400H5 Strategic Management in a Competitive Environment

Resource implications: None

Course #101 MGT120H5 Financial Accounting I

Resource implications: None

Course #102 MGT220H5 Financial Accounting II

Resource implications: None

Course #103 MGT223H5 Management Accounting I

Resource implications: None

Courses - Resource Implications

39

Social Sciences/ICCIT

Course #104 MGT224H5 Financial Accounting Theory & Policy I

Resource implications: None

Course #105 MGT252H5 Principles of Marketing

Resource implications: None

Course #106 MGT262H5 Individual and Group Behaviour in Organizations

Resource implications: None

Course #107 MGT321H5 Auditing

Resource implications: None

Course #108 MGT322H5 Financial Accounting Theory and Policy II

Resource implications: None

Course #109 MGT323H5 Managerial Accounting II

Resource implications: None

Course #110 MGT330H5 Investments

Resource implications: None

Course #111 MGT336H5 Security Analysis

Resource implications: None

Course #112 MGT338H5 Business Finance I

Resource implications: None

Course #113 MGT339H5 Business Finance II

Resource implications: None

Course #114 MGT353H5 Introduction to Marketing Management

Resource implications: None

Course #115 MGT363H5 Organization Design

Resource implications: None

Course #116 MGT371H5 Introduction to Business Information Systems

Resource implications: None

Course #117 MGT374H5 Operations Management

Resource implications: None

Course #118 MGT393H5 Legal Environment of Business I

Courses - Resource Implications

40

Social Sciences/ICCIT

Resource implications: None

Course #119 MGT394H5 Legal Environment of Business II

Resource implications: None

Course #120 MGT420H5 Critical Thinking, Analysis and Decision Making

Resource implications: None

Course #121 MGT421H5 Advanced Auditing Topics

Resource implications: None

Course #122 MGT422H5 Information Systems and Technology, and IT Assurance

Resource implications: None

Course #123 MGT423H5 Canadian Income Taxation I

Resource implications: None

Course #124 MGT426H5 Advanced Accounting

Resource implications: None

Course #125 MGT428H5 Management Control

Resource implications: None

Course #126 MGT429H5 Canadian Income Taxation II

Resource implications: None

Course #127 MGT430H5 Behavioural Finance

Resource implications: None

Course #128 MGT431H5 Advanced Topics in Corporate Finance

Resource implications: None

Course #129 MGT434H5 Mergers and Acquisitions

Resource implications: None

Course #130 MGT435H5 Financial Market Trading

Resource implications: None

Course #131 MGT437H5 Strategy and Governance

Resource implications: None

Course #132 MGT438H5 Futures and Options Markets

Resource implications: None

Course #133 MGT439H5 International Finance

Courses - Resource Implications

41

Social Sciences/ICCIT

Resource implications: None

Course #134 MGT453H5 Marketing Research

Resource implications: None

Course #135 MGT455H5 Marketing Consulting: Models for Analysis

Resource implications: None

Course #136 MGT460H5 Human Resource Management

Resource implications: None

Course #137 MGT461H5 Negotiation

Resource implications: None

Course #138 MGT491H5 Introduction to International Business

Resource implications: None

Course #139 MGT492H5 Introduction to Strategic Management

Resource implications: None

Course #140 MGT493H5 Small Business Management

Resource implications: None

Course #141 POL111H5 Canada in Comparative Perspective

Resource implications: none

Course #142 POL112H5 Democracy in Theory and Practice

Resource implications: none

Course #143 POL114H5 Politics in the Global World

Resource implications: none

Course #144 POL200Y5 Political Theory

Resource implications: none

Course #145 POL203Y5 Politics and Government of the United States

Resource implications: none

Course #146 POL208Y5 Introduction to International Relations

Resource implications: none

Course #147 POL214Y5 Canadian Government and Politics

Resource implications: none

Course #148 POL250Y5 Environmental Politics in Canada

Courses - Resource Implications

42

Social Sciences/ICCIT

Resource implications: none

Course #149 POL300Y5 Topics in Comparative Politics

Resource implications: none

Course #150 POL302Y5 Politics of Western Europe and the European Union

Resource implications: none

Course #151 POL303Y5 The Politics of Islam

Resource implications: none

Course #152 POL310Y5 Managing International Military Conflict

Resource implications: none

Course #153 POL316Y5 Contemporary Canadian Federalism

Resource implications: none

Course #154 POL320Y5 Modern Political Thought

Resource implications: None

Course #155 POL327Y5 Comparative Foreign Policy

Resource implications: none

Course #156 POL340Y5 International Law

Resource implications: none

Course #157 POL343Y5 Politics of Global Governance

Resource implications: none

Course #158 POL346Y5 Urban Politics

Resource implications: none

Course #159 POL353Y5 Canadian Public Policy: From the Golden Age to the Era of Globalization

Resource implications: none

Course #160 POL354Y5 Russian Politics

Resource implications: none

Course #161 POL355Y5 Multiculturalism and Citizenship

Resource implications: none

Course #162 POL360H5 State, Society and Regime Change in Latin America

Resource implications: none

Course #163 POL361H5 After Regime Change: The Quality of Democracy in Latin America

Courses - Resource Implications

43

Social Sciences/ICCIT

Resource implications: none

Course #164 POL368Y5 Women and Politics

Resource implications: none

Course #165 SOC100H5 Introduction to Sociology

Resource implications: None

Course #166 SOC202H5 Cultural Sociology

Resource implications: This course replaces a third year course taught by current faculty and thus has no resource implications.

Course #167 SOC209H5 Current Issues in Law and Criminology

Resource implications: TA resources

Course #168 SOC220H5 Criminology, Law and Public Policy

Resource implications: It will be taught by a new tenure track hire in this area, who starts Fall 2014, and thus has no resource implications.

Course #169 SOC221H5 The Logic of Social Inquiry

Resource implications: None

Course #170 SOC222H5 Measuring the Social World

Resource implications: None.

Course #171 SOC230H5 The Sociological Enterprise

Resource implications: TA resources

Course #172 SOC239H5 Sociology of Health and Illness

Resource implications: It will be taught by a new tenure-track hire, who starts Fall 2014, and thus has no resource implications.

Course #173 SOC244H5 Sociology of Families

Resource implications: None.

Course #174 SOC263H5 Social Inequality

Resource implications: None

Course #175 SOC275H5 Sociology of Gender

Resource implications: None.

Course #176 SOC308H5 Sociology of Gun Violence

Resource implications: It will be taught by a tenure track Professor hired last year with expertise in this area and thus has no resource implications.

Course #177 SOC317H5 Shopping and Society

Resource implications: None

Courses - Resource Implications

44

Social Sciences/ICCIT

Course #178 SOC333H5 Sociology of Health Care and Health Policy

Resource implications: It will be taught by a new tenure-track hire, who starts Fall 2014, and thus has no resource implications.

Course #179 SOC334H5 Aging and Society

Resource implications: It will be taught by an existing new tenured Professor and thus has no resource implications.

Course #180 SOC335H5 Political Sociology

Resource implications: None

Course #181 SOC355H5 Sociology of the Professions

Resource implications: None

Course #182 SOC356H5 Population and Society

Resource implications: None

Course #183 SOC359H5 Gendered Identities

Resource implications: None

Course #184 SOC380H5 Gender, Politics and Society

Resource implications: None

Course #185 SOC384H5 Media Ethics and Policy: Controversies in Mass Communication

Resource implications: Since this course was already on the books, at the 200 level, this change to the 300 level has no resource implications.

Course #186 SOC387H5 Qualitative Analysis I

Resource implications: None

Course #187 SOC393H5 Independent Research in Criminology and Law

Resource implications: None

Course #188 SOC394H5 Independent Research in Criminology and Law

Resource implications: None

Course #189 SOC425H5 Gender in Global Contexts

Resource implications: None

Course #190 WGS366H5 Women and Psychology

Resource implications: No resource implications.

Course #191 WGS367H5 Women and Health

Resource implications: No resource implications.

Course #192 WRI363H5 The Story Behind the Data: Communicating in a World of Big Data

Courses - Resource Implications

45

Social Sciences/ICCIT

Resource implications: one course/sessional instructor

Course #193 utm110H5 utmONE: Building Global Justice

Resource implications: None

Course #194 utm111H5 utmONE: Tools of the Trade

Resource implications: None

Course #195 utm112H5 utmONE: Power and Danger of Expression

Resource implications: None

Course #196 utm190H5 utmONE Scholars: The Drama of Politics

Resource implications: None

Course #197 utm191H5 utmONE Scholars: Science Meets Society

Resource implications: None

Course #198 utm192H5 utmONE Scholars: Language, Culture, and Mind

Resource implications: None

Course #199 utm193H5 utmONE Scholars: Nations Colliding?

Resource implications: None

Deleted Courses

Course #1 CCT361H5 New Instructional Technologies and Learning Environments

Rationale: This course has not been offered for several years.

Course #2 SOC284H5 Communication and Ethics: Conflict and Controversy in the Media

Rationale: This course is being turned into a third year course.

Course #3 SOC302H5 Sociology of Culture

Rationale: This course is being turned into a broader second year course.

Course #4 SOC339H5 Social and Ecological Issues in Globalization

Rationale: This course is not taught by anyone on our faculty.

Renumbered Courses

Course #1 ENV332H5 Practicum in Environmental Project Management

Before: *ENV232H5*

After: *ENV332H5*

Rationale: By switching ENV232 to a 3rd year offering and changing the prerequisites, students will enter the course with a stronger academic background in general, and with some understanding of research methods. This will allow the students to undertake more complex projects, and the course can focus on project management instruction rather than remedial methods instruction.

Course #2 GGR267H5 India and South Asia

Before: *GGR367H5*

After: *GGR267H5*

Rationale: to create a suite of regional courses at the second year level.

Course #3 GGR269H5 The Changing Geographies of Latin America

Before: *GGR369H5*

After: *GGR269H5*

Rationale: to create a suite of regional courses at the second year level

Course #4 SOC317H5 Shopping and Society

Before: *SOC217H5*

After: *SOC317H5*

Rationale: This course was previously taught at the second year as 217. Cultural Sociology will be the entry point for this stream, so this course will be taught at the next level. It will be one of our larger third year courses. Since this course was already on the books, at the 200 level, this change to the 300 level has no resource implications.

Courses - Description Changes

Course #1 ANT358H5 Field Methods in Sociocultural and/or Linguistic Anthropology

- Before:** This course investigates how sociocultural and/or linguistic anthropologists collect data, conduct fieldwork, and interpret research results. ~~Students complement reading and lectures on method with gaining first-hand experience in carrying out various techniques of anthropological research including interviewing, collecting life histories, participant observation, and project design. Students formulate and complete a research project loosely organized around an annual theme. This course is designed for those students who want to gain skills in research design and practice as well as for those who are thinking about graduate-level work in anthropology or another social science program.~~ [24L]
- After:** This course investigates how sociocultural and/or linguistic anthropologists collect data, conduct fieldwork, and interpret research results. The course will benefit students who want to gain an appreciation of research design and practice and those considering graduate-level work in anthropology or another social science. [24L]
- Rationale:** The description of course content is being made more general, to allow more flexibility in the range of topics covered and to allow a wider range of faculty to teach the course.
-

Course #2 ANT431H5 Special Problems in Sociocultural or Linguistic Anthropology

- Before:** *Supervised independent research in Sociocultural or Linguistic Anthropology.*
- After:** *Special seminar on selected topics in sociocultural and/or linguistic anthropology; focus of seminar changes each year. [24S]*
- Rationale:** Clarify nature of course as currently taught.
-

Course #3 ANT432H5 Special Seminar in Anthropology

- Before:** ~~A research-oriented seminar with topics that may vary from year to year depending on special interests of staff and students.~~
- After:** Special seminar on selected topics in any aspect of anthropology, including one or more sub-fields; focus of seminar changes each year. [24S]
- Rationale:** Clarify nature of course as currently taught.
-

Course #4 CCT224H5 Performance Assessment (DEM)

- Before:** This course ~~will investigate measurement issues relating to managing digital enterprises. It will build on the accounting studied in MGM101H5 but will be a more extensive investigation of the variety of measures that are necessary to provide all the stakeholders in a digital enterprise with useful decision-focused information. The use of this information to direct and control the organization will also be discussed.~~ [24L, 12T]
- After:** This course provides a comprehensive overview of the activities and processes that take place in organizations. Major emphasis is placed on the investigation of the varied measures that can be developed to assess and subsequently improve the performance of the organization. The interpretation of measures in managerial decision-making will also be investigated in detail. [24L]
- Rationale:** Modified the description to represent what is currently being taught.
-

Course #5 CCT322H5 Marketing Information Products and Services (DEM)

- Before:** Techniques for developing a comprehensive marketing strategy will be developed with particular emphasis on digital products and services. The nature of digital markets, approaches to advertising, pricing and such areas as versioning will also be discussed. [24L, 12T]
- After:** Techniques for developing a comprehensive marketing strategy will be developed with particular emphasis on digital products and services. The nature of digital markets, approaches to advertising, pricing and such areas as versioning will also be discussed. [24L]
- Rationale:** Removed the tutorial for this course as it is not applicable to the lecture material being taught.
-

Course #6 CCT333H5 Social Innovation(SH)

Before: ~~All forms of cultural and media expression are created for imagined audiences. The nature and role of audiences will be explored across multiple media. Broadcast models, interactive models, live audience, audience reading, gender, culture, and audience feedback are explored. How do we define our audience in a wired world? [24L, 12T]~~

After: This course introduces students to the strategies and processes of social innovation through usability studies, systems analysis, and artifact prototyping for new products or services for underserved groups. Students will learn various techniques of understanding user needs requirements and design methodologies, and apply this knowledge to create socially innovative prototypes to apply to real world situations. By the end of this course, students will have worked in groups to develop design alternatives for a technological artifact or system of their choosing, gain knowledge of human-centred design strategies and learn how to become change agents through case studies, best practice analyses, and relevant readings.

Rationale: Updating course description to better match current delivery.

Course #7 CCT355H5 E-Business Technologies (SH)(DEM)

Before: ~~Students will study technologies that are essential to the successful establishment of e-business. Students will be introduced to approaches to the processing and management of payments, security and privacy issues, and the technical aspects of Digital Rights Management. [24L, 12T]~~

After: This course focusses on foundational information technology systems used in organizations and the role people, process, context and technology play in defining an organization's information ecology. It will explore issues of change management and reformatting business models to leverage technological, economic and environmental change. [36L]

Rationale: Updating description away from simple e-commerce, which is a largely solved problem, and extending from the baseline established in CCT225H5.

Course #8 CCT434H5 Design Thinking II (SH)

Before: An advanced seminar on the ~~rhetoric~~ of design thinking. Combining ~~research~~ and ~~methodologies of a visionary nature~~, a variety of design ~~and advocacy~~ projects are ~~examined, prototyped and/or implemented~~. This course embraces design as a ~~tool of activism~~ and ~~applies more in-depth theories and integrated~~ principles, such as ~~sustainability~~, futures-thinking, ~~values-based design~~, and metadesign. [36L]

After: An advanced project-based seminar on the art and creative directions of design thinking. Combining traditional and innovative creativity methods, a variety of design projects are conceptualized and drafted for proposal or implementation. This course embraces design thinking as a holistic, interdisciplinary approach that integrates methodical creativity and overarching design principles, such as aesthetics, futures-thinking, progress and metadesign. [36L]

Rationale: Refocusing Design Thinking II to follow and expand from Design Thinking I.

Course #9 CSC108H5 Introduction to Computer Programming

Before: Structure of computers; the computing environment. Programming in a language such as Python. Program structure: elementary data types, statements, control flow, functions, classes, objects, methods, fields. List: searching, sorting and complexity. **Practical (P) sections consist of supervised work in the computing laboratory. These sections are offered when facilities are available, and attendance is required.** [36L, 24P]

After: Structure of computers; the computing environment. Programming in a language such as Python. Program structure: elementary data types, statements, control flow, functions, classes, objects, methods, fields. List: searching, sorting and complexity. [36L, 24P]

Rationale: #1 Practicals are always available, and the requirement of attendance can be made explicit in a syllabus, if necessary.
#2 Delete the pre-requisite requirements for CSC148H5 - not related to CSC108H5.

Course #10 CSC108H5 Introduction to Computer Programming

Before: **The following course, CSC148H5 requires Grade 12 Advanced Functions (MHF4U) and Grade 12 Calculus and Vectors (MCV4U).**

After:

Rationale: #1 Practicals are always available, and the requirement of attendance can be made explicit in a syllabus, if necessary.
#2 Delete the pre-requisite requirements for CSC148H5 - not related to CSC108H5.

Course #11 CSC148H5 Introduction to Computer Science

- Before:** Abstract data types and data structures for implementing them. Linked data structures. Encapsulation and information-hiding. Object-oriented programming. Specifications. Analyzing the efficiency of programs. Recursion. This course assumes programming experience in a language such as Python, C++, or Java, as provided by CSC108H5. Students who already have this background may consult the Computer Science faculty advisor for advice about skipping CSC108H5. **Practical (P) sections consist of supervised work in the computing laboratory. These sections are offered when facilities are available, and attendance is required.** [36L, 24P]
- After:** Abstract data types and data structures for implementing them. Linked data structures. Encapsulation and information-hiding. Object-oriented programming. Specifications. Analyzing the efficiency of programs. Recursion. This course assumes programming experience in a language such as Python, C++, or Java, as provided by CSC108H5. Students who already have this background may consult the Computer Science faculty advisor for advice about skipping CSC108H5. [36L, 24P]
- Rationale:** Practicals are always available, and the requirement of attendance can be made explicit in a syllabus, if necessary.
-

Course #12 CSC236H5 Introduction to the Theory of Computation

- Before:** Mathematical induction; correctness proofs for iterative and recursive algorithms; recurrence equations and their solutions (including the "Master Theorem"); introduction to automata and formal languages. **(This course replaces CSC238H5)** [24L, 12T]
- After:** Mathematical induction; correctness proofs for iterative and recursive algorithms; recurrence equations and their solutions (including the "Master Theorem"); introduction to automata and formal languages. [24L, 12T]
- Rationale:** Tidying up old courses.
-

Course #13 ECO400Y5 Economics Internship

- Before:** Through a part time, unpaid, 200-hour work placement, fourth year students apply economics content and skills. Placements are made throughout the GTA in both the private and public sectors. Successful candidates gain an opportunity to enhance their University experience through on-site work placements providing the possibility to develop skill sets within a business setting. Monthly class meetings plus year-end report and presentation are required. This opportunity is aimed at non-Commerce students with a high CGPA. Apply to Course Director: Professor K. Wong
Room #114C Kaneff Centre Email: kn.wong@utoronto.ca
- After:** Through a part time, unpaid, 200-hour work placement, fourth year students apply economics content and skills. Placements are made throughout the GTA in both the private and public sectors. Successful candidates gain an opportunity to enhance their University experience through on-site work placements providing the possibility to develop skill sets within a business setting. Monthly class meetings plus year-end report and presentation are required.
Application deadline for this course is February of previous year. Late applications will not be accepted. This opportunity is aimed at non-Commerce students with a high CGPA. Apply to Course Director: Professor K. Wong
Email: kn.wong@utoronto.ca
- Rationale:** Added one line to clarify course instructions:
Application deadline for this course is February of previous year.
Late applications will not be accepted.
- Removed room number during temporary room allocations.
-

Course #14 ECO412Y5 Public Economics

- Before:** This course ~~covers a special topic in Public Economics. The content relates to the instructor's area of interest examining the~~ role of government in the economy and ~~why government chooses the actions it does.~~ For example, using theoretical and empirical ~~methods~~ we analyze how labour income taxes affect welfare and the role of unemployment benefits in increasing the well-being of unemployed workers. ~~A more detailed course description is available on the Economics Department website, www.utm.utoronto.ca/economics~~
- After:** This year-long course examines the role of the government in the economy. It provides an understanding for how government's actions affect the economy and what the appropriate government policies should be. The course covers topics such as tax policy, social insurance programs, including retirement pensions and

unemployment insurance, public goods provision and education. For example, using theoretical and empirical methods, we analyze how labour income taxes affect welfare and the role of unemployment benefits in increasing the well-being of unemployed workers. The course also studies why government chooses the actions it does. By applying concepts from Political Economics, it investigates how institutions of government s decision making influences the chosen policies. We compare policy choices in democratic countries to nondemocracies, but also investigate how different institutions within democracies affect the incentives of politicians. The course is both theoretical and empirical and will provide methods used in applied microeconomics.

Rationale: Remove Special Topics from title as this will become regular course.
More complete course description was required.

Course #15 ECO412Y5 Public Economics

Before:

After: ***ECO336Y5: Public Economics compliments this course but is not considered a prerequisite for it.***

Rationale: Remove Special Topics from title as this will become regular course.
More complete course description was required.

Course #16 ERI260H5 Organizational Behaviour

Before: (Formerly WDW260H5) Introduction to the nature of organizations and the behaviour of individuals and groups within organizations, including such topics as culture and diversity, reward systems, motivation, leadership, politics, communication, decision-making, conflict, group processes and organizational change. Not recommended for students in Management programs **[36L]**

After: (Formerly WDW260H5) Introduction to the nature of organizations and the behaviour of individuals and groups within organizations, including such topics as culture and diversity, reward systems, motivation, leadership, politics, communication, decision-making, conflict, group processes and organizational change. **[36L]** Not recommended for students ***going into or in Commerce and Management programs or Digital Enterprise Management.***

Rationale: Changed sentence "Not recommended for students in Management programs" to read "Not recommended for students going into or in Commerce and Management programs or Digital Enterprise Management" at request of Management Department and ICCIT.

Course #17 GGR209H5 Economic Geography

Before: ~~*This course uses economic principles and geographical analysis in order to understand the global economic map of the early 21st century. Topics covered include transnational corporations, state policies, new technologies, trade agreements and inequalities.*~~ [24L]

After: An introduction to the interaction of the economic, social and political institutions that determine the quality of life in a particular place. Subjects covered range from economic efficiency and social equity to the location dynamics of value chains. The emphasis of the course is on Canadian examples. [24L]

Rationale: new description better reflects course focus and content.

Course #18 GGR325H5 Business and Industrial Geography

Before: ~~*Modern theoretical spatial economics. Land use theory, central place theory, locational analysis, and transport processes. Planning and policy questions.*~~ [24L]

After: This course uses economic principles and geographical analysis to help you understand the global economic map of the early 21st century. It aims to show the way in which economic activities are organized within and across countries and how this affects people and communities. Both broad patterns of economic organization and specific case studies will be discussed. Topics covered range from the impact of public policy on regional growth to a case study of the financial services industries. In short, the course attempts to answer the following question about the global economic map: "What is where, and why? and so what?". [24L]

Rationale: new description better reflects course focus and content.

Course #19 GGR418H5 Geopolitics

Before: ~~Political geography is concerned with the spatial expression of political entities and events. It involves analysis at a variety of scales ranging from the local to the global. The control and manipulation of territory and the imposition of political boundaries and political ideas are central to this analysis. This course provides an introduction to~~ classical and contemporary geopolitical theories. We examine different and competing ideas and consider how and if geographic logic of the international (or global) political order has changed. Discussion will initially focus on the historical progression of geopolitical reasoning ~~beginning with the creation of the State~~ and then will proceed to discuss imperial rivalries, concepts of hegemony and world order and the geopolitics of the Cold War and the post-Cold War eras. The final section of the course will consider theoretical struggles surrounding the geopolitics in the early 21st. century and the challenges posed by critical geopolitics, social movements, environmental changes and feminist theory. Throughout, the primary concern is how the effects of scale, space and power in global politics is understood and experienced. ~~[24L]~~

After: The course focus is classical and contemporary geopolitical theories. We examine different and competing ideas and consider how and if geographic logic of the international (or global) political order has changed. Discussion will initially focus on the historical progression of geopolitical reasoning and then will proceed to discuss imperial rivalries, concepts of hegemony and world order and the geopolitics of the Cold War and the post-Cold War eras. The final section of the course will consider theoretical struggles surrounding the geopolitics in the early 21st. century and the challenges posed by critical geopolitics, social movements, environmental changes and feminist theory. Throughout, the primary concern is how the effects of scale, space and power in global politics is understood and experienced. [24L]

Rationale: New course description better reflects the focus of the course and the material covered in class and in readings.

Course #20 HSC301H5 Data and Information Visualization

Before:

After: *HSC200H5 will be the pre-requisite for this course beginning in 2015-16.*

Rationale:

Course #21 HSC401H5 Health and Science Communication Design

Before:

After: *HSC200H5 will be the pre-requisite for this course beginning in 2015-16.*

Rationale:

Course #22 JCB487Y5 Advanced Interdisciplinary Research Laboratory

Before: *Evaluation: As these are team-based projects, identical grades will be awarded to all members of a given team. This is a balloted course.*

After:

Rationale:

Course #23 JCP410H5 Modelling of Biochemical Systems

Before: Offered in alternate years with JCP422H5. *Offered* in 2013-14.

After: Offered in alternate years with JCP422H5. *Not offered* in 2014-15.

Rationale:

Course #24 JCP421H5 Quantum Mechanics

Before: Offered in alternate years with PHY451H5. *Not offered* in 2013-14.

After: Offered in alternate years with PHY451H5. *Offered* in 2014-15.

Rationale:

Course #25 JCP422H5 NMR Spectroscopy

Before: Offered in alternate years with JCP410H5. *Not offered* in 2013-14.

After: Offered in alternate years with JCP410H5. **Offered** in **2014-15**.

Rationale:

Course #26 JCP463H5 Techniques in Structural Biology

Before: **Not offered in 2013-14.**

After:

Rationale:

Course #27 MGM300H5 Organizational Behaviour

Before: Using concepts from psychology and the social sciences to understand processes of managing and organizing, the course will explore life in organizations, the analytical tools that can help make sense of the behaviours exhibited by organizational members, and approaches to becoming an effective organizational member. **[24L, 8T]**

After: Using concepts from psychology and the social sciences to understand processes of managing and organizing, the course will explore life in organizations, the analytical tools that can help make sense of the behaviours exhibited by organizational members, and approaches to becoming an effective organizational member. **[24L]**

Rationale: Removal of tutorial: The tutorial is no longer necessary as the instructor makes better use of class time and conducts tutorial activities during class time and during office hours. There is also no mid term which also frees up time for tutorial activities.

Course #28 MGT437H5 Strategy and Governance

Before: ~~The course examines theoretical and empirical issues in corporate governance. It analyzes specific mechanisms for resolving conflicts among various stakeholders of the firm, evaluating alternative corporate governance practices. The course also analyzes fundamental issues linking legal and financial systems and addresses the question, how does a country's legal system affect its level of financial development and firms' cost of capital?~~ [24L]

After: This course covers concepts in strategic management and focuses on the role of corporate governance in formulating, implementing and monitoring firm's strategic objectives. Although the course will cover economic foundations of strategy, market, industry and competitive analysis, the main focus will be on the internal operations of an organization. Corporate governance will be examined in the broad sense of the term and will include an overview of country-level legal environment, regulatory agencies, stock market, and firm's board of directors. The objective of the course is to enhance students' understanding of the operating tensions facing firms and the means of addressing such tensions through country-level and firm-level corporate governance systems. [24L]

Rationale: The course content will be repositioned to emphasize the connection between economics, strategy and governance in determining and analyzing how corporations add value in the economy. One of the primary goals of the course is to explicitly encourage integrative thinking across the disciplines of economics and management and within the sub-disciplines of both.

Course #29 PHY136H5 Introductory Physics I

Before: Students without Grade 12 Physics (SPH4U) ~~require~~ P.I.

After: Students without Grade 12 Physics (SPH4U) can be granted P.I. based on their performance in Grade 11 Physics (SPH3U) or in the other mathematical and physical sciences. Students who already passed successfully the university level course PHY100H5 (minimum grade of 70%) are also acceptable in PHY135H5.

Rationale:

Course #30 PHY332H5 Molecular Biophysics

Before: Offered in alternate years, alternating with PHY333H5. **Offered** in **2013-14.**

After: Offered in alternate years, alternating with PHY333H5. **Not offered** in **2014-15.**

Rationale:

Course #31 PHY333H5 Physics of the Cell

Before: Offered in alternate years, alternating with PHY332H5. **Not offered** in **2013-14**.
After: Offered in alternate years, alternating with PHY332H5. **Offered** in **2014-15**.
Rationale:

Course #32 PHY451H5 Classical Electrodynamics

Before: Offered in alternating years, alternating with JCP421H5. **Offered** in **2013-14**.
After: Offered in alternating years, alternating with JCP421H5. **Not offered** in **2014-15**.
Rationale:

Course #33 PSY220H5 Introduction to Social Psychology

Before: A survey of classic and contemporary research in social psychology. Topics include **attitudes and interpersonal relations, group processes, and culture**. [36L]
After: A survey of classic and contemporary research in social psychology. Topics include **the self, social cognition, attitudes, social influence, relationships, emotions, culture, stereotyping, altruism and aggression**. [36L]
Rationale: The original course description is a bit too narrow, given that most textbooks cover a broader range of topics. In addition, the field has grown considerably in breadth in the past couple of decades. For example, most textbooks include chapters on emotions, stereotyping, and altruism and aggression--topics that were not included in the original course description.

Course #34 PSY240H5 Introduction to Abnormal Psychology

Before: A survey of contemporary issues in theory and research on abnormal behaviour and its treatment. Topics include the definition of abnormal behaviour, causes and treatment of disorders, diagnosis and assessment, incidence and prevalence, biological and psychological interventions, prevention, as well as legal and ethical issues. **Does not focus on specific disorders**. [36L]
After: A survey of contemporary issues in theory and research on abnormal behaviour and its treatment. Topics include the definition of abnormal behaviour, causes and treatment of disorders, diagnosis and assessment, incidence and prevalence, biological and psychological interventions, prevention, as well as legal and ethical issues. [36L]
Rationale: We request to delete the last sentence in the course description (i.e., "does not focus on specific disorders") because textbooks in abnormal psychology typically provide an overview of specific mental health disorders.

Course #35 PSY340H5 Abnormal Psychology: Adult Disorders

Before: ~~An examination of current theory and research related to the origin and treatment of specific psychological disorders. Biological and psychological approaches will be considered, with special emphasis on social learning theories and cognitive-behavioural interventions.~~ [36L]
After: This advanced course provides an in-depth examination of current theory and research related to the origin, diagnosis, classification and treatment of adulthood psychological disorders. Readings and discussion will provide a biopsychosocial framework from which to explore contemporary explanations of psychopathology. Students will investigate how culture, societal norms, and environmental factors may shape what is considered to be abnormal adult behaviour. [36L]
Rationale: There are two main reasons why the description for PSY340 needed revision. The first was to differentiate the course from PSY240: Introduction to Abnormal Psychology. The new description makes clear that PSY340 is an advanced course with an in-depth exploration of adult disorders. The second reason was to give students a clear picture that the course is taught from a biopsychosocial perspective, taking into account culture, societal norms and environmental factors that shape the definition and diagnosis of abnormal behaviour in modern day. This latter reason indicates that this course is taught from the most current perspective in the field of abnormal psychology.

Course #36 SOC356H5 Population and Society

Before: ~~The~~ course will discuss interrelationship between human population and societal issues such as aging, reproductive health, gender, environment, and social policy. ~~Population~~ structure and dynamics ~~are examined~~ in relation to social, economic, political, and cultural elements of change in both developing and developed world. ~~[24L]~~
After:

This course will discuss interrelationship between human population and societal issues such as aging, reproductive health, gender, environment, and social policy. *It will examine population* structure and dynamics in relation to social, economic, political, and cultural elements of change in both developing and developed world. *It will also examine historical population policy developments and the diversified national policies in relation to policy formulation, implementation, and effectiveness.*

Rationale: This course revises the description to reflect additional policy content and make explicit its link with our Social Policy Stream. It will be taught by the same tenured Professor and thus has no resource implications.

Course #37 utm110H5 utmONE: Building Global Justice

Before: This course focuses on themes of social justice, global change, and conflict through the lens of multiple **social science** disciplines. Through the exploration of concepts such as class, race, gender, and power on a global level, students will be involved in assignments and small group activities that develop and refine key skills **relevant to the social sciences.** [24L, 12T]

After: This course focuses on themes of social justice, global change, and conflict through the lens of multiple disciplines. Through the exploration of concepts such as class, race, gender, **religion, culture,** and power on a global level, students will be involved in assignments and small group activities that develop and refine key skills **that contribute to student success in university courses.** [24L, 12T]

Rationale: The description was altered slightly to adjust for a greater inclusion of humanities.

Course #38 utm110H5 utmONE: Building Global Justice

Before: ~~*This course is only open to first-year students in the following streams: Social Sciences (including Anthropology BA, Environmental Management BA, and Geography BA); Communication, Culture, & Information Technology; Management/Business; and Commerce*~~

After:

Rationale: The description was altered slightly to adjust for a greater inclusion of humanities.

Course #39 utm111H5 utmONE: Tools of the Trade

Before: This course is an introduction to common computational tools with an emphasis on their use in solving **problems in areas such as Psychology, Biology, Chemistry, Physics, Mathematics, Computer Science, etc.** The course covers common tools such as databases and spreadsheets and how they are used to gather, understand, visualize and manipulate information. Tutorial (T) sections consist of supervised work in the computer laboratory. No programming experience is necessary. [24L, 12T]

After: This course is an introduction to common computational tools with an emphasis on their use in solving **problems.** The course covers common tools such as databases and spreadsheets and how they are used to gather, understand, visualize and manipulate information. Tutorial (T) sections consist of supervised work in the computer laboratory. No programming experience is necessary. [24L, 12T]

Rationale: The deletion of the Science departments allows for the inclusion of Social Science perspectives.

Course #40 utm111H5 utmONE: Tools of the Trade

Before: ~~*This course is only open to first-year students in the following streams: Chemical & Physical Sciences (including Environmental Science, Geographic Information Systems, and Geography BSc); Life Sciences (including Anthropology BSc); Psychology; Computer Science, Mathematics, & Statistics; Forensic Science; Concurrent Teacher Education Program*~~

After:

Rationale: The deletion of the Science departments allows for the inclusion of Social Science perspectives.

Course #41 utm112H5 utmONE: Power and Danger of Expression

Before: ~~*Studying classic and contemporary works of art, literature, history and/or philosophy,*~~ this course asks big questions about what ~~*art*~~ is, how it influences society, and what role it plays in people's lives. Students will ~~*be involved in*~~ assignments and small group activities that develop and refine key skills relevant to the ~~*humanities.*~~ [24L, 12T]

After:

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

Rationale: The description was altered slightly to adjust for the broadening of topics that can be explored through this course.

Course #42 utm112H5 utmONE: Power and Danger of Expression

Before: ~~*This course is only open to first-year students in the following streams: Humanities (including Languages, History, Philosophy, and Women and Gender Studies); Visual Studies; Theatre and Drama; and Concurrent Teacher Education Program*~~

After:

Rationale: The description was altered slightly to adjust for the broadening of topics that can be explored through this course.

Course #43 utm191H5 utmONE Scholars: Science Meets Society

Before: *The* course **brings students in contact with the methods of science with respect to** complex **breaking** research questions in **health and the environment** that require creative, multidisciplinary thinking. Students will hone skills in research and presentation. [24S]

After: *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]

Rationale: The description was altered to better balance the science and social science disciplines.

Changes in Course Name

Course #1 ANT208H5 The Culture Machine:The Anthropology of Everyday Life

Before: The *Cool* Culture *Soul Machine: The* Anthropology of Everyday Life

After: The Culture *Machine:The* Anthropology of Everyday Life

Rationale: Allows the course to be taught by a broader range of faculty.

Course #2 ANT310H5 Political Anthropology of Ancient States

Before: *Complex Societies*

After: *Political Anthropology of Ancient States*

Rationale: More accurately reflects the course content as taught. More clearly draws attention to links between this course and anthropology courses on modern states.

Course #3 ANT322H5 Anthropology of Youth

Before: Anthropology of *Youth: Cool Capitalism and its Rebels*

After: Anthropology of *Youth*

Rationale: Change in title is to reflect broader content of course as taught, and allow teaching by a wider range of faculty.

Course #4 ANT358H5 Field Methods in Sociocultural and/or Linguistic Anthropology

Before: *Doing Anthropology:* Field Methods in Sociocultural *and* Linguistic Anthropology

After: Field Methods in Sociocultural *and/or* Linguistic Anthropology

Rationale: Title shorter and less ambiguous; closer to parallel titles in other sub-disciplines.

Course #5 CCT205H5 Digital Innovation and Cultural Transformation

Before: Digital Innovation and Cultural Transformation *(SH)*

After: Digital Innovation and Cultural Transformation

Rationale: We have removed the (SH) designation from the end of the course title. It is more appropriate for this course to be taught at UTM rather than at Sheridan.

Course #6 CCT300H5 Critical Analysis of Media

Before: Critical Analysis of Media *(SH)*

After: Critical Analysis of Media

Rationale: We have removed the (SH) designation from the end of the course title. It is more appropriate for this course to be taught at UTM rather than at Sheridan.

Course #7 CCT333H5 Social Innovation(SH)

Before: *Imagining Audience in a Wired World (SH)*

After: *Social Innovation(SH)*

Rationale: Updating course name to better match current delivery.

Course #8 CCT480H5 User Integrated Design for Interaction (IDM)

Before: *Human Computer* Interaction *and Communication* (IDM)

After: *User Integrated Design for* Interaction (IDM)

Rationale: This name better reflects content of this Interactive Digital Media Specialist course.

Course #9 ECO412Y5 Public Economics

Before: *Special Topics:* Public Economics

After: Public Economics

Rationale: Remove Special Topics from title as this will become regular course.

Course #10 GGR202H5 Geography of Canada

Before: *Where in Canada?*

After: *Geography of Canada*

Rationale: The title change removes confusion over course focus and content.

Course #11 GGR208H5 Population Geography

Before: *Places and People*

After: *Population Geography*

Rationale: The title change removes confusion over course focus and content.

Course #12 GGR209H5 Economic Geography

Before: *People, Money and Places*

After: *Economic Geography*

Rationale: The title change removes confusion over course focus and content.

Course #13 GGR313H5 Gender and the City

Before: *Sex* and the City

After: *Gender* and the City

Rationale: The title change removes confusion over course focus and content

Course #14 GGR325H5 Business and Industrial Geography

Before: *Economic* Geography

After: *Business and Industrial* Geography

Rationale: better reflects course focus and content

Course #15 GGR370H5 The Geography of Transportation

Before: *Planes, Trains, and Automobiles:* The Geography of Transportation

After: The Geography of Transportation

Rationale: The title change removes confusion over course focus and content.

Course #16 JEG400Y5 Geography / Environment Science Internship

Before: *Joint Environmental Science / Physical* Geography Internship

After: Geography / *Environment Science* Internship

Rationale: The title change better reflects the course focus and content.

Course #17 JEG401Y5 Geography / Environment Social Science Internship

Before: *Joint Environmental Management/Human* Geography Internship

After: Geography / *Environment Social Science* Internship

Rationale: The title change better reflects the course focus and content.

Course #18 MGD426H5 Enterprise Risk Management

Before: Risk Management *for Digital Industries*

After: *Enterprise* Risk Management

Rationale: The name change more accurately reflects course content.

Course #19 MGM290H5 Business Law

Before: *Regulatory Issues*

After: *Business Law*

Rationale: The title 'Business Law' better describes the course content.

Course #20 MGM400H5 Strategic Management in a Competitive Environment

Before: *Special Topics in* Management

After: *Strategic* Management *in a Competitive Environment*

Rationale: This is a capstone course for the Management students. It is listed as a Special Topics course and should have a permanent course name.

Course #21 MGT437H5 Strategy and Governance

Before: *Corporate* Governance

After: *Strategy and* Governance

Rationale: We are proposing to change the title of this course from Corporate Governance to Strategy and Governance in order to emphasize the role of strategic economic decision-making within corporations.

Course #22 PSY352H5 Animal Behaviour

Before: *Introduction to* Animal Behaviour

After: Animal Behaviour

Rationale: This will not be an introductory course anymore now that it is moved to 3rd year.

Course #23 PSY355H5 Animal Behaviour Genetics

Before: *Introduction to* Animal Behaviour Genetics

After: Animal Behaviour Genetics

Rationale: While course is an introduction to the topic it is not an introductory level course. We are hoping that will be clearer by elimination "Introduction" from the title but keeping it in the description.

Course #24 utm112H5 utmONE: Power and Danger of Expression

Before: utmONE: Power and Danger of *Art*

After:

utmONE: Power and Danger of *Expression*

Rationale: This name change broadens the pool of topics from which this course can draw from.

Course #25 utm191H5 utmONE Scholars: Science Meets Society

Before: utmONE Scholars: *Thinking Like a Scientist*

After: utmONE Scholars: *Science Meets Society*

Rationale: This name change more accurately reflects the course content.

Courses - Other Changes

Course #1 ANT102H5 Introduction to Sociocultural and Linguistic Anthropology

Before: Course Exclusion: **ANT100Y5**

After: Course Exclusion: **ANT100Y1, ANTA02H3**

Rationale: ANT100Y5 has not been taught for many years, so longer necessary to list (advice from the Registrar).

Update in course exclusions.

Course #2 ANT204H5 Sociocultural Anthropology

Before: Prerequisite: **ANT102H5/100Y5 Course** Exclusion: **ANT204Y5**

After: Prerequisite: **ANT102H5 Course** Exclusion: **ANT204Y5, ANT207H1, ANTB19H3**

Rationale: ANT100Y5 has not been taught for many years, so no longer necessary to list (advice from Registrar).

Update in course exclusions

Course #3 ANT206H5 Culture and Communication

Before: Prerequisite: **ANT102H5/100Y5 Course** Exclusion: **ANT206Y5**

After: Prerequisite: **ANT102H5 Course** Exclusion: **ANT206Y5, ANT253H1, ANTB21H3**

Rationale: ANT100Y5 has not been taught for many years, so no longer necessary to list (advice from Registrar).

Update in course exclusions.

Course #4 ANT335H5 Anthropology of Gender

Before: Course Exclusion: **ANT331Y5, 343Y1 Recommended** Preparation: **ANT203Y5**

After: Course Exclusion: **ANT331H5, ANT343Y1, ANT343H1 Recommended** Preparation: **ANT(202H5, 203H5)**

Rationale: Update in course exclusions and recommended preparation -ANT203Y5 divided into two half courses.

Course #5 ANT350H5 Globalization and the Changing World of Work

Before: Course Exclusion:

After: Course Exclusion: **ANT350H1**

Rationale: Update in course exclusion.

Course #6 ANT351H5 Money, Markets, Gifts: Topics in Economic Anthropology

Before: Course Exclusion:

After: Course Exclusion: **ANT378H1, ANTC19H3, ANTC20H3**

Rationale: Update in course exclusions.

Course #7 ANT352H5 Protest, Power and Authority: Topics in Political Anthropology

Before: Course Exclusion:

After: Course Exclusion: **ANTC32H3**

Rationale: Update in course exclusion.

Course #8 ANT357H5 Nature, People and Power: Topics in Environmental Anthropology

Before: Course Exclusion: ANT457H5

After: Course Exclusion: **ANT351H1**, ANT457H5

Rationale: Update in course exclusions.

Course #9 ANT358H5 Field Methods in Sociocultural and/or Linguistic Anthropology

Before: Course Exclusion:

After: Course Exclusion: **ANT369H1, ANTC60H3**

Rationale: Update in course exclusions.

Course #10 ANT360H5 Anthropology of Religion

Before: Course Exclusion: **ANT209Y5, JAR360H5**

After: Course Exclusion: **ANT356H1, ANTC33H3**

Rationale: Update in course exclusions.

Course #11 ANT363H5 Magic and Science

Before: Prerequisite:

After: Prerequisite: **ANT204H5/ANT207H5/ANT204Y5**

Rationale: Update in course prerequisite. This change was made at the request of the course instructor.

Course #12 ANT431H5 Special Problems in Sociocultural or Linguistic Anthropology

Before: Prerequisite: **P.I.**

After: Prerequisite: **1.0 credits in 300 level anthropology courses and departmental approval.**

Rationale: Clarify experience level and close loophole by which students jump to this class with only 200-level course background.

Course #13 ANT432H5 Special Seminar in Anthropology

Before: Prerequisite: **P.I.**

After: Prerequisite: **1.0 credits in 300 level anthropology courses and departmental approval.**

Rationale: Clarify experience level and close loophole by which students jump to this class with only 200-level course background.

Course #14 ANT460H5 Theory in Sociocultural Anthropology

Before: Course Exclusion:

After: Course Exclusion: **ANTD24H3**

Rationale: Update in course exclusion.

Course #15 BIO477H5 Molecular Biology of Gene Expression and Cancer

Before: Recommended Preparation: BIO314H5, **315H5**

After: Recommended Preparation: BIO314H5, **BIO315H5**

Rationale: Changes made to make pre-requisites more clear to students.

Course #16 CCT210H5 Signs, Referents, and Meaning

Before: Course Exclusion: **VIC120Y1, CCT213H5**

After: Course Exclusion: **CCT213H5, VIC223Y1**

Rationale: Have replaced VIC120Y1 with VIC223Y1 Signs, Meanings and Culture which is more closely related to the content of CCT210H5 and CCT213H5.

Course #17 CCT213H5 Meaning and Interpretation (IDM)

Before: Course Exclusion: **CCT210H5**

After: Course Exclusion: **CCT210H5, VIC223Y1**

Rationale: Have replaced VIC120Y1 with VIC223Y1 Signs, Meanings and Culture which is more closely related to the content of CCT213H5 and CCT210H5.

Course #18 CCT224H5 Performance Assessment (DEM)

Before: Prerequisite: **MGM101H5**

After: Prerequisite: **CCT109H5, CCT110H5**

Rationale: Changed MGM101H5 to CCT109H5 and CCT110H5 so that the course is made possible for CCIT Major students to take as well as DEM students.

Course #19 CCT225H5 Information Systems (DEM)

Before: Prerequisite: **MGM101H5**; CCT224H5 **Course** Exclusion: CCT325H5; MGM371H5; **MGT371H5**

After: Prerequisite: CCT224H5

Course Exclusion: CCT325H5; MGM371H5; **MGT371H5, RSM327H1, MGAC70H3**

Rationale: MGM101H5 is not required. CCT224H5 is a sufficient prerequisite for this course. The course content of CCT225H5 is similar to RSM327H1, MGAS70H3.

Course #20 CCT304H5 Visual Rhetoric and Digital Environments

Before: Prerequisite: CCT210H5/CCT213H5

After: Prerequisite: **CCT204H5**, CCT210H5/CCT213H5

Rationale: Students are required to submit multimodal assignments that require design skills and some basic Photoshop or Illustrator.

Course #21 CCT308H5 Advanced Research Methodologies

Before: Course Exclusion:

After: Course Exclusion: **CCT309H5**

Rationale: Added the exclusion, CCT309H5. This course will become a required course for students other than IDM students wishing to take the proposed Combined ICCIT/MI program.

Course #22 CCT310H5 Mass Communication and Popular Culture

Before: Prerequisite: CCT210H5/CCT213H5

After: Prerequisite: **CCT204H5**, CCT210H5/CCT213H5

Rationale: Students are required to submit multimodal assignments that require design skills and some basic Photoshop or Illustrator.

Course #23 CCT322H5 Marketing Information Products and Services (DEM)

Before: Prerequisite: **MGM101H5**; CCT224H5
After: Prerequisite: CCT224H5
Rationale: Removed the tutorial for this course as it is not applicable to the lecture material being taught. CCT224H5 is a sufficient prerequisite for this course. .

Course #24 CCT405H5 Individual Project

Before: Prerequisite: Completion of 13.0 **credits and CCT400H5 (Advanced Project)**
After: Prerequisite: Completion of 13.0 **credits.**
Rationale: It has been several years that we have waived the prerequisite of CCT400 for this course. It is no longer required.

Course #25 CCT413H5 Work Integrated Learning (IDM)

Before: Prerequisite: **Permission of Instructor**
After: Prerequisite: **A minimum of 13.0 credits.**
Rationale: Removed "permission of instructor" and replaced it with a minimum of 13.0 credits. This is a required course therefore permission of instructor isn't appropriate. However, we do want to ensure that students do not take the course prior to completing 13.0 credits.

Course #26 CHM110H5 Chemical Principles 1

Before: Course Exclusion: CHM139H1, **151Y1, 140Y5**, CHMA11H3
After: Course Exclusion: CHM139H1, **151Y1; CHM140Y5**; CHMA11H3
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #27 CHM120H5 Chemical Principles 2

Before: Course Exclusion: **CHM151Y1, 140Y5**, CHMA10H3
After: Course Exclusion: **CHM138H1, 151Y1; CHM140Y5**; CHMA10H3
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #28 CHM211H5 Fundamentals of Analytical Chemistry

Before: Course Exclusion: **CHM217H1**
After: Course Exclusion: **CHM217H1; CHMB16H3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #29 CHM231H5 Inorganic Chemistry I

Before: Course Exclusion: **CHM238Y1**
After: Course Exclusion: **CHM238Y1; CHMB31H3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #30 CHM242H5 Introductory Organic Chemistry I

Before: Course Exclusion: **CHM138H1, CHMB41H3**
After: Course Exclusion: **CHM138H1; CHMB41H3, B43Y**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #31 CHM243H5 Introductory Organic Chemistry II

Before: Course Exclusion: CHM247H1, **249H1**, CHMB42H3
After: Course Exclusion: CHM247H1, **249H1**; CHMB42H3
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #32 CHM299Y5 Research Opportunity Program

Before: Course Exclusion:
After: Course Exclusion: **CHM299H1**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #33 CHM311H5 Instrumental Analytical Chemistry

Before: Course Exclusion: **CHM314Y1, 317H1**
After: Course Exclusion: **CHM317Y1; CHMC16H3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM. CHM314Y1 has been discontinued (replaced by CHM317Y1)

Course #34 CHM331H5 Inorganic Chemistry II: Advanced Inorganic Chemistry

Before: Course Exclusion: **CHM338H1**
After: Course Exclusion: **CHM338H1; CHMC31Y3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #35 CHM333H5 Bioinorganic Chemistry

Before: Course Exclusion: **CHM437H1**
After: Course Exclusion: **CHM437H1; CHMD69H3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #36 CHM341H5 Organic Chemistry: Mechanism and Structure

Before: Course Exclusion: **CHM348H1**
After: Course Exclusion: **CHM348H1; CHMC42H3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #37 CHM345H5 Organic Synthesis

Before: Course Exclusion: **CHM342H1**
After: Course Exclusion: **CHM342H1; CHMC42H3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #38 CHM347H5 Organic Chemistry of Biological Compounds

Before: Recommended Preparation: **CHM341H5/ 345H5**
After: Recommended Preparation:
Rationale: Recommended: CHM347H5 continues directly from the CHM243H5 prerequisite which provides all of the needed background and preparation for students to properly engage in CHM347H5. The proposed change may also serve to make the course more attractive and encourage more students to enroll in the course and, especially, to take it in their third year.

Course #39 CHM361H5 Structural Biochemistry

Before: Course Exclusion: BCH210H1, **242Y1**
After: Course Exclusion: BCH210H1, **242Y1, 311H1; BIOC12H3, CHMB62H3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #40 CHM362H5 Metabolism and Bioenergetics

Before: Course Exclusion: BCH210H1, **242Y1**
After: Course Exclusion: BCH210H1, **242Y1; BIOC13H3, CHMB62H3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #41 CHM399Y5 Research Opportunity Program

Before: Course Exclusion:
After: Course Exclusion: **CHM399H1**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #42 CHM442H5 Developments in Organic Chemistry

Before: Course Exclusion: **CHM440H1**
After: Course Exclusion:
Rationale: Overlap with CHM440H1 The Synthesis of Modern Pharma is present but probably too small to warrant exclusion

Course #43 CHM489Y5 Introduction to Research in Chemistry

Before: Course Exclusion: **CHM499Y1, JCB487Y5**
After: Course Exclusion: **CHM499Y1; JCB487Y5; CHMD90Y3**
Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #44 CSC104H5 The Why and How of Computing

Before: Course Exclusion: **SMC 104H1; VIC 104H1;** any CSC course
After: Course Exclusion: any CSC course
Rationale: Tidying up old exclusions.

Course #45 CSC108H5 Introduction to Computer Programming

Before: Course Exclusion: **CSC120H1,148H5, 150H1**
After: Course Exclusion: **CSC108H1,120H1,148H5, 148H1, 150H1,CSCA08H3,CSCA20H3**
Rationale: Adding St. George or Scarborough exclusion course(s) and tidying up old exclusions and prerequisites.

Course #46 CSC148H5 Introduction to Computer Science

Before: Course Exclusion: **CSC150H1**
After: Course Exclusion: **CSC148H1, 150H1,165H1, CSCA48H3,CSCA67H3**
Rationale: Adding St. George or Scarborough exclusion course(s) and tidying up old exclusions and prerequisites

Course #47 CSC207H5 Software Design

Before: Course Exclusion:
After: Course Exclusion: **CSC207H1, CSCB07H3**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #48 CSC209H5 Software Tools and Systems Programming

Before: Course Exclusion: **CSC369H5**

After: Course Exclusion: **CSC209H1, CSCB09H3**

Rationale: Adding St. George or Scarborough exclusion course(s) and tidying up old exclusions.

Course #49 CSC236H5 Introduction to the Theory of Computation

Before: Course Exclusion: **CSC238H5, 240H1**

After: Course Exclusion: **CSC236H1, 240H1, CSCB36H3**

Rationale: Adding St. George or Scarborough exclusion course(s) and tidying up old exclusions and prerequisites.

Course #50 CSC258H5 Computer Organization

Before: Course Exclusion:

After: Course Exclusion: **CSC258H1, CSCB58H3**

Rationale: Adding St. George or Scarborough exclusion course(s)

Course #51 CSC263H5 Data Structures and Analysis

Before: Prerequisite: **CSC207H5/270H5, 236H5/238H5**; STA107H5/256H5 **Course Exclusion:**
CSC265H1, 378H5

After: Prerequisite: **CSC207H5, 236H5**; STA107H5/256H5
Course Exclusion: **CSC263H1, 265H1, CSCB63H3**

Rationale: Adding St. George or Scarborough exclusion course(s) and tidying up old exclusions and prerequisites.

Course #52 CSC290H5 Communication Skills for Computer Scientists

Before: Course Exclusion:

After: Course Exclusion: **CSC290H1**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #53 CSC300H5 Computers and Society

Before: Course Exclusion: **PSCD03H (Scarborough)**

After: Course Exclusion: **CSC300H1, CSCD03H3**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #54 CSC301H5 Introduction to Software Engineering

Before: Course Exclusion: **CSC340H5, 407H5**

After: Course Exclusion: **CSC301H1, CSCC01H3**

Rationale: Adding St. George or Scarborough exclusion course(s) and tidying up old exclusions.

Course #55 CSC309H5 Programming on the Web

Before: Course Exclusion:

After: Course Exclusion: **CSC309H1, CSCC09H3**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #56 CSC310H5 Information Theory

Before: Course Exclusion:

After: Course Exclusion: **CSC310H1**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #57 CSC318H5 The Design of Interactive Computational Media

Before: Course Exclusion:

After: Course Exclusion: **CSC318H1**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #58 CSC320H5 Introduction to Visual Computing

Before: Course Exclusion:

After: Course Exclusion: **CSC320H1**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #59 CSC321H5 Introduction to Neural Networks and Machine Learning

Before: Course Exclusion:

After: Course Exclusion: **CSC321H1**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #60 CSC324H5 Principles of Programming Languages

Before: Prerequisite: **CSC207H5/270H5, 236H5/238H5**, 290H5 **Course Exclusion:**

After: Prerequisite: **CSC207H5, 236H5**, 290H5
Course Exclusion: CSC324H1, CSCC24H3

Rationale: Adding St. George or Scarborough exclusion course(s) and tidying up old prerequisites.

Course #61 CSC338H5 Numerical Methods

Before: Course Exclusion: CSC336H1, **350H5**

After: Course Exclusion: CSC336H1, **350H5, 350H1, 351H1, CSCC37H3**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #62 CSC343H5 Introduction to Databases

Before: Course Exclusion:

After: Course Exclusion: **CSC343H1, CSCC43H3**

Rationale: Adding St. George or Scarborough exclusion course(s)

Course #63 CSC358H5 Principles of Computer Networks

Before: Course Exclusion:

After: Course Exclusion: **CSC358H1, 458H1**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #64 CSC363H5 Computational Complexity and Computability**Before:** Course Exclusion: **CSC364H5, 365H1****After:** Course Exclusion: **CSC373H1,375H1,CSCC63H3****Rationale:** Adding St. George or Scarborough exclusion course(s) and tidying up old exclusions and prerequisites.**Course #65 CSC369H5 Operating Systems****Before:** Course Exclusion:**After:** Course Exclusion: **CSC369H1, CSCC69H3****Rationale:** Adding St. George or Scarborough exclusion course(s).**Course #66 CSC373H5 Algorithm Design and Analysis****Before:** Prerequisite: **CSC263H5/378H5, 290H5** Course Exclusion: **CSC375H1, 364H5****After:** Prerequisite: **CSC263H5, 290H5**
Course Exclusion: **CSC373H1,375H1,CSCC73H3****Rationale:** Adding St. George or Scarborough exclusion course(s).**Course #67 CSC384H5 Introduction to Artificial Intelligence****Before:** Course Exclusion: **CSC484H1****After:** Course Exclusion: **CSC384H1,484H1,CSCD84H3****Rationale:** Adding St. George or Scarborough exclusion course(s).**Course #68 CSC404H5 Video Game Design****Before:** Course Exclusion:**After:** Course Exclusion: **CSC404H1****Rationale:** Adding St. George or Scarborough exclusion course(s).**Course #69 CSC411H5 Machine Learning and Data Mining****Before:** Course Exclusion:**After:** Course Exclusion: **CSC411H1, CSCC11H3****Rationale:** Adding St. George or Scarborough exclusion course(s).**Course #70 CSC448H5 Formal Languages and Automata****Before:** Prerequisite: **CSC236H5/238H5, 290H5, 363H5/364H5** Course Exclusion:**After:** Prerequisite: **CSC236H5, 290H5, 363H5**
Course Exclusion: **CSC448H1****Rationale:** Adding St. George or Scarborough exclusion course(s) and tidying up prerequisites**Course #71 CSC458H5 Computer Networks****Before:** Course Exclusion:**After:** Course Exclusion: **CSC458H1, CSCD58H3****Rationale:** Adding St. George or Scarborough exclusion course(s).

Course #72 CSC469H5 Operating Systems Design and Implementation

Before: Course Exclusion:
After: Course Exclusion: **CSC469H1**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #73 CSC490H5 Capstone Design Course

Before: Course Exclusion:
After: Course Exclusion: **CSC490H1, 491H1**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #74 CSC492H5 Computer Science Implementation Project

Before: Course Exclusion: CSC494H1, **495H1**
After: Course Exclusion: CSC494H1, **495H1, CSCD94H3, CSCD95H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #75 CSC493H5 Computer Science Expository Work

Before: Course Exclusion: CSC494H1, **495H1**
After: Course Exclusion: CSC494H1, **495H1, CSCD94H3, CSCD95H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #76 CTE100H5 Child and Adolescent Development in Education

Before: Course Exclusion:
After: Course Exclusion: **TED200H5**
Rationale: TED200H5 is listed as an exclusion and is the same course as CTE100H5. However, since CTEP and its courses are being phased out, the course will be re-named TED200H5 in 2014-15 for those who are granted entry into the proposed Teacher Education Minor. Entrance is granted only to those who are in Year 2 of study and meet the admissions criteria.

Course #77 CTE200H5 Equity and Diversity in Education

Before: Course Exclusion:
After: Course Exclusion: **TED210H5**
Rationale: TED210H5 is listed as an exclusion and is the same course as CTE200H5. However, since CTEP and its courses are being phased out, the course will be re-named TED210H5 in 2014-15 for those who are granted entry into the proposed Teacher Education Minor. Entrance is granted only to those who are in Year 2 of study and meet the admissions criteria.

Course #78 CTE250H5 Communication and Conflict Resolution

Before: Course Exclusion:
After: Course Exclusion: **TED220H5**
Rationale: TED220H5 is listed as an exclusion and is the same course as CTE100H5. However, since CTEP and its courses are being phased out, the course will be re-named TED220H5 in 2014-15 for those who are granted entry into the proposed Teacher Education Minor. Entrance is granted only to those who are in Year 2 of study and meet the admissions criteria.

Course #79 DTS202H5 Introduction to Diaspora and Transnational Studies II

Before: Prerequisite: **DTS201H5**
After: Prerequisite:

Rationale: The DTS201 and DTS202 are taught as different themes and can be taken independently.

Course #80 ECO200Y5 Microeconomic Theory

Before: Course Exclusion: **ECO204Y5,205H5,206Y5**

After: Course Exclusion: **ECO204Y5,205Y5,206Y5**

Rationale: Changed Exclusion course 205H5 to 205Y5 to correct typo.

Course #81 ECO220Y5 Quantitative Methods in Economics

Before: Course Exclusion: BIO360H5, 361H5; ECO227Y5; MAT(123H1, 124H1); STA218H5, 220H5, 221H5, **STA250H1, 248H5/258H5, 255H1, 257H5/256H5, 261H5/260H5; PSY201H5, 202H5; SOC350H5, 351H5**

After: Course Exclusion: BIO360H5, 361H5; ECO227Y5; MAT(123H1, 124H1); STA218H5, 220H5, 221H5, **STA250H1,255H1,STA(257H5/256H5,258H5)/STA(257H5/256H5, 261H5/260H5); PSY201H5,202H5;SOC350H5,351H5**

Rationale: Replaced STA courses removed from Exclusions in error last year.

Course #82 ECO220Y5 Quantitative Methods in Economics

Before: Course Exclusion: BIO360H5, 361H5; ECO227Y5; MAT(123H1, 124H1); STA218H5, 220H5, 221H5, **STA250H1, 248H5/258H5, 255H1, 257H5/256H5, 261H5/260H5; PSY201H5, 202H5; SOC350H5, 351H5**

After: Course Exclusion: BIO360H5, 361H5; ECO227Y5; MAT(123H1, 124H1); STA218H5, 220H5, 221H5, **STA250H1,255H1,STA(257H5/256H5,258H5)/STA(257H5/256H5, 261H5/260H5); PSY201H5,202H5;SOC350H5,351H5**

Rationale: Replaced STA courses removed from Exclusions in error last year.

Course #83 ECO400Y5 Economics Internship

Before: Prerequisite: Fourth year standing in an Economics Program; **3.0** CGPA (**Recommended CGPA** to be determined **annually**)

After: Prerequisite: Fourth year standing in an Economics Program; **recommended** CGPA to be determined **annually. Acceptance will be based on a combination of CGPA, experience, qualifications and interview performance.**

Rationale: Removed 3.0 CGPA as the recommended CGPA will be determined annually.

Course #84 ECO412Y5 Public Economics

Before: Course Exclusion: **ECO236Y1**

After: Course Exclusion:

Rationale: Remove Special Topics from title as this will become regular course.
Remove Exclusion ECO236Y1 as this course no longer exists.

Course #85 ENV250Y5 Environmental Politics in Canada

Before: Course Exclusion: **POL250Y**

After: Course Exclusion: **POL250Y5, ENV320H1**

Rationale: added STG exclusion

Course #86 ENV332H5 Practicum in Environmental Project Management

Before: Prerequisite: **2nd-year standing** in any of the Environment Specialist or Major Programs with a CGPA of 2.00 or **higher or PI. Course** Exclusion:

After: Prerequisite: **13 credits &** in any of the Environment Specialist or Major Programs with a CGPA of 2.00 or **higher; completion of any Research Methods course (e.g., GGR277H5). Course** Exclusion: **ENV232H5**

Rationale:

Course #87 ENV332H5 Practicum in Environmental Project Management

Before: Prerequisite: **2nd-year standing** in any of the Environment Specialist or Major Programs with a CGPA of 2.00 or **higher or PI. Course** Exclusion:

After: Prerequisite: **13 credits &** in any of the Environment Specialist or Major Programs with a CGPA of 2.00 or **higher; completion of any Research Methods course (e.g., GGR277H5). Course** Exclusion: **ENV232H5**

Rationale:

Course #88 ERS103H5 Geology and Public Issues

Before: Course Exclusion:

After: Course Exclusion: **(St.G) ESS103H1, 102H1; (UTSC) EESA05H3, A06H3, B15H3**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #89 ERS120H5 Planet Earth

Before: Course Exclusion:

After: Course Exclusion: **(St.G) ESS102H1, 105H1; (UTSC) EESA07H3, B15H3**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #90 ERS201H5 Earth Materials

Before: Course Exclusion:

After: Course Exclusion: **(St.G) ESS221H1; (UTSC) EESC35H3**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #91 ERS202H5 Dynamic Earth

Before: Course Exclusion:

After: Course Exclusion: **(St.G) ESS241H1**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #92 ERS203H5 Rock Forming Processes

Before: Course Exclusion:

After: Course Exclusion: **(St.G) ESS222H1**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #93 ERS313H5 Sedimentology

Before: Course Exclusion: **None**

After: Course Exclusion: **(St.G) ESS331H1, 332H1**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #94 ERS315H5 Environmental Geology

Before: Course Exclusion:

After: Course Exclusion: **(St.G) ESS205H1, JEE337H1; (UTSC) EESA05H3**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #95 ERS319H5 Earth Resources

Before: Course Exclusion:

After: Course Exclusion: **none**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #96 ERS321H5 Past and Present Global Change

Before: Course Exclusion:

After: Course Exclusion: **(St.G) ESS205H1, 461H1; (UTSC) EESB03H3**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #97 ERS325H5 Field Camp I

Before: Course Exclusion: **GLG340H1**

After: Course Exclusion: **(St.G) ESS330; (UTSC) ESSC16H3, D07H3**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #98 ERS470Y5 Research Thesis

Before: Course Exclusion: **ERS471H5/472H5**

After: Course Exclusion: **(UTM) ERS471H5, 472H5; (St.G) ESS492Y1; (UTSC) EESD09H3, D10Y3**

Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #99 ERS471H5 Research Project

Before: Course Exclusion: **ERS470Y5**
After: Course Exclusion: **(UTM) ERS470Y5; (St.G) ESS491H1, 492Y1; (UTSC) EESD09H3, D10Y3**
Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #100 ERS472H5 Research Project

Before: Course Exclusion: **ERS470Y5**
After: Course Exclusion: **(UTM) ERS470Y5; (St.G) ESS491H1, 492Y1; (UTSC) EESD09H3, D10Y3**
Rationale: Exclusion: All GLG course numbers have been replaced by the equivalent ESS course numbers. St. George Geology department have changed the department name from Geology to Earth Sciences (ESS), therefore they have re-named their courses from GLG to ESS.

Course #101 FSC315H5 Forensic Biology

Before: Prerequisite: **BIO215H5**
After: Prerequisite: **BIO206H5, 207H5**
Rationale: Prerequisite changes to reflect the deletion of BIO215H5.

Course #102 FSC481Y5 Internship in Forensic Science

Before: Prerequisite: Enrolment in Forensic Science Specialist or Major ; completion of the statistics course(s) requirement(s) within the student's Forensic Science Program (ie. **STA220H5**, STA221H5 / BIO360H5, BIO361H5 / PSY201, **PSY202H5**) and permission of instructor.
After: Prerequisite: Enrolment in Forensic Science Specialist or Major ; completion of the statistics course(s) requirement(s) within the student's Forensic Science Program (ie. **STA215H5, 220H5**, STA221H5 / BIO360H5, BIO361H5 / PSY201, **PSY202H5**); **FSC300H5,302H5** and permission of instructor.
Rationale: Add STA215H5 to list of "Student's FSC Program required STATS course(s)" to reflect STAT change.
 Add FSC300H5 & 302H5 (Forensic Ident program required courses) to ensure that students have taken the required Forensic Identification courses prior to their required 4th year internship course --all students require the knowledge and skills in these Ident courses before being placed/assigned an internship placement within a police agency.

Course #103 GGR209H5 Economic Geography

Before: Course Exclusion:
After: Course Exclusion: **GGR220H1, GGRC27H3**
Rationale: added course exclusions

Course #104 GGR276H5 Spatial Data Analysis and Mapping

Before: Course Exclusion:
After: Course Exclusion: **GGR270H1**
Rationale: ADDED COURSE EXCLUSION

Course #105 GGR305H5 Biogeography

Before: Course Exclusion:

After: Course Exclusion: **GGR305H1**

Rationale: added exclusion course from STG

Course #106 GGR337H5 Environmental Remote Sensing

Before: Course Exclusion:

After: Course Exclusion: **GGR337H1**

Rationale: added course exclusion

Course #107 GGR379H5 Field Methods in Physical Geography

Before: Prerequisite: **Any 3.0 courses drawn from one or more of the following : Physical Geography, Earth Sciences and Biology or PI.**

After: Prerequisite: **4.0 science credits of which 2.0 must be GGR/ENV courses.**

Rationale: previous

Course #108 GGR407H5 Ecohydrology

Before: Prerequisite: GGR315H5 or GGR217H5 **and** one of **GGR305H5/307H5/309H5/BIO311H5/BIO330H5**

After: Prerequisite: GGR315H5 or **a combination of** GGR217H5 **plus** one of **GGR305H5/307H5/309H5/374/BIO311H5/BIO330H5**

Rationale: same requirements better worded.

Course #109 GGR418H5 Geopolitics

Before: Prerequisite: Completion of 3rd year requirements for GGR Specialist or Major Arts **programs including GGR208H5, GGR318H5, GGR361H5 or GGR365H5.**

After: Prerequisite: Completion of 3rd year requirements for GGR Specialist or Major Arts **programs.**

Rationale: Prerequisite Changes - removed "including GGR208H5, GGR361H5 or GGR365H5" these are covered by the 3rd. year requirements for GGR

Course #110 HSC301H5 Data and Information Visualization

Before: Prerequisite: **HSC200H5 Course** Exclusion: **Recommended** Preparation:

After: Prerequisite: **ANT101H5 / BIO152H5 / CCT260H5 Course** Exclusion: **CCT470H5 Recommended** Preparation: **HSC200H5 (strongly recommended)**

Rationale: While the quality of the students and the work that was produced in this course was noticeably stronger with the HSC200 pre-requisite, the current size of the HSC200H5 course does not allow for a large enough pool for students to move into this course. As a result, the course has seen a significant drop in numbers the last two years that HSC200 has been a pre-requisite. The previous pre-requisites are being put back in place while a plan to expand HSC200 is implemented. By 2015-16, there should be a much larger cohort of students that have HSC200 completed and it will put back in as the pre-requisite for this course.

Course #111 HSC401H5 Health and Science Communication Design

Before: Prerequisite: **HSC200H5 Recommended** Preparation:

After: Prerequisite: **ANT101H5 / BIO152H5 / CCT260H5 Recommended** Preparation: **(strongly recommended) HSC200H5**

Rationale:

While the quality of the students and the work that was produced in this course was noticeably stronger with the HSC200 pre-requisite, the current size of the HSC200H5 course does not allow for a large enough pool for students to move into this course. As a result, the course has seen a significant drop in numbers the last two years that HSC200 has been a pre-requisite. The previous pre-requisites are being put back in place while a plan to expand HSC200 is implemented. By 2015-16, there should be a much larger cohort of students that have HSC200 completed and it will put back in as the pre-requisite for this course.

Course #112 HSC405H5 Digital Forensic Facial Reconstruction

Before: Prerequisite: 10.0 completed credits including **ANT203Y5, 205H5/BIO210H5**

After: Prerequisite: 10.0 completed credits including **ANT203Y5 / AN205H5 / BIO210Y5**

Rationale: Current pre-requisites are from when BMC was part of CCIT and there was concern about student's ability to handle BIO content in course. Given the program's move to BIO and the requirement of BIO152 and BIO153 to the minor, students in the program should inherently have sufficient background knowledge and be successful if they complete any of the three courses as a pre-requisite.

Course #113 JAL353H5 Discourse Analysis/Conversation Structures

Before: Course Exclusion: **CCT307H5**

After: Course Exclusion: **CCT307H5, JAL353H1**

Rationale: Inclusion of A&S course exclusions.

Course #114 JBC472H5 Seminars in Biotechnology

Before: Prerequisite: BIO372H5; CHM361H5, **362H5/BIO315H5**

After: Prerequisite: BIO372H5; CHM361H5, **CHM362H5/BIO315H5**

Rationale: Changes made to make pre-requisites more clear to students.

Course #115 JCB487Y5 Advanced Interdisciplinary Research Laboratory

Before: Prerequisite: 2.0 credits 300 level from ~~BIO/CHM/JBC/JCP/PHY~~ and 1.0 credit from BIO215H5, 314H5, ~~CHM371H5, 391H5, 393H5~~, PHY324H5. The course is normally taken in ~~the student's fourth year. In order to enroll~~ in this course, students must obtain approval from the faculty member(s) who will serve as the supervisor(s) several months in advance of the start of the course. ~~Course~~ Exclusion: BIO481Y5, CBJ481Y5, CHM489Y5, CHM499Y1, ~~PHY489Y5~~

After: Prerequisite: 2.0 credits 300 level from BIO/CHM/JBC/JCP/ERS/ESS/PHY and 1.0 credit from BIO215H5, 314H5, (CHM372H5, 373H5)/(394H5, 395H5)/(396H5, 397H5), ERS201H5, 202H5, PHY324H5. The course is normally taken in student's 4th yr. To register in this course, students must obtain approval from the faculty member(s) who will serve as the supervisor(s) several months in advance of the start of the course. Course Exclusion: BIO481Y5, CBJ481Y5, CHM489Y5, ERS470Y5, 471H5, 472H5, PHY489Y5; BCH472Y1, 473Y1, CHM499Y1, CSB497H1, 498H1, 499Y1, ESS491H1, 492Y1, MGY480Y1, PHY478H1, 479H1; BIOD98Y3, CHMD90Y3, 91H3, ESSD09H3, 10H3, PSCD10H3

Rationale: To expand the breadth of AIRLab projects to include in Earth Science students-starting 2014-2015. Exclusion: Add St. G and UTSC excl. as requested by Dean-UTM. Prereq: CHM371-391-393 (8mth courses) split into two new half credit courses each, both parts of each split course must be taken. Students choose 1 of 3-two part courses. Final Notes: Grading part removed-to be explained within the course.

Course #116 JCP221H5 Thermodynamics and Kinetics

Before: Course Exclusion: **CHM221H5, 220H1, 221H1, 225Y1**

After: Course Exclusion: **CHM220H1, 221H1, 225Y1; CHM221H5; CHMB20H3**

Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM

Course #117 JCP321H5 Introduction to Quantum Mechanics

Before: Course Exclusion: **CHM326H1, 327Y1**

After:

Course Exclusion: **CHM326Y1, PHY256H1, 356H1; PHYB56H3, C56H3**

Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM.
CHM327Y1 is discontinued, therefore removed.

Course #118 JCP322H5 Introduction to Statistical Mechanics

Before: Course Exclusion: **CHM328H1, 327Y1**

After: Course Exclusion: **CHM328H1; CHMC20H3**

Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM.
CHM317Y1 is discontinued, therefore removed.

Course #119 JCP421H5 Quantum Mechanics

Before: Course Exclusion:

After: Course Exclusion: **PHYC563H3**

Rationale: Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM.
Final Notes: Course is offered in alternate years.

Course #120 JCP422H5 NMR Spectroscopy

Before: Course Exclusion: **CHM422H5**

After: Course Exclusion:

Rationale: CHM422H5 - deleted; Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic at UTM.
Final Notes: Course is offered in alternate years.

Course #121 LIN256H5 Sociolinguistics

Before: Course Exclusion:

After: Course Exclusion: **LINB20H3.**

Rationale: Inclusion of UTSC course exclusion.

Course #122 MAT102H5 Introduction to Mathematical Proofs

Before: Course Exclusion:

After: Course Exclusion: **MAT138H1,246H1,CSC165H1**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #123 MAT133Y5 Calculus and Linear Algebra for Commerce

Before: Course Exclusion: **MAT132Y5/134Y5/135Y5/137Y5/138Y5**

After: Course Exclusion: **MAT134Y5,135Y5,137Y5,133Y1, 135Y1,135H1,136H1, 137Y1, 157Y1, MATA30H3, MATA31H3, MATA32H3, MATA33H3 ,MATA35H3, MATA36H3, MATA37H3**

Rationale: -These are old courses not offered since 2005.
-Adding St. George or Scarborough exclusion course(s).

Course #124 MAT134Y5 Calculus for Life Sciences

Before: Course Exclusion: **MAT132Y5, 133Y5, 135Y5, 137Y5, 138Y5**

After: Course Exclusion: **MAT133Y5, 135Y5, 137Y5, 133Y1, 135Y1,135H1,136H1, 137Y1, 157Y1, MATA30H3, MATA31H3, MATA32H3, MATA33H3 ,MATA35H3, MATA36H3,**

MATA37H3

Rationale: -These are old courses not offered since 2005.
 -Adding St. George or Scarborough exclusion course(s).

Course #125 MAT135Y5 Calculus

Before: Course Exclusion: **MAT132Y5, 133Y5, 134Y5, 137Y5, 138Y5**

After: Course Exclusion: **MAT133Y5, 134Y5, 137Y5,133Y1, 135Y1,135H1,136H1, 137Y1, 157Y1, MATA30H3, MATA31H3, MATA32H3, MATA33H3 ,MATA35H3, MATA36H3, MATA37H3**

Rationale: -These are old courses not offered since 2005.
 - Adding St. George or Scarborough exclusion course(s).

Course #126 MAT137Y5 Calculus

Before: Course Exclusion: **MAT132Y5, 133Y5, 134Y5, 135Y5, 138Y5**

After: Course Exclusion: **MAT133Y5, 134Y5, 135Y5, 133Y1, 135Y1,135H1,136H1, 137Y1, 157Y1, MATA30H3, MATA31H3, MATA32H3, MATA33H3 ,MATA35H3, MATA36H3, MATA37H3**

Rationale: -These are old courses not offered since 2005.
 - Adding St. George or Scarborough exclusion course(s).

Course #127 MAT202H5 Introduction to Discrete Mathematics

Before: Course Exclusion:

After: Course Exclusion: **MAT332H1,MATC32H3**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #128 MAT212H5 Modeling with Differential Equations in Life Sciences and Medicine

Before: Course Exclusion: MAT242H5, **258Y5**

After: Course Exclusion: MAT242H5, **244H5, 244H1, MATB44H3**

Rationale: -Tyding up old exclusion.
 -Adding St. George or Scarborough exclusion course(s).

Course #129 MAT223H5 Linear Algebra I

Before: Course Exclusion: **MAT222H5, 248Y5**

After: Course Exclusion: **MAT223H1,188H1,MATA23H3**

Rationale: - MAT248Y5 is an old course not offered since 2004.
 - MAT222H5 is an old course not offered since 2005.
 - Adding St. George or Scarborough exclusion course(s).

Course #130 MAT224H5 Linear Algebra II

Before: Course Exclusion: **MAT248Y5**

After: Course Exclusion: **MAT248Y5, 224H1,MATB24H3**

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #131 MAT232H5 Calculus of Several Variables

Before: Prerequisite: **MAT132Y5/134Y5/135Y5/137Y5 Course** Exclusion: MAT138Y5, **233H5**.
After: Prerequisite: **MAT134Y5/135Y5/137Y5 Course** Exclusion: MAT138Y5, **233H5,235Y1, 237Y1,257Y1,MATB41H3**
Rationale: -These are old courses not offered since 2005.
 - Adding St. George or Scarborough exclusion course(s).

Course #132 MAT233H5 Calculus of Several Variables

Before: Course Exclusion: MAT138Y5, **232H5**
After: Course Exclusion: MAT138Y5, **232H5, 235Y1, 237Y1,257Y1, MATB41H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #133 MAT236H5 Vector Calculus

Before: Course Exclusion: **MAT368H5**
After: Course Exclusion: **MAT368H5,235Y1, 237Y1,257Y1,MATB42H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #134 MAT244H5 Differential Equations I

Before: Course Exclusion: MAT212H5, 242H5, **258Y5**
After: Course Exclusion: MAT212H5, 242H5, **244H5, 244H1,MATB44H3**
Rationale: -Tyding up old exclusion.
 - Adding St. George or Scarborough exclusion course(s).

Course #135 MAT301H5 Groups and Symmetries

Before: Prerequisite: MAT102H5, **224H5/248Y5 Course** Exclusion:
After: Prerequisite: MAT102H5, **202H5/224H5 Course** Exclusion: **MAT301H1, MATC01H3**
Rationale: - Either courses MAT224H5 and MAT202H5 provide adequate preparation for MAT301H5.
 - Adding St. George or Scarborough exclusion course(s).

Course #136 MAT302H5 Introduction to Algebraic Cryptography

Before: Course Exclusion: **CSC322H5**
After: Course Exclusion: **CSC322H5, MATC16H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #137 MAT309H5 Introduction to Mathematical Logic

Before: Course Exclusion: **CSC438H1**
After: Course Exclusion: **CSC438H1,309H1,MATC09H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #138 MAT311H5 Partial Differential Equations

Before: Corequisite: **MAT236H5 Course** Exclusion:
After: Corequisite: **MAT236H5/368H5**

Course Exclusion: *APM346H1, 351Y1, MATC46H3*

Rationale: - The old course code for MAT236H5 was MAT368H5.
 - Adding St. George or Scarborough exclusion course(s).

Course #139 MAT315H5 Introduction to Number Theory

Before: Course Exclusion:

After: Course Exclusion: *MAT315H1, MATC15H3*

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #140 MAT332H5 Introduction to Nonlinear Dynamics and Chaos

Before: Course Exclusion: *MAT335H1*

After: Course Exclusion: *MAT335H1, MATC35H3*

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #141 MAT334H5 Complex Variables

Before: Course Exclusion:

After: Course Exclusion: *MAT334H1, 354H1, MATC34H3*

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #142 MAT344H5 Introduction to Combinatorics

Before: Course Exclusion:

After: Course Exclusion: *MAT344H1, MATC44H3*

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #143 MAT378H5 Introduction to Analysis

Before: Course Exclusion:

After: Course Exclusion: *MAT337H1, 357H1, MATB43H3, MATC37H3*

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #144 MAT382H5 Mathematics for Teachers

Before: Course Exclusion:

After: Course Exclusion: *MAT329Y1, MATC82H3*

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #145 MAT392H5 Ideas of Mathematics

Before: Course Exclusion:

After: Course Exclusion: *MATC90H3*

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #146 MAT401H5 Polynomial Equations and Fields

Before: Course Exclusion:

After: Course Exclusion: *MAT347Y1, 401H1, MATD01H3*

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #147 MAT402H5 Classical Geometries

Before: Course Exclusion: **MAT365H5**
After: Course Exclusion: **MAT402H1, MATD02H3**
Rationale: -Tying up old exclusions.
 - Adding St. George or Scarborough exclusion course(s).

Course #148 MAT405H5 Introduction to Topology

Before: Course Exclusion: **MAT327H1**
After: Course Exclusion: **MAT327H1, MATC27H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #149 MAT406H5 Mathematical Introduction to Game Theory

Before: Course Exclusion:
After: Course Exclusion: **ECO316H1**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #150 MGM101H5 Introduction to Management Functions

Before: Course Exclusion: COM110H1, **MGM100Y5, MGT100Y5**, MGTA02Y3, **MGTA03H3**
After: Course Exclusion: COM110H1, MGTA02Y3, **MGTA03H3, RSM100Y1**
Rationale: RSM100Y1 is a similar course to MGM101H5.
 MGM100Y5 and MGT100Y5 are no longer offered.

Course #151 MGM102H5 Management in a Changing Environment

Before: Course Exclusion: **MGM100Y5, MGT100Y5**, MGTA02Y3, **MGTA04H3**
After: Course Exclusion: MGTA02Y3, **MGTA04H3, RSM100Y1**
Rationale: The course content of RSM100Y1 is similar to MGM102H5.
 MGM100Y5 and MGT100Y5 are no longer offered.

Course #152 MGM200H5 Analysis for Decision and Control

Before: Course Exclusion: **MGT200H5**
After: Course Exclusion: **MGOC10H3**
Rationale: The course content of MGOC10H3 is similar to MGM200H.
 MGT200H5 changed to MGM200H in 1999.

Course #153 MGM221H5 Accounting Fundamentals I

Before: Course Exclusion: MGT120H5, **MGM220Y5**
After: Course Exclusion: MGT120H5, **MGT201H1, MGAB01H3, RSM219H1**
Rationale: The course content of MGM221H5 is similar to MGT201H1, MGAB01H3, RSM219H1.
 MGM220Y5 is no longer offered.

Course #154 MGM222H5 Accounting Fundamentals II

Before: Course Exclusion: **MGM220Y5, MGT223H5**

After: Course Exclusion: **MGT223H5, RSM222H1, MGAB03H3**

Rationale: The course content of RSM222H1, MGAB03H3 is similar to MGM222H5. MGM220Y5 is no longer offered.

Course #155 MGM230H5 Finance

Before: Course Exclusion: CCT321H5; **MGT337Y5, 338H5**

After: Course Exclusion: CCT321H5; **MGT338H5, RSM332H1, MGFB10H3**

Rationale: The course content of MGM230H5 is similar to RSM332H1 and MGFB10H3.

MGT337Y is no longer offered.

Course #156 MGM290H5 Business Law

Before: Course Exclusion: MGT393H5, 394H5, **423H5, 429H5**

After: Course Exclusion: MGT393H5, 394H5, **RSM225H1, MGSC32H3.**

Rationale: The course content of MGM290H5 is similar to RSM225H1, MGSC32H3.

There is no longer a tax segment in the course hence the removal of MGT423H5 (Tax I) and MGT429H5 (Tax II).

Course #157 MGM300H5 Organizational Behaviour

Before: Course Exclusion: CCT324H5; ERI260H5; MGT262H5, **MGM362H5**; PSY332H1; **WDW260Y5, 260H5**

After: Course Exclusion: CCT324H5; ERI260H5; MGT262H5, PSY332H1; **WDW260H1, RSM260H1, MGIB02H3.**

Rationale: The course content of MGM300H5 is similar to RSM260H1, MGIB02H3, WDW260H1.

MGM362H5, WDW260H5, 260Y5 are no longer offered.

Course #158 MGM320H5 Financial Reporting

Before: Course Exclusion: MGT224H5, **322H5**

After: Course Exclusion: MGT224H5, **322H5, RSM221H1, MGAC01H3.**

Rationale: The course content of MGM320H5 is similar to RSM221H1, MGAC01H3.

Course #159 MGM331H5 Investments

Before: Course Exclusion: **MGT330H5**

After: Course Exclusion: **MGT330H5, RSM330H1, MGFD10H3.**

Rationale: The course content of MGM331H5 is similar to RSM330H1, MGFD10H3.

Course #160 MGM332H5 Managerial Finance

Before: Prerequisite: **MGM230H5/MGT230H5** Course Exclusion: MGT338H5, 339H5, **337Y5**

After: Prerequisite: **MGM230H5**
Course Exclusion: MGT338H5, 339H5, **RSM333H1, MGFC10H3**

Rationale: The course content of MGM332H5 is similar to RSM333H1, MGFC10H3.

MGT337Y5 is no longer offered.

MGT230H5 changed to MGM230H5 in 2005.

Course #161 MGM371H5 Introduction to Information Systems

Before: Course Exclusion: **CCT325H5**; CSC340H5; **MGT371H5**
After: Course Exclusion: **CCT225H5**; CSC340H5; **MGT371H5, RSM327H1, MGAC70H3**
Rationale: The course content of MGM371H5 is similar to RSM327H1, MGAC70H3.
 CCT323H5 is now CCT225H5

Course #162 MGT120H5 Financial Accounting I

Before: Course Exclusion: **MGM221H5**
After: Course Exclusion: **MGM221H5, MGT201H1, MGAB01H3, RSM219H1**
Rationale: The course content of MGT120H5 is similar to MGT201H1, MGAB01H3, RSM219H1

Course #163 MGT220H5 Financial Accounting II

Before: Course Exclusion:
After: Course Exclusion: **RSM220H1, MGAB02H3**
Rationale: The course content of MGT220H5 is similar to RSM220H1, MGAB02H3

Course #164 MGT223H5 Management Accounting I

Before: Course Exclusion: **RSM222H1**
After: Course Exclusion: **RSM222H1, MGAB03H3**
Rationale: The course content of MGT223H5 is similar to MGAB03H3

Course #165 MGT224H5 Financial Accounting Theory & Policy I

Before: Course Exclusion:
After: Course Exclusion: **RSM221H1, MGAC01H3**
Rationale: The course content of MGT224H5 is similar to RSM221H1, MGAC01H3

Course #166 MGT252H5 Principles of Marketing

Before: Course Exclusion: CCT322H5; **MGM252H5**
After: Course Exclusion: CCT322H5; **MGM252H5, RSM250H1, MGIA01H3**
Rationale: The course content of MGT252H5 is similar to RSM250H1, MGIA01H3

Course #167 MGT262H5 Individual and Group Behaviour in Organizations

Before: Course Exclusion: CCT324H5; ERI260H5; MGM300H5; PSY332H1; **WDW260Y5, 260H5**
After: Course Exclusion: CCT324H5; ERI260H5; MGM300H5; **MGIB02H3**; PSY332H1; **RSM260H1; WDW260H1**
Rationale: The course content of MGT262H5 is similar to RSM260H1, MGIB02H3, WDW260H1
 WDW260H5, 260Y5 are no longer offered.

Course #168 MGT321H5 Auditing

Before: Course Exclusion:
After: Course Exclusion: **RSM323H1**

Rationale: The course content of MGT321H5 is similar to RSM323H1

Course #169 MGT322H5 Financial Accounting Theory and Policy II

Before: Course Exclusion:

After: Course Exclusion: **RSM320H1, MGAC02H3**

Rationale: The course content of MGT322H5 is similar to RSM320H1, MGAC02H3

Course #170 MGT323H5 Managerial Accounting II

Before: Course Exclusion:

After: Course Exclusion: **RSM322H1, MGAC03H3**

Rationale: The course content of MGT323H5 is similar to RSM322H1, MGAC03H3

Course #171 MGT330H5 Investments

Before: Course Exclusion: **Recommended** Preparation: **MGT120H5**

After: Course Exclusion: **RSM330H1, MGFD10H3**
Recommended Preparation:

Rationale: The course content of MGT330H5 is similar to RSM330H1, MGFD10H3.

Students will have taken MGT120H5 therefore there's no need to list it under 'Recommended Preparation'

Course #172 MGT336H5 Security Analysis

Before: Prerequisite: Open to students in the Specialist Program ERSPE2034 (Commerce: Finance), in their third year or higher.

After: Prerequisite: **MGT338H5**. Open to students in the Specialist Program ERSPE2034 (Commerce: Finance), in their third year or higher.

Rationale: Students need to know the material covered in MGT338H5 Business Finance I before they take MGT336H5.

Course #173 MGT338H5 Business Finance I

Before: Course Exclusion: **CCT321H5;ECO358H5, MGT337Y5**

After: Course Exclusion: **CCT321H5, ECO358H5, RSM332H1, MGFB10H3**

Rationale: The course content of MGT338H5 is similar to RSM332H1, MGFB10H3.

MGT337Y5 is no longer offered.

Course #174 MGT339H5 Business Finance II

Before: Course Exclusion: CCT321H5; ECO359H5; **MGT337Y5**

After: Course Exclusion: CCT321H5; ECO359H5; **RSM333H1, MGFC10H3**

Rationale: The course content of MGT339H5 is similar to RSM333H1, MGFC10H3.

MGT337Y5 is no longer offered.

Course #175 MGT353H5 Introduction to Marketing Management

Before: Course Exclusion:

After: Course Exclusion: **RSM251H1**

Rationale: The course content of MGT353H5 is similar to RSM251H1.

Course #176 MGT363H5 Organization Design

Before: Course Exclusion: **WDW260Y5, 260H5, ERI260H5**

After: Course Exclusion: **WDW260H1**

Rationale: The course content of ERI260H5 and MGT363H5 is no longer similar.

WDW260Y5 and WDW260H5 are no longer offered.

Course #177 MGT371H5 Introduction to Business Information Systems

Before: Course Exclusion: **CCT325H5; CSC340H5; MGM371H5**

After: Course Exclusion: **CCT225H5; CSC340H5; MGM371H5, MGAC70H3, RSM327H1**

Rationale: CCT325H5 is now CCT225H5.

The course content of MGT371H5 is similar to MGAC70H3 and RSM327H1

Course #178 MGT374H5 Operations Management

Before: Course Exclusion:

After: Course Exclusion: **MGOC20H3, RSM270H1**

Rationale: The course content of MGT371H5 is similar to MGOC20H3, RSM270H1

Course #179 MGT393H5 Legal Environment of Business I

Before: Course Exclusion: **MGM290H5**

After: Course Exclusion: **MGM290H5, MGSC30H3, RSM225H1**

Rationale: The course content of MGT393H5 is similar to MGSC30H3, RSM225H1

Course #180 MGT394H5 Legal Environment of Business II

Before: Course Exclusion:

After: Course Exclusion: **MGSC32H3, RSM325H1**

Rationale: The course content of MGT394H5 is similar to MGSC32H3, RSM325H1

Course #181 MGT420H5 Critical Thinking, Analysis and Decision Making

Before: Course Exclusion:

After: Course Exclusion: **RSM426H1**

Rationale: The course content of MGT420H5 is similar to RSM426H1

Course #182 MGT421H5 Advanced Auditing Topics

Before: Course Exclusion:

After: Course Exclusion: **RSM423H1**

Rationale: The course content of MGT421H5 is similar to RSM423H1

Course #183 MGT422H5 Information Systems and Technology, and IT Assurance

Before: Course Exclusion:

After: Course Exclusion: **RSM427H1**

Rationale: The course content of MGT422H5 is similar to RSM427H1

Course #184 MGT423H5 Canadian Income Taxation I

Before: Prerequisite: **MGT322H5/323H5/337Y5/339H5 Course** Exclusion:

After: Prerequisite: **MGT322H5/323H5/339H5 Course** Exclusion: **MGAC50H3, RSM324H1**

Rationale: The course content of MGT423H5 is similar to MGAC50H3, RSM324H1.
MGT337Y5 is no longer offered.

Course #185 MGT426H5 Advanced Accounting

Before: Course Exclusion:

After: Course Exclusion: **RSM321H1**

Rationale: The course content of MGT426H5 is similar to RSM321H1

Course #186 MGT428H5 Management Control

Before: Course Exclusion:

After: Course Exclusion: **MGAD40H3, RSM422H1**

Rationale: The course content of MGT428H5 is similar to MGAD40H3, RSM422H1

Course #187 MGT429H5 Canadian Income Taxation II

Before: Course Exclusion:

After: Course Exclusion: **MGAC60H3, RSM424H1**

Rationale: The course content of MGT429H5 is similar to MGAC60H3, RSM424H1

Course #188 MGT430H5 Behavioural Finance

Before: Course Exclusion:

After: Course Exclusion: **MGFD40H3**

Rationale: The course content of MGT430H5 is similar to MGFD40H3

Course #189 MGT431H5 Advanced Topics in Corporate Finance

Before: Course Exclusion:

After: Course Exclusion: **RSM433H1**

Rationale: The course content of MGT431H5 is similar to RSM433H1.

Course #190 MGT434H5 Mergers and Acquisitions

Before: Course Exclusion:

After: Course Exclusion: **MGFD60H3, RSM433H1**

Rationale: The course content of MGT434H5 is similar to MGFD60H3, RSM433H1

Course #191 MGT435H5 Financial Market Trading

Before: Course Exclusion:

After: Course Exclusion: **MGFD60H3, RSM434H1**

Rationale: The course content of MGT434H5 is similar to MGFD60H3, RSM434H1

Course #192 MGT437H5 Strategy and Governance

Before:

Prerequisite: **MGT338H5, 339H5**
After: Prerequisite: **MGT322H5, 338H5**
Rationale: The course content will be repositioned to emphasize the connection between economics, strategy and governance in determining and analyzing how corporations add value in the economy. One of the primary goals of the course is to explicitly encourage integrative thinking across the disciplines of economics and management and within the sub-disciplines of both.

Course #193 MGT438H5 Futures and Options Markets

Before: Course Exclusion:
After: Course Exclusion: **MGFC30H3, RSM435H1**
Rationale: The course content of MGT438H5 is similar to MGFC30H3, RSM435H1

Course #194 MGT439H5 International Finance

Before: Course Exclusion: **ECO365H5**
After: Course Exclusion: **ECO365H5, MGFC50H3, RSM437H1**
Rationale: The course content of MGT439H5 is similar to MGFC50H3, RSM437H1

Course #195 MGT453H5 Marketing Research

Before: Course Exclusion:
After: Course Exclusion: **MGMC01H3**
Rationale: The course content of MGT452H5 is similar to MGMC01H3

Course #196 MGT455H5 Marketing Consulting: Models for Analysis

Before: Course Exclusion:
After: Course Exclusion: **MGMD01H3**
Rationale: The course content of MGT455H5 is similar to MGMD01H3

Course #197 MGT460H5 Human Resource Management

Before: Prerequisite: **MGT262H5/363H5/MGM300H5/WDW260H5** Course Exclusion:
After: Prerequisite: **MGT262H5/363H5/MGM300H5/WDW260H1**
 Course Exclusion: **MGIB12H3**
Rationale: WDW260H5 is no longer offered.
 The course content of MGT460H5 is similar to MGIB12H3, WDW260H1.

Course #198 MGT461H5 Negotiation

Before: Course Exclusion:
After: Course Exclusion: **MGHC52H3, RSM461H1**
Rationale: The course content of MGT461H5 is similar to MGHC52H3, RSM461H1

Course #199 MGT491H5 Introduction to International Business

Before: Course Exclusion:
After: Course Exclusion: **RSM490H1**
Rationale: The course content of MGT491H5 is similar to RSM490H1

Course #200 MGT492H5 Introduction to Strategic Management**Before:** Course Exclusion:**After:** Course Exclusion: **MGSC01H3, RSM392H1****Rationale:** The course content of MGT492H5 is similar to MGSC01H3, RSM392H1

Course #201 MGT493H5 Small Business Management**Before:** Course Exclusion:**After:** Course Exclusion: **RSM493H1****Rationale:** The course content of MGT493H5 is similar to RSM493H1

Course #202 PHY100H5 What's Physics Got to Do With It?**Before:** Course Exclusion: Any PHY or JCP course, taken previously or **concurrently****After:** Course Exclusion: Any PHY or JCP course, taken previously or **concurrently; PHY100H1; PMU199Y1****Rationale:** These are similar courses offered at St. George campus

Course #203 PHY136H5 Introductory Physics I**Before:** Prerequisite: Grade 12 Physics (SPH4U)/P.I.; Grade 12 Advanced Functions **(MHF4U)(minimum of 70)**
Corequisite: MAT134Y5/135Y5/137Y5 Course Exclusion:**After:** Prerequisite: **1. Grade 12 Physics (SPH4U)/P.I.; Grade 12 Advanced Functions (MHF4U)/Grade 12 Calculus and Vectors (MCV4U) or, 2. PHY100H5 (minimum grade of 70%)**
Corequisite:
Course Exclusion: PHY131H1; PHYA10H4, 11H3**Rationale:** **Prerequisite:** 1. Explicitly considering grade 12 Calculus and Vectors (MCV4U) as a possible replacement to grade 12 Advanced Functions (MHF4U) instead of writing it as a "Recommended Preparation". 2. Practically, students with poor performance in mathematics don't seek mathematical and physical sciences or, at most, seek first-year physics only. 3. The former "minimum of 70% has no similarities at St. George Campus or UTSC. 4. The new course PHY100H5 with a minimum grade of 70% can be considered as an acceptable prerequisite for PHY135H5. 5. In the CPS Departmental Meeting of 23 Sep 2013, the Chair alluded to a meeting in which the Registrar and others suggested relaxation of the condition on the minimum grade of 70% in high school mathematics. The Chair conveyed the need to increase the enrollment in the first-year courses by simplifying the prerequisites--corequisites.
Corequisite: Removal of - 1. Based on the discussion in the CPS Departmental Meeting of 23 Sep 2013, the Chair alluded to removing this corequisite as long as it is not so directly/critically effective. 2. Therefore, practically and effectively this requirement can be excluded because it is not so critical in dealing with the details of the course. 3. We used to consider this corequisite year after year to ensure that the students took MAT134Y5/135Y5/137Y5 before taking 2nd or higher year physics courses. 4. PHY136H5 is an Algebra-based first-year course and there is no critical need to take a first-year Calculus course.
Final Notes: The new statement describes more clearly the basis and details for granting the P.I. Some students approached me thinking that "without a grade 12 physics background they would automatically be granted P.I. Higher marks in high-school whether in mathematics or physical sciences (e.g., MHF4U, MCV4U, SPH3U, SCH4U, or SES4U) can now be considered as good reasons in granting P.I. for PHY135H5. Also students who pass successfully in the university level course PHY100H5 with a minimum grade of 70% would be acceptable for PHY136H5. Usually these students are already in higher years and may have taken other supporting courses.

Course #204 PHY137H5 Introductory Physics II**Before:** Course Exclusion:**After:** Course Exclusion: **PHY132H1; PHYA21H3, 22H3****Rationale:** Exclusion: Adding exclusion from ST.G. and UTSC as requested by the Dean, Academic, UTM

Course #205 PHY255H5 Introduction to Biomedical Physics

- Before:** Prerequisite: PHY135Y5/(136H5, 137H5) **Course** Exclusion:
- After:** Prerequisite: PHY135Y5/(136H5, 137H5) **or PI Course** Exclusion: **PHY231H1**
- Rationale:** Prerequisite: To allow additional opportunity for student to meet the requisites.
Exclusion: This is a similar course offered at St. George Campus.

Course #206 PHY332H5 Molecular Biophysics

- Before:** Prerequisite: PHY242H5, **JCP221H5/CHM221H5 Course** Exclusion: **Recommended** Preparation: **JCP321H5**
- After:** Prerequisite: PHY242H5, **255H5; JCP221H5 Course** Exclusion: **PHY331H1 Recommended** Preparation:
- Rationale:** Recommended Preparation: JCP321H5 was removed. JCP321H5 is offered in the Fall, so it cannot be taken previously; elements of quantum mechanics are introduced in the PHY322H5 course, so no previous preparation is needed in this area.
Prerequisite: First, the new prerequisite is PHY255H5, a new introductory biophysics course offered in the 2nd year, which is meant to familiarize students with some of the concepts covered in this course. Secondly, there is no need to mention CHM221H5, the course was last offered in Fall 2009, and JCP221H5 (the new course number) should be enough.
Exclusion: This is a similar course offered at St. George campus.

Course #207 PHY333H5 Physics of the Cell

- Before:** Prerequisite: PHY242H5, 255H5, **JCP221H5/CHM221H5**
- After:** Prerequisite: PHY242H5, 255H5, **JCP221H5**
- Rationale:** Prerequisite: JCP221H5/CHM221H5 - there is no longer a need to continue stating both codes since CHM221H5 was renumbered in 2009 and it is no longer offered.
Final Notes: Offered in alternate years, alternating with PHY332H5. Offered in 2014-15.

Course #208 PHY347H5 Optics

- Before:** Course Exclusion: **PHY247H5**
- After:** Course Exclusion: **PHY247H5; PHY385H1**
- Rationale:** Exclusion Add St. George and UTSC exclusions as requested by Dean, Academic at UTM. St. George course has sufficient overlap to be similar.
Prerequisite: The material of PHY325H5 is only marginally used in PHY347H5. To increase the flexibility for students to enroll in PHY347H5 the prerequisite PHY325H5 can be removed.

Course #209 PHY433H5 Medical Physics

- Before:** Prerequisite: **PHY332H5, 333H5, JCP321H5, 322H5**
- After:** Prerequisite: **PHY332H5/333H5**
- Rationale:** Prerequisite: This change is more significant to the course content and may increase the course enrollments. It is good to have PHY332H5 OR PHY333H5 rather than PHY332H5 AND PHY333H5 because they are offered in alternating years and some students may not have taken both courses at the time of enrollment.

Course #210 PHY451H5 Classical Electrodynamics

- Before:** Prerequisite: **PHY241, 245H5, 325H5 Course** Exclusion: **PHY341H5**
- After:** Prerequisite: **PHY2415H5, 325H5 Course** Exclusion: **PHY350H1; PHYC50H3**
- Rationale:** JCP421H5 was offered last year and it is my understanding that this is the phasing of the two courses moving forward.
Prerequisite: The material in PHY245H5 that is needed in PHY451H5 is already covered in PHY241H5 and PHY325H5.

Exclusion: Add St. George and UTSC exclusions as requested by Dean, Academic, UTM.

Course #211 POL111H5 Canada in Comparative Perspective

Before: Course Exclusion:

After: Course Exclusion: **POL224Y1**

Rationale: The course content of POL 111H5 is similar to POL 224Y1

Course #212 POL112H5 Democracy in Theory and Practice

Before: Course Exclusion:

After: Course Exclusion: **POLA51H3**

Rationale: The course content of POL A51H3 is similar to POL 112H5

Course #213 POL114H5 Politics in the Global World

Before: Course Exclusion:

After: Course Exclusion: **POLA83H3**

Rationale: The course content of POL A83H3 is similar to POL 114H5

Course #214 POL203Y5 Politics and Government of the United States

Before: Course Exclusion:

After: Course Exclusion: **POL 203Y1, POLC92H3, POLC93H3**

Rationale: The course contents of POL 203Y1, POL C92H3 and POL C93H3 are similar to POL 203Y5

Course #215 POL208Y5 Introduction to International Relations

Before: Course Exclusion:

After: Course Exclusion: **POL 208Y1, POLB80H3, POLB81H3**

Rationale: The course contents of POL 208Y1, POL B80H3, POL B81H3 are similar to POL 208Y5

Course #216 POL214Y5 Canadian Government and Politics

Before: Course Exclusion: POL100Y5, (110H5, 111H5), POL **224Y1**

After: Course Exclusion: POL100Y5, (110H5, 111H5), POL **214Y1, 224Y1, POLB50Y3**

Rationale: Adding POL 214Y1, POL B50Y3 as exclusions as they also have similar content as POL 214Y5

Course #217 POL250Y5 Environmental Politics in Canada

Before: Course Exclusion: ENV **250Y5 Y**

After: Course Exclusion: ENV **250Y5, ENV 320H1, POLC53H3**

Rationale: The course content in ENV 320H1 and POL C53H3 is similar to ENV/POL 250Y5.

Course #218 POL300Y5 Topics in Comparative Politics

Before: Course Exclusion:

After: Course Exclusion: **POL 300Y1, POLC42H3**

Rationale: The course content in POL 300Y1 and POL C42H3 has similar content as POL 300Y5

Course #219 POL302Y5 Politics of Western Europe and the European Union

Before: Course Exclusion:
After: Course Exclusion: **POL 207Y1, POLB93H3**
Rationale: The course content in POL 207Y1 and POL B93H3 has similar content as POL 302Y5

Course #220 POL303Y5 The Politics of Islam

Before: Course Exclusion: POL300Y5, **POL300Y1**
After: Course Exclusion: POL300Y5, **POL300Y1, POLC96H3, POLC97H3**
Rationale: The course content in POL C96H3 and POL C97H3 has similar content as POL 303Y5

Course #221 POL310Y5 Managing International Military Conflict

Before: Course Exclusion:
After: Course Exclusion: **POLC09H3**
Rationale: The course content in POL C09H3 has similar content as POL 310Y5

Course #222 POL316Y5 Contemporary Canadian Federalism

Before: Course Exclusion:
After: Course Exclusion: **POL 316Y1, POLC57H3**
Rationale: The course content in POL 316Y1 and POL C57H3 has similar content as POL 316Y5

Course #223 POL320Y5 Modern Political Thought

Before: Course Exclusion:
After: Course Exclusion: **POL 320Y1, POLC73H3**
Rationale: The course content in POL 320Y1 and POL C72H3 has similar content as POL 320Y5

Course #224 POL327Y5 Comparative Foreign Policy

Before: Course Exclusion:
After: Course Exclusion: **POL 326Y1, POLC82H3, POLC83H3**
Rationale: The course content in POL 326Y1, POL C82H3 and POL C83H3 has similar content as POL 327Y5

Course #225 POL340Y5 International Law

Before: Course Exclusion:
After: Course Exclusion: **POL 340Y1**
Rationale: The course content in POL 340Y1 is similar to POL 340Y5

Course #226 POL343Y5 Politics of Global Governance

Before: Course Exclusion:
After: Course Exclusion: **POL 343Y1, POLC87H3**
Rationale: The course content in POL 343Y1, POL C87H3 is similar to POL 343Y5

Course #227 POL346Y5 Urban Politics

Before: Course Exclusion:
After: Course Exclusion: **POL 349Y1**
Rationale: The course content in POL 349Y1 is similar to POL 346Y5

Course #228 POL353Y5 Canadian Public Policy: From the Golden Age to the Era of Globalization**Before:** Course Exclusion: **POL209Y5****After:** Course Exclusion: **POL209Y5, POL 316Y, POLC57H3, POLC54H3****Rationale:** The course content in POL 316Y, POL C57H3 and POL C54H3, along with POL 209Y5, already stated in the book, has similar content to POL 353Y5

Course #229 POL354Y5 Russian Politics**Before:** Course Exclusion: **POL204Y5, POL204Y1****After:** Course Exclusion: **POL 204Y5, POL 204Y1, POL 354H1, POLC89H3****Rationale:** The course content in POL 354H1, POL C89H3, along with POL 204Y5 and POL 204Y1, already stated in the calendar, is similar to POL 354Y5

Course #230 POL355Y5 Multiculturalism and Citizenship**Before:** Course Exclusion:**After:** Course Exclusion: **POLC58H3****Rationale:** The course content in POL C58H3 is similar to POL 355Y5

Course #231 POL360H5 State, Society and Regime Change in Latin America**Before:** Course Exclusion:**After:** Course Exclusion: **POL 305Y1, POLC91H3****Rationale:** The course content in POL 305Y1, POL C91H3 is similar to POL 360H5

Course #232 POL361H5 After Regime Change: The Quality of Democracy in Latin America**Before:** Course Exclusion:**After:** Course Exclusion: **POLC91H3****Rationale:** The course content in POL C91H3 is similar to POL 360H5

Course #233 POL368Y5 Women and Politics**Before:** Course Exclusion: POL **351Y1****After:** Course Exclusion: POL **351Y1, POL 450H1****Rationale:** The course content in POL 450H1 is similar to POL 368Y5

Course #234 PSY100Y5 Introductory Psychology**Before:** Course Exclusion:**After:** Course Exclusion: **PSY100H1/PSYA01H3/PSYA02H3****Rationale:** As per CUPE 3902

Course #235 PSY201H5 Research Design and Analysis in Psychology I**Before:** Course Exclusion: **BIO360H5/ECO220Y5/227Y5/SOC300Y5/350H5/STA218H5/220H5****After:** Course Exclusion: **BIO360H5/ECO220Y5/227Y5/SOC300Y5/350H5/STA215H5/218H5/220H5/PSY201H1/PSY****Rationale:** Exclusion added for all 3 campuses as per the CUPE 3902 Collective Agreement

Course #236 PSY202H5 Research Design and Analysis in Psychology II**Before:** Course Exclusion: **ECO220Y5/227Y5/STA221H5/BIO361H5/SOC300Y5****After:** Course Exclusion: **ECO220Y5/227Y5/STA221H5/256H5/BIO361H5/SOC300Y5/PSY202H1/PSYC08H3****Rationale:** Required as per CUPE 3902

Course #237 PSY210H5 Introduction to Developmental Psychology**Before:** Course Exclusion:**After:** Course Exclusion: **PSY210H1/PSYB20H3/PSYB21H3****Rationale:** Required as per CUPE 3902

Course #238 PSY220H5 Introduction to Social Psychology**Before:** Course Exclusion:**After:** Course Exclusion: **PSY220H1/PSYB10H3****Rationale:** Required as per CUPE3902

Course #239 PSY230H5 Introduction to Personality**Before:** Course Exclusion:**After:** Course Exclusion: **PSY230H1/PSYB30H3****Rationale:** Required as per CUPE3902

Course #240 PSY240H5 Introduction to Abnormal Psychology**Before:** Course Exclusion:**After:** Course Exclusion: **PSY240H1/PSYB32H3****Rationale:** Required as per CUPE3902

Course #241 PSY270H5 Introduction to Cognitive Psychology**Before:** Course Exclusion:**After:** Course Exclusion: **PSY270H1/PSYB57H3****Rationale:** Required as per CUPE 3902

Course #242 PSY280H5 Perception**Before:** Course Exclusion:**After:** Course Exclusion: **PSY280H1/PSYB51H3****Rationale:** Required as per CUPE 3902

Course #243 PSY290H5 Introduction to Physiological Psychology**Before:** Course Exclusion:**After:** Course Exclusion: **PSY290H1/PSYB64H3****Rationale:** Required as per CUPE 3902

Course #244 PSY299Y5 Research Opportunity Program

Before: Course Exclusion:
After: Course Exclusion: **PSY299Y1**
Rationale: Required as per CUPE 3902

Course #245 PSY309H5 Experimental Design and Theory

Before: Course Exclusion:
After: Course Exclusion: **PSY309H1**
Rationale: Required as per CUPE3902

Course #246 PSY311H5 Social Development

Before: Course Exclusion:
After: Course Exclusion: **PSY311H1/PSYC23H3**
Rationale: Required as per CUPE 3902

Course #247 PSY312H5 Cognitive Development

Before: Course Exclusion:
After: Course Exclusion: **PSY312H1**
Rationale: Required as per CUPE 3902

Course #248 PSY313H5 Adult Development and Aging

Before: Prerequisite: **PSY100Y5 Course** Exclusion: **PSY313H1**
After: Prerequisite: **PSY201H5/equivalent, one additional second year course in PSY Course** Exclusion: **PSY213H5/PSY313H1**
Rationale: This is a general course on aging and as such will benefit from background in any area in psychology.

Course #249 PSY316H5 Infant Perception and Cognition

Before: Course Exclusion:
After: Course Exclusion: **PSY316H1**
Rationale: Required as per CUPE 3902

Course #250 PSY319H5 Developmental Psychology Laboratory

Before: Course Exclusion:
After: Course Exclusion: **PSY319H1/PSYC26H3**
Rationale: Required as per CUPE3902

Course #251 PSY320H5 Social Psychology: Attitudes

Before: Course Exclusion:
After: Course Exclusion: **PSY320H1**
Rationale: Required as per CUPE3902

Course #252 PSY321H5 Cross-cultural Psychology

Before: Course Exclusion:
After: Course Exclusion: **PSY321H1/PSYC14H3**

Rationale: Required as per CUPE 3902

Course #253 PSY324H5 The Science of Wellbeing

Before: Course Exclusion:

After: Course Exclusion: **PSY336H1**

Rationale: Required as per CUPE 3902

Course #254 PSY325H5 Psychology of the Self

Before: Course Exclusion:

After: Course Exclusion: **PSYD12H3**

Rationale: Required as per CUPE3902

Course #255 PSY327H5 Interpersonal Relationships

Before: Course Exclusion: **PSY324H1, 424H1**

After: Course Exclusion: **PSY424H1/PSYD11H3**

Rationale: Required as per CUPE 3902

Course #256 PSY328H5 Psychology and the Law

Before: Course Exclusion:

After: Course Exclusion: **PSY328H1/PSYC39H3**

Rationale: Required as per CUPE 3902

Course #257 PSY329H5 Social/Personality Laboratory

Before: Course Exclusion:

After: Course Exclusion: **PSY329H1/PSYC11H3**

Rationale: Required as per CUPE 3902

Course #258 PSY331H5 Psychological Tests

Before: Course Exclusion: **PSY330H1**

After: Course Exclusion: **PSY330H1/PSYC37H3**

Rationale: REQUIRED AS PER CUPE 3902

Course #259 PSY333H5 Health Psychology

Before: Course Exclusion:

After: Course Exclusion: **PSY333H1**

Rationale: REQUIRED AS PER CUPE 3902

Course #260 PSY340H5 Abnormal Psychology: Adult Disorders

Before: Course Exclusion:

After: Course Exclusion: **PSY342H1/PSYB32H3**

Rationale: REQUIRED AS PER CUPE 3902

Course #261 PSY341H5 Abnormal Psychology: Disorders of Children and Adolescents

Before: Course Exclusion:
After: Course Exclusion: **PSY341H1**
Rationale: REQUIRED AS PER CUPE 3902

Course #262 PSY343H5 Theories of Psychotherapy

Before: Course Exclusion:
After: Course Exclusion: **PSY343H1/PSYC36H3**
Rationale: REQUIRED AS PER CUPE 3902

Course #263 PSY344H5 Forensic Psychology

Before: Course Exclusion:
After: Course Exclusion: **PSYC39H3**
Rationale: REQUIRED AS PER CUPE 3902

Course #264 PSY352H5 Animal Behaviour

Before: Prerequisite: **PSY100Y5 Course** Exclusion:
After: Prerequisite: **PSY201H5/equivalent, 290H5 Course** Exclusion: **PSY252H5**
Rationale: This will not be an introductory course anymore now that it is moved to 3rd year.

Course #265 PSY353H5 Developmental Social Neuroscience

Before: Course Exclusion:
After: Course Exclusion: **PSY473H1/PSYC23H3/PSYD17H3**
Rationale: REQUIRED AS PER CUPE 3902

Course #266 PSY355H5 Animal Behaviour Genetics

Before: Course Exclusion:
After: Course Exclusion: **PSY390H1**
Rationale: While course is an introduction to the topic it is not an introductory level course. We are hoping that will be clearer by elimination "Introduction" from the title but keeping it in the description.

Course #267 PSY362H5 Animal Cognition

Before: Course Exclusion:
After: Course Exclusion: **PSY362H1**
Rationale: REQUIRED AS PER CUPE 3902

Course #268 PSY371H5 Higher Cognitive Processes

Before: Course Exclusion:
After: Course Exclusion: **PSY371H1**
Rationale: REQUIRED AS PER CUPE 3902

Course #269 PSY372H5 Human Memory

Before: Course Exclusion:

After: Course Exclusion: **PSY372H1**

Rationale: REQUIRED AS PER CUPE 3902

Course #270 PSY379H5 Cognitive Psychology Laboratory

Before: Course Exclusion:

After: Course Exclusion: **PSY379H1/PSYC58H3**

Rationale: REQUIRED AS PER CUPE 3902

Course #271 PSY387H5 Psychology of Music

Before: Course Exclusion: CCT371H5 (formerly **CCT371H5**)

After: Course Exclusion: CCT371H5 (formerly **CCT371H5/PSYC56H3**)

Rationale: REQUIRED AS PER CUPE 3902

Course #272 PSY393H5 Human Neuropsychology

Before: Course Exclusion:

After: Course Exclusion: **PSY493H1/PSYC31H3/PSYC55H3**

Rationale: REQUIRED AS PER CUPE 3902

Course #273 PSY399H5 Psychobiology Laboratory

Before: Course Exclusion:

After: Course Exclusion: **PSY399H1/PSYC06H3**

Rationale: REQUIRED AS PER CUPE 3902

Course #274 PSY400Y5 Thesis

Before: Course Exclusion:

After: Course Exclusion: **PSY400Y1/PSYD98Y3**

Rationale: REQUIRED AS PER CUPE 3902

Course #275 PSY410H5 Special Topics in Developmental Psychology

Before: Course Exclusion:

After: Course Exclusion: **PSY410H1/PSYD22H3**

Rationale: REQUIRED AS PER CUPE 3902

Course #276 PSY415H5 Special Topics in Adult Development and Aging

Before: Course Exclusion:

After: Course Exclusion: **PSY417H1**

Rationale: REQUIRED AS PER CUPE 3902

Course #277 PSY420H5 Special Topics in Social Psychology

Before: Course Exclusion:

After: Course Exclusion: **PSY420H1/PSYD12H3/PSYD15H3/PSYD16H3**

Rationale: REQUIRED AS PER CUPE 3902

Course #278 PSY430H5 Special Topics in Personality

Before: Course Exclusion:
After: Course Exclusion: **PSY430H1/PSYD30H3/PSYD32H3**
Rationale: REQUIRED AS PER CUPE 3902

Course #279 PSY440H5 Special Topics in Abnormal Psychology

Before: Course Exclusion:
After: Course Exclusion: **PSY440H1/PSYD33H3**
Rationale: REQUIRED AS PER CUPE 3902

Course #280 PSY471H5 Special Topics in Cognitive Psychology

Before: Course Exclusion:
After: Course Exclusion: **PSY471H1/PSYD50H3**
Rationale: REQUIRED AS PER CUPE 3902

Course #281 PSY480H5 Special Topics in Perception

Before: Course Exclusion:
After: Course Exclusion: **PSY480H1/PSYD51H3**
Rationale: REQUIRED AS PER CUPE 3902

Course #282 PSY490H5 Advanced Topics in Biological Psychology

Before: Course Exclusion:
After: Course Exclusion: **PSY490H1/PSYD66H3**
Rationale: REQUIRED AS PER CUPE 3902

Course #283 SOC100H5 Introduction to Sociology

Before: Course Exclusion: SOC101Y5, **SOC101Y1**
After: Course Exclusion: SOC101Y5, **SOC101Y1, SOCA01H3**
Rationale: The course content of SOCA01H3 is similar to SOC100H5

Course #284 SOC221H5 The Logic of Social Inquiry

Before: Course Exclusion: SOC200Y5, **200H1**
After: Course Exclusion: SOC200Y5, **200Y1, 200H1, SOCB05H3**
Rationale: The course content of SOCB05H3 is similar to SOC221H5.

Course #285 SOC222H5 Measuring the Social World

Before: Course Exclusion: SOC200Y5, 202H1
After: Course Exclusion: SOC200Y5, **200Y1**, 202H1
Rationale:

Course #286 SOC244H5 Sociology of Families

Before: Course Exclusion: SOC214Y5, 214Y1, **214H1**

After: Course Exclusion: SOC214Y5, 214Y1, **214H1, SOCB49H3**

Rationale: The course content of SOCB49H3 is similar to SOC244H5.

Course #287 SOC263H5 Social Inequality

Before: Course Exclusion: SOC301Y5, **363H5**

After: Course Exclusion: SOC301Y5, **363H5, 281H1**

Rationale: The course content of SOC281H1 is similar to SOC263H5.

Course #288 SOC275H5 Sociology of Gender

Before: Course Exclusion: **SOC365H5**

After: Course Exclusion: **SOC365H5, SOC265H1, SOCB22H3**

Rationale: The course content of SOC265H1 and SOCB22H3 is similar to SOC275H5

Course #289 SOC317H5 Shopping and Society

Before: Course Exclusion: **Recommended** Preparation:

After: Course Exclusion: **SOC217H5**
Recommended Preparation: **SOC202H5**

Rationale:

Course #290 SOC335H5 Political Sociology

Before: Course Exclusion: **SOC260H1**

After: Course Exclusion: **SOC260H1, SOCC39H3**

Rationale: The course content of SOCC39H3 is similar to SOC335H5.

Course #291 SOC356H5 Population and Society

Before: Course Exclusion: SOC312Y5, **312Y1**

After: Course Exclusion: SOC312Y5, **SOC312H1**

Rationale: This course revises the description to reflect additional policy content and make explicit it's link with our Social Policy Stream. It will be taught by the same tenured Professor and thus has no resource implications.

Course #292 SOC359H5 Gendered Identities

Before: Prerequisite: SOC100H5, **1.0 SOC credit at the 200 level Recommended** Preparation:
SOC275H5

After: Prerequisite: SOC100H5, **263H5/275H5/WGS101H5**
Recommended Preparation:

Rationale: The third and fourth year gender courses require some basic knowledge of gender differences and inequalities which could be gleaned from any of these 200 level courses. SOC263H5 examines intersecting axes of inequality of which gender is a central one.

Course #293 SOC380H5 Gender, Politics and Society

Before: Prerequisite: SOC100H5, **1.0 SOC credit at the 200 level Recommended** Preparation:
SOC275H5

After:

Prerequisite: SOC100H5, **263H5/275H5/WGS101H5**

Recommended Preparation:

Rationale: The third and fourth year gender courses require some basic knowledge of gender differences and inequalities which could be gleaned from any of these 200 level courses. SOC263H5 examines intersecting axes of inequality of which gender is a central one.

Course #294 SOC387H5 Qualitative Analysis I

Before: Course Exclusion:

After: Course Exclusion: **SOC302H1**

Rationale: The course content of SOC302H1 is similar to SOC387H5.

Course #295 SOC393H5 Independent Research in Criminology and Law

Before: Prerequisite: SOC209H5, **305H5**

After: Prerequisite: SOC209H5, **205H5/305H5**

Rationale: SOC205H5 replaces SOC305H5

Course #296 SOC394H5 Independent Research in Criminology and Law

Before: Prerequisite: SOC209H5, **305H5**

After: Prerequisite: SOC209H5, **205H5/305H5**

Rationale: SOC205H5 replaces SOC305H5

Course #297 SOC425H5 Gender in Global Contexts

Before: Prerequisite: **1.0 SOC credit at the 200 level**, .5 SOC credit at the 300 level.

After: Prerequisite: **SOC100H5, 263H5/275H5/WGS101H5**, .5 SOC credit at the 300 level.

Rationale: The third and fourth year gender courses require some basic knowledge of gender differences and inequalities which could be gleaned from any of these 200 level courses. SOC263H5 examines intersecting axes of inequality of which gender is a central one.

Course #298 STA220H5 The Practice of Statistics I

Before: Course Exclusion: STA218H5, 256H5, **257H5**; BIO360H5; ECO220Y5, 227Y5; PSY201H5; SOC351H5

After: Course Exclusion: STA218H5, 256H5, **257H5, 220H1, STAB22H3**; BIO360H5; ECO220Y5, 227Y5; PSY201H5; SOC351H5

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #299 STA221H5 The Practice of Statistics II

Before: Course Exclusion: **STA256H5**, 257H5, 258H5, 302H5; BIO361H5; ECO220Y5, 227Y5; PSY202H5; SOC351H5

After: Course Exclusion: **STA221H1, 256H5**, 257H5, **257H1**, 258H5, **STAB27H3**, 302H5; BIO361H5; ECO220Y5, 227Y5; PSY202H5; SOC351H5

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #300 STA256H5 Probability and Statistics I

Before: Course Exclusion: **STA257H5**; ECO227Y5

After: Course Exclusion: **STA257H5, 257H1, STAB52H3**; ECO227Y5

Rationale: Adding St. George or Scarborough exclusion course(s).

Course #301 STA258H5 Statistics with Applied Probability

Before: Course Exclusion: ECO227Y5
After: Course Exclusion: **STA248H1, 255H1, STAB57H3**, ECO227Y5
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #302 STA260H5 Probability and Statistics II

Before: Course Exclusion: **STA261H5**
After: Course Exclusion: **STA261H5, 261H1, STAC58H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #303 STA302H5 Regression Analysis

Before: Course Exclusion: **ECO327Y5; STA302H1, 331H5**
After: Course Exclusion: **STA302H1, 331H5, STAC67H3; ECO327Y5**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #304 STA304H5 Surveys, Sampling and Observational Data

Before: Course Exclusion:
After: Course Exclusion: **STA304H1**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #305 STA305H5 Experimental Design

Before: Course Exclusion: **STA332H5**
After: Course Exclusion: **STA332H5, 305H1**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #306 STA348H5 Introduction to Stochastic Processes

Before: Course Exclusion:
After: Course Exclusion: **STA347H1, 442H1, STAC63H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #307 STA390H5 Modern Applied Statistics

Before: Course Exclusion:
After: Course Exclusion: **STA414H1**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #308 STA413H5 Estimation and Testing

Before: Course Exclusion: **STA422H5**
After: Course Exclusion: **STA422H5, 422H1, 452H1**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #309 STA437H5 Applied Multivariate Statistics

Before: Course Exclusion:
After: Course Exclusion: **STA437H1, STAD37H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #310 STA441H5 Methods of Applied Statistics

Before: Prerequisite: **STA215H5/220H5/258H5; BIO360H5; ECO220Y5, 227Y5; PSY201H5; SOC350H5** or permission of the instructor **Course** Exclusion:
After: Prerequisite: **STA215H5/220H5/258H5/BIO360H5/ECO220Y5/227Y5/PSY201H5/SOC350H5** or permission of the instructor **Course** Exclusion: **STA442H5,442H1**
Rationale: Tiding up an error replace ";" with "/".

Course #311 STA457H5 Applied Time Series Analysis

Before: Course Exclusion:
After: Course Exclusion: **STA457H1, STAD57H3**
Rationale: Adding St. George or Scarborough exclusion course(s).

Course #312 WGS366H5 Women and Psychology

Before: Course Exclusion: **PSYD18H; WGS372H1**
After: Course Exclusion: **PSYD18H, WGS372H1, WGS378H1**
Rationale: Updating exclusion list to include UTSG course.

Course #313 WGS367H5 Women and Health

Before: Course Exclusion: ERI367H5, NEW367H1, **WGS367H1**
After: Course Exclusion: ERI367H5, NEW367H1, **WGS367H, WSTC21H3**
Rationale: Updating exclusion list to include UTSC course.

Course #314 utm110H5 utmONE: Building Global Justice

Before: Course Exclusion: utm111H5, utm112H5, utm190H5, utm191H5, **utm192H5** **Distribution:** SSc
After: Course Exclusion: utm111H5, utm112H5, utm190H5, utm191H5, **utm192H5, utm193H5**
Distribution: **HUM** SSc
Rationale: Addition of Humanities distribution requirement: Students in this course are learning transferable skills relevant to both Humanities and Social Science disciplines.
 Deletion of text: All utmONE courses are now open to any interested student, regardless of admit post.

Course #315 utm111H5 utmONE: Tools of the Trade

Before: Course Exclusion: utm110H5, utm112H5, utm190H5, utm191H5, **utm192H5** **Distribution:** SCI
After: Course Exclusion: utm110H5, utm112H5, utm190H5, utm191H5, **utm192H5, utm193H5**
Distribution: **SSc** SCI
Rationale: Addition of Social Science distribution requirement: Students in this course are learning transferable skills relevant to both Science and Social Science disciplines.
 Deletion of text: All utmONE courses are now open to any interested student, regardless of admit post.
 Exclusion changes: This now reflects the full set of utmONE courses.

Course #316 utm111H5 utmONE: Tools of the Trade

Before: Course Exclusion: utm110H5, utm112H5, utm190H5, utm191H5, **utm192H5** **Distribution:** SCI
After: Course Exclusion: utm110H5, utm112H5, utm190H5, utm191H5, **utm192H5, utm193H5**
Distribution: SSc SCI
Rationale: Addition of Social Science distribution requirement: Students in this course are learning transferable skills relevant to both Science and Social Science disciplines.
 Deletion of text: All utmONE courses are now open to any interested student, regardless of admit post.
 Exclusion changes: This now reflects the full set of utmONE courses.

Course #317 utm112H5 utmONE: Power and Danger of Expression

Before: Course Exclusion: utm110H5, utm111H5, utm190H5, utm191H5, **utm192H5** **Distribution:** HUM
After: Course Exclusion: utm110H5, utm111H5, utm190H5, utm191H5, **utm192H5, utm193H5**
Distribution: HUM SSc
Rationale: Addition of Social Science distribution requirement: Students in this course are learning transferable skills relevant to both Humanities and Social Science disciplines.
 Deletion of text: All utmONE courses are now open to any interested student, regardless of admit post.
 Exclusion changes: This now reflects the full set of utmONE courses.

Course #318 utm190H5 utmONE Scholars: The Drama of Politics

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm191H5, **utm192H5**
After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm191H5, **utm192H5, utm193H5**
Rationale: Exclusion changes: This now reflects the full set of utmONE courses.

Course #319 utm191H5 utmONE Scholars: Science Meets Society

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm190H5, **utm192H5** **Distribution:** SCI
After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm190H5, **utm192H5, utm193H5**
Distribution: SSc SCI
Rationale: Addition of Social Science distribution requirement: Students in this course are learning transferable skills relevant to both Science and Social Science disciplines.
 Exclusion changes: This now reflects the full set of utmONE courses.

Course #320 utm192H5 utmONE Scholars: Language, Culture, and Mind

Before: Course Exclusion: utm110H5, utm111H5, utm112H5, utm190H5, **utm191H5**
After: Course Exclusion: utm110H5, utm111H5, utm112H5, utm190H5, **utm191H5, utm193H5**
Rationale: Exclusion changes: This now reflects the full set of utmONE courses.



**UNIVERSITY OF TORONTO MISSISSAUGA CAMPUS COUNCIL
REPORT NUMBER 1 OF THE ACADEMIC AFFAIRS COMMITTEE**

SEPTEMBER 11, 2013

To the Campus Council,
University of Toronto Mississauga

Your Committee reports that it held a meeting on September 11, 2013 at 4:10 p.m. in the Council Chambers, William G. Davis Building, at which the following were present:

Ms Judith Poë, Chair
Professor Shay Fuchs, Vice-Chair
Professor Deep Saini, Vice-President & Principal
Professor Amy Mullin, Vice-Principal Academic and Dean
Professor Bryan Stewart, Vice-Principal, Research
Dr. Kelly Akers
Ms Laasya Annadevara
Mr. Hamza Ansari
Ms Melissa Berger
Professor Andreas Bendlin
Professor Tracey Bowen
Ms Diane Crocker, Registrar, UTM
Professor Jill Caskey
Professor Craig Chambers
Professor Philip Clark
Ms Sara da Silva
Professor Amrita Daniere, Vice-Dean, Graduate, UTM
Dr. Louis Florence
Mr. Simon Gilmartin
Ms Shelley Hawrychuk
Dr. Stuart Kamenetsky
Professor Yael Karshon
Professor Bernard Katz
Ms Pam King
Mr. Sheldon Leiba
Mr. Leonard Lyn
Professor Heather Miller
Ms Sue McGlashan
Professor Kent Moore
Professor Esteban Parra
Professor Kathy Pichora-Fuller

Dr. Christoph Richter
Professor Alison Syme
Professor Anthony Wensley
Dr. Maria Wesslen
Mr. Ian Whyte, UTM Chief Librarian
Dr. Kathleen Wong
Ms Edith Vig

Regrets:

Professor Varouj Aivazian
Professor Shyon Baumann
Professor Tenley Conway
Professor Charles Elkabas
Ms Sarah Elborn
Ms Sobia Khan
Dr. Mark Lippincott
Professor Peter Loewen
Professor Peter Macdonald
Professor Emmanuel Nikiema
Mr. Michael Paulin
Mr. Masood Samin
Professor Erik Schneiderhan
Professor Holger Syme
Professor Sasa Stefanovic
Professor David Francis Taylor
Professor Mihkel Tombak
Professor Shafique Virani
Professor Kathi Wilson

Non-Voting Assessors:

Prof. Ulli Krull, Vice-President, Special Initiatives
Mr. Mark Overton, Dean of Student Affairs

In Attendance:

Dr. Leigh Revers, Associate Director, Masters of Biotechnology

Secretariat:

Ms. Cindy Ferencz Hammond, Director of Governance
 Ms. Mariam Ali, Committee Secretary

1. Chair's Remarks

The Chair welcomed new members to the inaugural meeting of the Academic Affairs Committee for 2013-14. The Chair introduced Professor Shay Fuchs, Vice-Chair of the Committee; Professor Saini, Vice-President and Principal, and the Committee's administrative assessors, Professors Amy Mullin, Vice-Principal Academic and Dean and Bryan Stewart, Vice-Principal Research. Also introduced were the Committee's non-voting assessors: Professor Ulli Krull, Vice-Principal Special Initiatives and Mr. Mark Overton, Dean of Student Affairs, and the secretariat, Ms. Cindy Ferencz Hammond and Ms. Mariam Ali.

2. Orientation

The Chair and Mr. Louis Charpentier, Secretary of the Governing Council gave an Orientation presentation, which included the following key points¹:

- The essential role of governance was to provide guidance on the University's long-term strategic directions and to provide active oversight of the University's management;
- Good governance principles began with appropriate disclosure, transparency and clear lines of accountability between governance and administration;
- Governance responsibilities were conducted through a set of committees with clear accountability and delegated authority for advice, oversight and/or approval;
- While each member might be informed by concerns of his or her individual constituency, the expectation was that members would act in the best interests of the institution as a whole.
- Members should commit to participate actively in meetings and attend at least 75% of all meetings;
- Governance was a receiver of proposals and reports from administration and the primary functions of governance were to approve, provide oversight or advice on proposals;

The presentation included a visual representation of the governance path for an academic program major modification, new undergraduate program and new graduate program.

Mr. Charpentier drew members' attention to the handout, *Quick Reference Guide to the Use of Cover Sheets*². He explained that covers sheets were designed to enhance the focus of members on the major elements of proposals and that they were a valuable tool in providing guidance with respect to the responsibilities of the relevant governance body for each item of business.

The Chair gave an overview of the agenda planning process. The responsibility of an Agenda planning group was to ascertain whether the documentation presented for an item provided an appropriate amount of information about the proposal in order for the body to consider the matter in a well-informed manner. This group also determined whether the matter has followed the appropriate administrative processes and whether the proposal complied with university policies. Agenda planning groups included the Chair, the

¹A copy of the Orientation Presentation is attached as Attachment A.

²A copy of the *Quick Reference Guide to the Use of Cover Sheets* is attached as Attachment B

Vice-Chair and the administrative assessors, and others as deemed appropriate, with support from the secretariat.

The Chair invited Professor Amy Mullin, Vice-Principal Academic & Dean and Bryan Stewart, Vice-Principal Research to present an overview of the Campus and their respective roles as administrative assessors. Professor Mullin also invited Professor Krull, Vice-Principal Special Initiatives to provide an overview of his portfolio. The presentation gave an outline of senior administrative structures at UTM and administrative assessor priorities for the 2013-14 academic year.³

3. Calendar of Business, 2013-14*

The Chair referred members to their agenda packages for the Calendar of Business, and advised that the document would be updated online every Friday.

4. Academic Appeals Subcommittee Establishment

The Chair informed members that the Committee was responsible for the establishment of subcommittees to deal with matters within its purview, including academic appeals. The proposed Terms of Reference for the Academic Appeals Subcommittee were included in the agenda package.

Under UTM's previous governance structure, an Academic Appeals Board (AAB) reported to the Academic Affairs Committee of Erindale College Council. It was proposed that a similar structure and Terms of Reference of the AAB be adopted for the Academic Appeals Subcommittee (AAS), which would be established as part of the new UTM governance structure. Proposed changes to the Terms of Reference had been made to allow for greater consistency with that of the Governing Council's Academic Appeals Committee and to clarify the composition of the Subcommittee.

Dr. Stuart Kamenetsky, Chair of the Academic Appeals Board for 2011-12 to 2012-13, spoke to the importance of the appeals committee as it allowed students to appeal the decisions of the Committee on Standing (COS), in person. He noted that members of the Appeals Board had been very committed to their service on that body and that they looked forward to the subcommittee's establishment so that it could meet and consider upcoming appeals in a timely fashion.

In response to a member's question, Dr. Kamenetsky conveyed that student members were appointed on the recommendation of the Chair and that the proposal for student representation had not changed from that of the Academic Appeals Board.

On motion duly made, seconded and carried,

YOUR COMMITTEE APPROVED

- a) THAT the Academic Affairs Committee (AAC) establish an Academic Appeals Subcommittee with delegated authority from the AAC and reporting to the AAC, effective immediately; and
- b) THAT the attached Terms of Reference of the Academic Appeals Subcommittee, be approved.

5. Institute of Communication, Culture and Information Technology Name Change

³ A copy of the Assessor Presentation and the Assessor Handout is attached as Attachment C and D respectively.

The Chair informed members that the Committee was responsible for name changes in academic divisions and that recommendations for name changes were considered by the Academic Board and confirmed by the Executive Committee.

Professor Mullin advised members that the proposal was to change the name of the existing Institute of Communication, Culture and Information Technology (ICCIT), which was an Extra-Departmental Unit: A (EDU:A), to the Institute of Communication, Culture, Information and Technology. She explained that when the CCIT program was introduced in 2002, the term Information Technology had a broader definition but that over the years “Information Technology” had come largely to mean Computer Science or Computer Science-related fields. The Institute for Communication, Culture, Information and Technology was a more appropriate descriptor of the focus and strengths of the Institute.

Professor Anthony Wensley, Director, Institute of Communication, Culture, Information and Technology, added that the current name created expectations with employers in regard to students’ understanding of computer science. The change was also being proposed in response to recommendations by alumni and current students, and would signal the increased linkages between and among the different Faculties.

On motion duly made, seconded and carried,

YOUR COMMITTEE RECOMMENDS,

THAT the name of the *Institute of Communication, Culture and Information Technology* be changed to the *Institute of Communication, Culture, Information **and** Technology*.

6. Master of Biotechnology new course and updating of admission requirements in the School of Graduate Studies Calendar

The Chair informed members that the Committee was responsible for major and minor modifications to existing programs. The Chair asked Professor Amrita Daniere, Vice-Dean Graduate to present the item. Professor Daniere advised that a new course was being proposed as part of the Masters of Biotechnology (MBiotech) program, BTC1860H Generations of Advanced Medicine: Biologics in Therapy (GAMBiT), and that the admission requirements in the School of Graduate Studies Calendar would be updated.

The Chair invited Dr. Leigh Revers, Associate Director, Masters of Biotechnology program to speak to the item. Dr. Revers advised members that he had joined the MBiotech program to share industry practice with academia and to assist in the development of the program to make courses more relevant to advances in the pharmaceutical field. He believed that the addition of the new course would be an exciting opportunity for University of Toronto.

Matters raised during the Committee’s discussion included the following:

- Whether the proposed language was sufficiently specific about admission requirements;
- The importance of consistency with the terminology for such requirements used in the School of Graduate Studies (SGS) Calendar;
- That there were no resource implications because an elective course was being replaced by the new course at no additional cost;
- That no additional resources from the library would be required as the new course focused on publications from the last four years.

On motion duly made, seconded and carried,

YOUR COMMITTEE APPROVED

- a) THAT the new MBiotech course, *Generations of Advanced Medicine: Biologics in Therapy (GAMBiT)* (BTC1860H), offered by the Institute for Management and Innovation (IMI), as described in the attached proposal be approved, effective immediately; and

On the advice of the Chair and following editorial suggestions by members, the second part of the motion related to minimum admission requirements was referred back to the administrative assessor for further consultation with both the MBiotech program and SGS. It was agreed that it would be resubmitted for the Committee's consideration at a later date.

CONSENT AGENDA

The Chair explained to members that certain routine items were placed on a "consent" agenda in order to allow greater time for the Board to focus its discussion on more substantive matters. Unless questions or requests to place any of the consent items on the regular agenda were submitted to the Secretary 24 hours before a meeting, the items would normally be handled without presentation or discussion.

On motion duly moved, seconded, and carried

YOUR BOARD APPROVED

THAT the consent agenda be adopted and the item be approved.

7. Master of Biotechnology Course Name Change

YOUR COMMITTEE APPROVED

- a) THAT a change in the MBiotech course name from *Biotechnology & Corporations* (BTC1810H) to *Biotechnology & Ventures*, as described in the attached proposal be approved, effective immediately.

8. Date of Next Meeting – Wednesday, November 13, 2013, 4:10 p.m.

The Chair reminded members that the next meeting of the Committee was scheduled for Wednesday, November 13, 2013 at 4:10 p.m. in the Council Chamber, William G. Davis Building.

9. Other Business

Professor Saini noted that the first meeting of the new AAC represented a moment of historical significance and a special moment in the evolution of UTM. He thanked the large number of individuals involved in the planning and implementation of the new governance model. He also thanked all members of the Academic Affairs Committee for being engaged in UTM's governance processes.

The Chair invited all members and guests to remain for a celebratory reception immediately following the meeting to mark the occasion of the inaugural AAC meeting.

The meeting adjourned at 6:00 p.m.

Secretary
September 16, 2013

Chair