



FOR INFORMATION PUBLIC OPEN SESSION

TO: UTSC Academic Affairs Committee

SPONSOR: Prof. William Gough, Vice-Principal Academic and Dean

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PRESENTER: Prof. Katherine Larson: Vice-Dean Teaching, Learning & Undergraduate

Programs

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DATE: Tuesday January 10, 2023

AGENDA ITEM: 8

ITEM IDENTIFICATION:

Minor Modification, Undergraduate Curriculum Changes – Humanities, Social Sciences, Sciences UTSC

JURISDICTIONAL INFORMATION:

University of Toronto Scarborough Academic Affairs Committee (AAC) "is concerned with matters affecting the teaching, learning and research functions of the Campus (AAC Terms of Reference, 2021, Section 4)." Under section 5.7 of its Terms of Reference, the Committee "receives annually from its assessors, reports on matters within its areas of responsibility."

GOVERNANCE PATH:

1. UTSC Academic Affairs Committee [For Information] (January 10, 2023)

PREVIOUS ACTION TAKEN:

No previous action in governance has been taken on this item.

HIGHLIGHTS:

The Office of the Vice-Principal Academic and Dean reports, for information, all curricular changes that do not impact program and course learning outcomes or mode of delivery. These include, but are not limited to:

• Adding, deleting or moving an optional course in a program;

Minor Modifications: Undergraduate Curriculum Changes

- Adding, deleting or moving a required course in a program, as long the change does not alter the nature of the program;
- All course deletions; and
- Changes to course level and/or designator, requisites, enrolment limits and breadth requirement categories.

This package includes minor modifications to undergraduate curriculum, submitted by the academic units identified below. The changes are in effect as of Fall 2022, for the 2022-23 academic year.

- The Department of Computer and Mathematical Sciences
 - o 7 program change
 - MAJOR PROGRAM IN COMPUTER SCIENCE (SCIENCE)
 - MAJOR PROGRAM IN MATHEMATICS (SCIENCE)
 - MAJOR PROGRAM IN STATISTICS (SCIENCE)
 - MINOR PROGRAM IN COMPUTER SCIENCE (SCIENCE)
 - MINOR PROGRAM IN STATISTICS (SCIENCE)
 - SPECIALIST PROGRAM IN COMPUTER SCIENCE (SCIENCE)
 - SPECIALIST PROGRAM IN MATHEMATICS (SCIENCE)
 - o 19 course changes
 - o 2 retired courses
 - MATA32H3: Calculus for Management I
 - MATA33H3: Calculus for Management II
- The Department of English
 - o 1 course change
- The Department of Global Development Studies
 - o 2 program changes
 - MINOR PROGRAM IN AFRICAN STUDIES (ARTS)
 - SPECIALIST PROGRAM IN INTERNATIONAL DEVELOPMENT STUDIES (ARTS)
 - o 8 course changes
- The Department of Historical and Cultural Studies
 - o 1 program change
 - MAJOR PROGRAM IN WOMEN'S AND GENDER STUDIES (ARTS)
 - o 8 course changes
- The Department of Human Geography
 - o 4 program changes
 - MAJOR PROGRAM IN CITY STUDIES (ARTS)
 - MINOR PROGRAM IN CITY STUDIES (ARTS)
 - MINOR PROGRAM IN URBAN PUBLIC POLICY AND GOVERNANCE (ARTS)
 - SPECIALIST PROGRAM IN CITY STUDIES (ARTS)
 - o 3 course changes

Minor Modifications: Undergraduate Curriculum Changes

- The Department of Political Sciences
 - o 5 program changes
 - MAJOR PROGRAM IN POLITICAL SCIENCE (ARTS)
 - MAJOR PROGRAM IN PUBLIC POLICY (ARTS)
 - MINOR PROGRAM IN POLITICAL SCIENCE (ARTS)
 - MINOR PROGRAM IN PUBLIC LAW (ARTS)
 - SPECIALIST PROGRAM IN POLITICAL SCIENCE (ARTS)
 - o 29 course changes
 - o 2 retired courses
 - POLB50Y3: Canadian Government and Politics
 - POLC68H3: The Constitution of Canada and the Charter of Rights and Freedoms

FINANCIAL IMPLICATIONS:

There are no significant financial implications to the campus operating budget.

RECOMMENDATION:

This item is presented for information only

DOCUMENTATION PROVIDED:

1. 2023-24 Curriculum Cycle: Undergraduate Minor Curriculum Modifications for Information Report: Minor Modifications for Information, dated January 10, 2023



2023-24 Curriculum Cycle

Undergraduate Minor Curriculum Modifications for Information

Report: Minor Modifications for Information

January 10, 2023

Computer & Mathematical Sciences (UTSC), Department of

7 Minor Program Modifications:

MAJOR PROGRAM IN COMPUTER SCIENCE (SCIENCE)

Completion Requirements:

Program Requirements

This program requires a total of 16 distinct courses (8.0 credits) satisfying all of the requirements listed below.

Note: Many Computer Science courses are offered both at U of T Scarborough and at the St. George campus. When a course is offered at both campuses in a given session, U of T Scarborough students are expected to take that course at U of T Scarborough. The Department of Computer Science at the St. George campus cannot guarantee space for U of T Scarborough students in their courses, especially those offered at both campuses.

1. A-level courses (3.0 credits)

CSCA08H3 Introduction to Computer Science I

CSCA48H3 Introduction to Computer Science II

CSCA67H3 Discrete Mathematics

MATA22H3 Linear Algebra I for Mathematical Sciences

MATA31H3 Calculus I for Mathematical Sciences

MATA37H3 Calculus II for Mathematical Sciences

2. B-level courses (3.0 credits)

CSCB07H3 Software Design

CSCB09H3 Software Tools and Systems Programming

CSCB36H3 Introduction to the Theory of Computation

CSCB58H3 Computer Organization

CSCB63H3 Design and Analysis of Data Structures

and

0.5 credit from the following*:

MATB24H3 Linear Algebra II

STAB52H3 Introduction to Probability

* **Note**: In making this choice, students should consider the prerequisites of courses they plan to take to satisfy requirements 3-4.

3. C-level courses in numerical computation and theory of computing (1.0 credit)

CSCC37H3 Introduction to Numerical Algorithms for Computational Mathematics

and

0.5 credit from the following:

CSCC63H3 Computability and Computational Complexity

CSCC73H3 Algorithm Design and Analysis

4. CSC electives (1.0 credit)

1.0 credits in any C- or D-level CSC courses.

Writing Recommendation:

Students are urged to take a course from the following list of courses by the end of their second year: ANTA01H3, ANTA02H3, CLAA06H3 (CLAA02H3), (CTLA19H3), CTLA01H3, ENGA10H3, ENGA11H3, ENGB06H3, ENGB07H3, ENGB08H3, ENGB17H3, ENGB19H3, ENGB50H3, (ENGB51H3), GGRA02H3, GGRA03H3, GGRB05H3, (GGRB06H3), (HISA01H3), (HLTA01H3), (HUMA01H3), (HUMA11H3), (HUMA17H3), (LGGA99H3), LINA01H3, PHLA10H3, PHLA11H3, WSTA01H3.

Description of Proposed Changes: Recommended Writing course: Replace CLAA02H3 with CLAA06H3

Rationale: The course CLAA02H3 is no longer offered by the department.

Impact: None

Consultation: DCC Approval: Oct. 3, 2022

Resource Implications: None

MAJOR PROGRAM IN MATHEMATICS (SCIENCE)

Completion Requirements:

Program Requirements

This stream requires a total of 8.5 credits, chosen so as to satisfy all of the following requirements:

1. Foundational courses - 5.5 credits from the following:

[MATA67H3 or CSCA67H3 Discrete Mathematics]

MATA22H3 Linear Algebra I for Mathematical Sciences

MATA31H3 Calculus I for Mathematical Sciences

MATA37H3 Calculus II for Mathematical Sciences

CSCA08H3 Introduction to Computer Science I

MATB24H3 Linear Algebra II

MATB41H3 Techniques of the Calculus of Several Variables I

MATB42H3 Techniques of the Calculus of Several Variables II

MATB44H3 Differential Equations I

STAB52H3 Introduction to Probability

[MATC01H3 Groups and Symmetry OR MATC15H3 Introduction to Number Theory]

2. Further analysis courses - 1.0 credit from the following:

MATB43H3 Introduction to Analysis

MATC27H3 Introduction to Topology

MATC34H3 Complex Variables

MATC46H3 Differential Equations II

MATD35H3 Introduction to Discrete Dynamical Systems

MATD46H3 Partial Differential Equations

MATD67H3 - Differentiable Manifolds

3. Further algebra, geometry, and discrete mathematics courses - 1.0 credit from the following:

MATC01H3 Groups and Symmetry

MATC09H3 Introduction to Mathematical Logic

MATC15H3 Introduction to Number Theory

MATC32H3 Graph Theory and Algorithms for its Applications

MATC44H3 Introduction to Combinatorics

MATC63H3 Differential Geometry

MATD01H3 Fields and Groups

MATD02H3 Classical Plane Geometries and their Transformations

MATD44H3 Topics in Combinatorics

4. Elective courses - 1.0 credit from the following:

MATB61H3 Linear Programming and Optimization

STAB57H3 Introduction to Statistics

MATD50H3 Mathematical Introduction to Game Theory

Any C- or D-level MAT, STA, or CSC course, excluding STAC32H3, STAC53H3 and STAD29H3

Recommended Writing Course

Students are urged to take a course from the following list of courses by the end of their second year. ANTA01H3, ANTA02H3, CLAA06H3 (CLAA02H3), (CTLA19H3), CTLA01H3, ENGA10H3, ENGA11H3, ENGB06H3, ENGB07H3, ENGB08H3, ENGB09H3, ENGB17H3, ENGB19H3, ENGB50H3, (ENGB51H3), GGRA02H3, GGRA03H3, GGRB05H3, (GGRB06H3), (HISA01H3), (HLTA01H3), ACMA01H3, (HUMA01H3), (HUMA11H3), (HUMA17H3), (LGGA99H3), LINA01H3, PHLA10H3, PHLA11H3, WSTA01H3.

Description of Proposed Changes: Recommended Writing course: Replace CLAA02H3 with CLAA06H3

Rationale: The course CLAA02H3 is no longer offered by the department.

Impact: None

Consultation: DCC Approval: October 3, 2022

Resource Implications: None

MAJOR PROGRAM IN STATISTICS (SCIENCE)

Description:

Supervisor of Studies: M. Samarakoon Email: <u>mahinda.samarakoon@utoronto.ca</u>

Recommended Writing Course

Students are urged to take a course from the following list of courses by the end of their second year. ANTA01H3, ANTA02H3, CLAA06H3 (CLAA02H3), (CTLA19H3), CTLA01H3, ENGA10H3, ENGA11H3, ENGB06H3, ENGB07H3, ENGB08H3, ENGB09H3, ENGB17H3, ENGB19H3, ENGB50H3, (ENGB51H3), GGRA02H3, GGRA03H3, GGRB05H3, (GGRB06H3), (HISA01H3), (HLTA01H3), ACMA01H3, (HUMA01H3), (HUMA11H3), (HUMA17H3), (LGGA99H3), LINA01H3, PHLA10H3, PHLA11H3, WSTA01H3.

Completion Requirements:

Program Requirements

This program requires 8.0 credits.

1. A-level courses

MATA22H3 Linear Algebra I for Mathematical Sciences

[CSCA08H3 Introduction to Computer Science I or CSCA20H3 Computer Science for the Sciences]

[MATA30H3 Calculus I for Physical Sciences or MATA31H3 Calculus I for Mathematical Sciences *]

[MATA36H3 Calculus II for Physical Sciences or MATA37H3 Calculus II for Mathematical Sciences *]

*The sequence MATA31H3 and MATA37H3 is recommended. MATA31H3 is the prerequisite for MATA37H3.

2. B-level courses

MATB24H3 Linear Algebra II

MATB41H3 Techniques of the Calculus of Several Variables I

MATB42H3 Techniques of the Calculus of Several Variables II

[STAB52H3 An Introduction to Probability or STAB53H3 Introduction to Applied Probability]*

STAB57H3 An Introduction to Statistics*

3. Upper-level courses

STAC67H3 Regression Analysis*

and

 $1.5 \frac{2.0}{2.0}$ credits from the following:

any C- or D-level STA courses, except: STAC32H3, STAC53H3 and STAD29H3

and

4. Electives

1.5 1.0 credit from the following:

STAA57H3, ACTB40H3, STAB41H3, MATB61H3, or any C- or D-level CSC, MAT or STA courses

*STAB52H3, STAB53H3, STAB57H3, STAC67H3 - These courses must be taken at UTSC. No substitutes are permitted without permission from of the program supervisor.

Description of Proposed Changes:

- 1. Recommended Writing course: Replace CLAA02H3 with CLAA06H3.
- 2. Requirement 2: adding STAB53H3 as an optional course to STAB52H3
- 3. Requirement 3: decreased requirement by 0.5 credit
- 4. Requirement 4: increased requirement by 0.5 credits.

Rationale:

- 1. The course CLAA02H3 is no longer offered by the department.
- 2. Adding the new course STAB53H3 will provide students more flexibility to complete the STA requirement
- 3, Reduction of 0.5 credits is to allow more flexibility and choice to Major students,
- 4. Increased CMS elective to also provide students with overall flexibility and ensure the total program credit requirement is not impacted.

Impact: None

Consultation: DCC Approval: October 3, 2022

Resource Implications: None

MINOR PROGRAM IN COMPUTER SCIENCE (SCIENCE)

Enrolment Requirements:

Enrolment Requirements

Enrolment in the Minor in Computer Science is limited.

Students may apply to enter the program after completing 4.0 credits, and must have passed the following CSC and MAT courses:CSCA08H3, CSCA48H3, and[one of: CSCA67H3, MATA67H3, MATA22H3, MATA23H3, MATA30H3, MATA31H3, or [(MATA32H3) or MATA34H3]]. Admission will be based on academic performance in these A-level courses. The admission requirements change each year depending on available spaces and the pool of eligible applicants, and students are cautioned that there is no guarantee of admission; as such, students are strongly advised to plan to enroll in backup programs.

For more information about the admission requirements, please visit the following <u>CMS webpage</u>. Students in the Minor may take a maximum of 3 CSC elective courses(1.5 credits)at the C-level and D-level.

Completion Requirements:

Program Requirements

This program may not be combined with any Major or Specialist Program in Computer Science, Mathematics or Statistics. It requires 4.0 credits as follows:

1. Introductory programming courses, 1.0 credit as follows:

CSCA08H3 Introduction to Computer Science I*

CSCA48H3 Introduction to Computer Science II

* Note: CSCA20H3 may be substituted for CSCA08H3 with permission of the Supervisor of Studies.

2. Basic mathematics courses, 0.5 credit from the following:

CSCA67H3/MATA67H3 Discrete Mathematics

MATA22H3 Linear Algebra I for Mathematical Sciences

MATA23H3 Linear Algebra I

MATA30H3 Calculus I for Physical Sciences

MATA31H3 Calculus I for Mathematical Sciences

MATA34H3 MATA32H3 Calculus for Management I

3. Intermediate programming, systems, and theory courses, 1.5 credits from the following:

CSCB07H3 Software Design

CSCB09H3 Software Tools and Systems Programming

CSCB20H3 Introduction to Databases and Web Applications

CSCB36H3 Introduction to the Theory of Computation**

CSCB58H3 Computer Organization

CSCB63H3 Design and Analysis of Data Structures***

** Note: CSCB36H3 requires CSCA67H3

*** Note: CSCB63H3 requires CSCB36H3

4. CSC electives, 1.0 credit as follows:

Any C- or D-level CSC courses*

* **Note**: Some C- or D-level courses have prerequisites that would have to be taken *in addition* to the 4 credits required for this program. Check the prerequisites carefully before selecting courses to satisfy this requirement.

Description of Proposed Changes:

Enrollment Requirement: Added the course MATA34H3 as an acceptable course to use in fulfilling the requirements for admission into the Computer Science minor program. Also, for clarity, changed "/" between CSCA67H3 & MATA67H3 to a ",".

Rationale:

MATA34H3 is replacing MATA32H3 therefore the department expects to see students who have taken either of these courses and are applying to the minor program.

Impact: None, students who already completed MATA32H3 will be able to use it to request admission to the minor, incoming students will take MATA34H3 instead, and be able to use it for admission into the minor.

Consultation: DCC Approval: October 3, 2022

Resource Implications: None

MINOR PROGRAM IN STATISTICS (SCIENCE)

Completion Requirements:

Program Requirements

This program requires 4.0 credits.

1. First Year (2.0 credits)

[CSCA08H3 Introduction to Computer Science I or CSCA20H3 Computer Science for the Sciences]

MATA23H3 Linear Algebra I

[MATA30H3 Calculus I for Physical Sciences *or* MATA31H3 Calculus I for Mathematical Sciences] and [MATA36H3 Calculus II for Physical Sciences *or* MATA37H3 Calculus II for Mathematical Sciences.]

Notes:

- 1. The sequence [MATA31H3 and MATA37H3] is recommended.
- 2. MATA31H3 is the pre-requisite for MATA37H3.

2. Second Year (1.0 credit)

STAB52H3 An Introduction to Probability

[STAB57H3 An Introduction to Statistics or STAB53H3 Introduction to Applied Probability]

3. Third and Fourth Year (0.5 credit)

STAC67H3 Regression Analysis

4. In addition, 0.5 credit must be chosen from any C- or D-level STA course (excluding STAC32H3, STAC53H3 and STAD29H3).

Description of Proposed Changes:

Requirement 2: added STAB53H3 as an alternative option to STAB52H3, listed under requirement (2).

Rationale:

The department is introducing a new course, STAB53H3, this course will be an alternative to STAB52H3, and will provide students with more flexibility to complete this program requirement.

Impact: None

Consultation: DCC Approval: October 3, 2022

Resource Implications: None

SPECIALIST PROGRAM IN COMPUTER SCIENCE (SCIENCE)

Enrolment Requirements:

Enrolment Requirements

Enrolment in the Specialist in Computer Science(all streams)is limited. Students may apply to enter the program after completing 4.0 credits, and must meet the requirements described below:

1. Students already admitted to the UTSC Year 1 Computer Science admissions category:

Required Courses:

Students must have passed the following CSC and MAT courses: CSCA08H3, CSCA48H3,[CSCA67H3 or MATA67H3], MATA22H3, MATA31H3, and MATA37H3.

Required Grades:

Students that meet all of the following requirements will be admitted to a CS Specialist POSt*:

- a. A cumulative grade point average (CGPA) of at least 2.5 over the following courses: CSCA48H3, CSC/MATA67H3, MATA22H3, MATA31H3, and MATA37H3;
- b. A final grade of at least B in CSCA48H3; and
- c. A final grade of at least C- in two of the following: CSC/MATA67H3, MATA22H3, and MATA37H3.
- *Students must select **one** stream of the CS Specialist as follows:
- a. Students can select either the Comprehensive stream or the Software Engineering stream.
- b. A limited number of students will be admitted to the Information Systems stream, depending on available space.
- c. Admission to the Entrepreneurship stream will be based in part on submission of a Supplementary Application Form (SAF) available on the Department of Computer and Mathematical Sciences website. Applications for admission will be accepted once per academic year, during the April-May POSt admissions round.

2. Students admitted to other UTSC Year 1 admissions categories:

Students that have been admitted to either the UTSC Year 1 Math or UTSC Year 1 Statistics admissions categories are eligible to apply for the Computer Science Specialist POSt. Admission will be based on academic performance in the required A-level courses, identified above. The admission requirements change each year depending on available spaces

and the pool of eligible applicants, and students are cautioned that there is no guarantee of admission; as such, students are strongly advised to plan to enroll in backup programs.

Students that have not been admitted to a UTSC Year 1 CMS admissions category (Computer Science, Mathematics, or Statistics) must achieve a final grade of at least A- in both MATA31H3 and CSC/MATA67H3 the first time they complete these courses in order to be eligible to apply for a CS Specialist POSt. This is a strict requirement. Admission will be based on academic performance in the required A-level courses, identified above. The admission requirements change each year depending on available spaces and the pool of eligible applicants, and students are cautioned that there is no guarantee of admission; as such, students are strongly advised to plan to enroll in backup programs.

For more information about the admission requirements, please visit the following CMS webpage.

To remain in the program, a student must maintain a CGPA of 2.0 or higher throughout the program.

Note: Students admitted to the program after second or third year will be required to pay retroactive deregulated program fees.

Completion Requirements:

Program Requirements

The program requirements comprise a core of 18 courses (9.0 credits), common to all streams and additional requirements which depend on the stream, for a total of 27 courses (13.5 credits) for the Comprehensive, Software Engineering, and Entrepreneurship streams, and 29 courses (14.5 credits) for the Information Systems stream.

Note: Many Computer Science courses are offered both at U of T Scarborough and at the St. George campus. When a course is offered at both campuses in a given session, U of T Scarborough students are expected to take that course at U of T Scarborough. The Department of Computer Science at the St. George campus cannot guarantee space for U of T Scarborough students in their courses, especially those offered at both campuses.

Core (9.0 credits)

1. Writing Requirement (0.5 credit)*

0.5 credit from the following: ANTA01H3, ANTA02H3, CLAA06H3 (CLAA02H3), (CTLA19H3), CTLA01H3, ENGA10H3, ENGA11H3, ENGB06H3, ENGB07H3, ENGB08H3, ENGB09H3, ENGB17H3, ENGB19H3, ENGB50H3, (ENGB51H3), GGRA02H3, GGRA03H3, GGRB05H3, (GGRB06H3), (HISA01H3), (HLTA01H3), ACMA01H3, (HUMA01H3), (HUMA11H3), (HUMA17H3), (LGGA99H3), LINA01H3, PHLA10H3, PHLA11H3, WSTA01H3. *Note: It is recommended that this requirement be satisfied by the end of the second year.

2. A-level courses (3.0 credits)

CSCA08H3 Introduction to Computer Science I

CSCA48H3 Introduction to Computer Science II

CSCA67H3 Discrete Mathematics

MATA22H3 Linear Algebra I for Mathematical Sciences

MATA31H3 Calculus I for Mathematical Sciences

MATA37H3 Calculus II for Mathematical Sciences

3. B-level courses (3.5 credits)

CSCB07H3 Software Design

CSCB09H3 Software Tools and Systems Programming

CSCB36H3 Introduction to the Theory of Computation

CSCB58H3 Computer Organization

CSCB63H3 Design and Analysis of Data Structures

MATB24H3 Linear Algebra II

STAB52H3 Introduction to Probability

4. C-level courses (1.5 credits)

CSCC43H3 Introduction to Databases

CSCC69H3 Operating Systems CSCC73H3 Algorithm Design and Analysis

5. D-level courses (0.5 credit)

CSCD03H3 Social Impact of Information Technology

A. Comprehensive Stream

This stream requires a total of 27 courses (13.5 credits). In addition to the core requirements 1-5 common to all streams, 9 other distinct courses (4.5 credits) must be chosen to satisfy all of the following requirements:

6. Additional required courses (2.5 credits)

CSCC24H3 Principles of Programming Languages

CSCC37H3 Introduction to Numerical Algorithms for Computational Mathematics

CSCC63H3 Computability and Computational Complexity

CSCD37H3 Analysis of Numerical Algorithms for Computational Mathematics

MATB41H3 Techniques of the Calculus of Several Variables I

7. Electives from courses on computer systems and applications (1.0 credit)

Choose from:

CSCC01H3 Introduction to Software Engineering

CSCC09H3 Programming on the Web

CSCC10H3 Human-Computer Interaction

CSCC11H3 Introduction to Machine Learning and Data Mining

CSCC46H3 Social and Information Networks

CSCC85H3 Fundamentals of Robotics and Automated Systems

CSCD01H3 Engineering Large Software Systems

CSCD18H3 Computer Graphics

CSCD25H3 Advanced Data Analysis

CSCD27H3 Computer and Network Security

CSCD43H3 Database System Technology

CSCD58H3 Computer Networks

CSCD70H3 Compiler Optimization

CSCD84H3 Artificial Intelligence

CSC320H Visual Computing

CSC321H Introduction to Neural Networks and Machine Learning

CSC401H Natural Language Computing

CSC469H Operating Systems Design and Implementation

CSC485H Computational Linguistics

CSC488H Compilers and Interpreters

8. Electives from courses related to the theory of computing (0.5 credit)

Choose from:

MATC09H3 Introduction to Mathematical Logic

MATC32H3 Graph Theory and Algorithms for its Applications

MATC44H3 Introduction to Combinatorics

MATD16H3 Coding Theory and Cryptography

CSC438H Computability and Logic

CSC448H Formal Languages and Automata

CSC465H Formal Methods in Software Design

9. CSC, MAT, or STA elective (0.5 credit)

Any C- or D-level CSC, MAT, or STA course, excluding MATC82H3, MATC90H3, STAC32H3, STAC53H3 and STAD29H3.

B. Software Engineering Stream

This stream requires a total of 27 courses (13.5 credits). In addition to the core requirements 1-5 common to all streams, 9 other distinct courses (4.5 credits) must be chosen to satisfy all of the following requirements:

6. Additional required courses (3.0 credits)

CSCC01H3 Introduction to Software Engineering

CSCC24H3 Principles of Programming Languages

CSCC37H3 Introduction to Numerical Algorithms for Computational Mathematics

CSCC63H3 Computability and Computational Complexity

CSCD01H3 Engineering Large Software Systems

MATB41H3 Techniques of the Calculus of Several Variables I

7. Electives from courses on computer systems and applications (1.5 credits)

Choose from:

CSCC09H3 Programming on the Web

CSCC10H3 Human-Computer Interaction

CSCC11H3 Introduction to Machine Learning and Data Mining

CSCC46H3 Social and Information Networks

CSCC85H3 Fundamentals of Robotics and Automated Systems

CSCD18H3 Computer Graphics

CSCD25H3 Advanced Data Analysis

CSCD27H3 Computer and Network Security

CSCD43H3 Database System Technology

CSCD58H3 Computer Networks

CSCD70H3 Compiler Optimization

CSCD84H3 Artificial Intelligence

CSC320H Visual Computing

CSC321H Introduction to Neural Networks and Machine Learning

CSC401H Natural Language Computing

CSC469H Operating Systems Design and Implementation

CSC485H Computational Linguistics

CSC488H Compilers and Interpreters

C. Information Systems Stream

This stream requires a total of 29 courses (14.5 credits). In addition to the core requirements 1-5 common to all streams, 11 other distinct courses (5.5 credits) must be chosen to satisfy all of the following requirements:

6. Required management courses (1.5 credits)

MGTA01H3 Introduction to Business

MGTA02H3 Managing the Business Organization

MGHB02H3 Managing People and Groups in Organizations

7. Additional required mathematics and computer science courses (3.0 credits)

CSCC01H3 Introduction to Software Engineering

CSCC37H3 Introduction to Numerical Algorithms for Computational Mathematics

CSCC63H3 Computability and Computational Complexity

CSCD01H3 Engineering Large Software Systems

CSCD43H3 Database System Technology

MATB41H3 Techniques of the Calculus of Several Variables I

8. Electives from courses on computer systems and applications (1.0 credit)

Choose from:

CSCC09H3 Programming on the Web

CSCC10H3 Human-Computer Interaction

CSCC11H3 Introduction to Machine Learning and Data Mining

CSCC46H3 Social and Information Networks

CSCC85H3 Fundamentals of Robotics and Automated Systems

CSCD18H3 Computer Graphics

CSCD25H3 Advanced Data Analysis

CSCD27H3 Computer and Network Security

CSCD58H3 Computer Networks

CSCD70H3 Compiler Optimization

CSCD84H3 Artificial Intelligence

CSC320H Visual Computing

CSC321H Introduction to Neural Networks and Machine Learning

CSC401H Natural Language Computing

CSC469H Operating Systems Design and Implementation

CSC485H Computational Linguistics

CSC488H Compilers and Interpreters

D. Entrepreneurship Stream

This stream requires a total of 27 courses (13.5 credits). In addition to the core requirements 1-5 common to all streams, 9 other distinct courses (4.5 credits) must be chosen to satisfy all of the following requirements:

6. Additional required courses (3.0 credits)

CSCC01H3 Introduction to Software Engineering

CSCC37H3 Introduction to Numerical Algorithms for Computational Mathematics

CSCC63H3 Computability and Computational Complexity

CSCD01H3 Engineering Large Software Systems

CSCD54H3 Technology Innovation and Entrepreneurship

CSCD90H3 The Startup Sandbox

7. Electives from courses in computer science, mathematics, and statistics (1.5 credits)

Choose from:

CSCC09H3 Programming on the Web

CSCC10H3 Human-Computer Interaction

CSCC11H3 Introduction to Machine Learning and Data Mining

CSCC24H3 Principles of Programming Languages

CSCC46H3 Social and Information Networks

CSCC85H3 Fundamentals of Robotics and Automated Systems

CSCD18H3 Computer Graphics

CSCD25H3 Advanced Data Analysis

CSCD27H3 Computer and Network Security

CSCD43H3 Database System Technology

CSCD58H3 Computer Networks

CSCD70H3 Compiler Optimization

CSCD84H3 Artificial Intelligence

MATB41H3 Techniques of the Calculus of Several Variables I

STAB57H3 Introduction to Statistics

CSC320H Visual Computing

CSC321H Introduction to Neural Networks and Machine Learning

CSC401H Natural Language Computing

CSC469H Operating Systems Design and Implementation

CSC485H Computational Linguistics

CSC488H Compilers and Interpreters

Description of Proposed Changes:

- 1. Program Description: Added a sentence on the application process.
- 2. Recommended writing courses: placed CLAA02H3with CLAA06H3

Rationale:

- 1. This is intended to reduce confusion caused by students expecting applications for admission to entrepreneurship to also be processed during the August POSt admissions round.
- 2. The course CLAA02H3 is no longer offered.

Impact: None

Consultation: DCC Approval: October 3, 2022

Resource Implications: None

SPECIALIST PROGRAM IN MATHEMATICS (SCIENCE)

Enrolment Requirements:

Enrolment Requirements

Enrolment in the Specialist Program in Mathematics(all streams) is limited. Students may apply to enter the program after completing 4.0 credits, and must meet the requirements described below:

1. Students already admitted to the UTSC Year 1 Mathematics admissions category:

Required Courses:

Students must have passed the following CSC and MAT courses: [CSCA08H3 or CSCA20H3], [CSCA67H3 or MATA67H3], MATA22H3, MATA31H3, and MATA37H3.

Required Grades:

Students that meet all of the following requirements will be admitted to a Mathematics Specialist POSt*of their choice: a. A cumulative grade point average (CGPA) of at least 2.5 over the following courses: CSC/MATA67H, MATA22H3, MATA31H3, and MATA37H3; and

b. A final grade of at least B in two of the following: CSC/MATA67H3, MATA22H3, and MATA37H3.

*Students must select one stream of the Mathematics Specialist.

2. Students admitted to other UTSC Year 1 admissions categories:

Students that have been admitted to other CMS admissions categories (Computer Science or Statistics) or any other of the UTSC Year 1 admissions categories are eligible to apply for a Mathematics Specialist POSt. Admission will be based on academic performance in the required A-level courses, identified above. The admission requirements change each year depending on available spaces and the pool of eligible applicants, and students are cautioned that there is no guarantee of admission; as such, students are strongly advised to plan to enroll in backup programs.

For more information about the admission requirements, please visit the following CMS webpage .

Completion Requirements:

Program Requirements

The Program requirements consist of a core 15 courses (7.5 credits), common to all streams, and additional requirements that depend on the stream, for a total of 26-27 courses (13.0-13.5 credits).

The structure of the programs allows for easy switching between streams until relatively late. Consequently, these programs should not be viewed as rigidly separated channels feeding students to different career paths, but as a flexible structure that provides guidance to students in their course selection based on their broad (but possibly fluid) interests.

Core (7.5 credits)

1. Writing Requirement (0.5 credit) (*)

0.5 credits from the following: ANTA01H3, ANTA02H3, CLAA06H3 (CLAA02H3), (CTLA19H3), CTLA01H3, ENGA10H3, ENGA10H3, ENGB06H3, ENGB07H3, ENGB08H3, ENGB09H3, ENGB17H3, ENGB19H3, ENGB50H3, (ENGB51H3), GGRA02H3, GGRA03H3, GGRB05H3, (GGRB06H3), (HISA01H3), (HLTA01H3), ACMA01H3, (HUMA01H3), (HUMA11H3), (HUMA17H3), (LGGA99H3), LINA01H3, PHLA10H3, WSTA01H3.

(*) It is recommended that this requirement be satisfied by the end of the second year.

2. A-level courses (2.5 credits)

[CSCA08H3 Introduction to Computer Science I or CSCA20H3 Introduction to Programming]

MATA22H3 Linear Algebra I for Mathematical Sciences

MATA31H3 Calculus I for Mathematical Sciences

MATA37H3 Calculus II for Mathematical Sciences

[MATA67H3 or CSCA67H3 Discrete Mathematics]

3. B-level courses (3.5 credits)

MATB24H3 Linear Algebra II

MATB41H3 Techniques of the Calculus of Several Variables I

MATB42H3 Techniques of the Calculus of Several Variables II

MATB43H3 Introduction to Analysis

MATB44H3 Differential Equations I

STAB52H3 Introduction to Probability (* *)

STAB57H3 Introduction to Statistics (* *)

(* *) This course may be taken after the second year, except for the Statistics stream.

4. C-level courses (1.0 credit)

MATC01H3 Groups and Symmetry

MATC34H3 Complex Variables

A. Comprehensive Stream

This stream requires a total of 27 courses (13.5 credits) In addition to the core requirements 1-4 common to all streams, 12 other distinct courses must be chosen satisfying all of the following requirements:

5. Additional courses in analysis and algebra (1.5 credits):

1.5 credits from the following:

MATC37H3 Introduction to Real Analysis

MATC46H3 Differential Equations II

MATD01H3 Fields and Groups

MATD35H3 Introduction to Discrete Dynamical Systems

MATD46H3 Partial Differential Equations

6. Courses in key areas of mathematics (1.0 credit):

1.0 credit from the following:

MATC15H3 Introduction to Number Theory

MATC27H3 Introduction to Topology

MATC63H3 Differential Geometry

MATD02H3 Classical Plane Geometries and their Transformations

MATD34H3 Complex Variables II

7. Mathematics of computation (1.0 credit):

1.0 credit from the following:

CSCC37H3 Introduction to Numerical Algorithms for Computational Mathematics

CSCC63H3 Computability and Computational Complexity

CSCC73H3 Algorithm Design and Analysis

MATC09H3 Introduction to Mathematical Logic

MATC32H3 Graph Theory and Algorithms for its Applications

MATC44H3 Introduction to Combinatorics

MATD16H3 Coding Theory and Cryptography

MATD44H3 Topics in Combinatorics

8. Electives (2.5 credits):

2.5 credits from CSC/MAT/STA/PHY of which at least 1.5 must be at the C- or D-level MAT courses.

B. Statistics Stream

This stream requires a total of 26 courses (13.0 credits). In addition to the core requirements 1-4 common to all streams, 11 other distinct courses must be chosen, satisfying all of the following requirements (in choosing courses to satisfy requirements 7-9, students must select at least one D-level course).

5. Algebra and Analysis (1.5 credits):

MATB61H3 Linear Programming and Optimization

MATC46H3 Differential Equations II

MATD01H3 Fields and Groups

6. Statistics (1.5 credits):

STAC58H3 Statistical Inference

STAC62H3 Probability and Stochastic Processes I

STAC67H3 Regression Analysis

7. Discrete mathematics and geometry (0.5 credit):

0.5 credit from the following:

MATC32H3 Graph Theory and Algorithms for its Applications

MATC44H3 Introduction to Combinatorics

MATD02H3 Classical Plane Geometries and their Transformations

MATD44H3 Topics in Combinatorics

MATD50H3 Mathematical Introduction to Game Theory

8. Upper-level MAT electives (1.0 credit):

1.0 credit from any C- or D-level MAT courses (*)

(*) For students wishing to pursue graduate studies in Mathematics or Statistics it is recommended that MATC37H3 be chosen as one of these two courses.

9. Upper-level STA electives (1.0 credit):

1.0 credit from the following:

(ACTB47H3) Introductory Life Contingencies

Any C- or D-level STA course, excluding STAC32H3, STAC53H3 and STAD29H3

C. Teaching Stream

This stream requires a total of 26 courses (13.0 credits). In addition to the core requirements 1-4 common to all streams, 11 other distinct courses must be chosen, satisfying all of the following requirements:

5. Algebra, analysis, and geometry (1.5 credits):

1.5 credits from the following:

MATC15H3 Introduction to Number Theory

MATD01H3 Fields and Groups

MATD02H3 Classical Plane Geometries and their Transformations

MATD35H3 Introduction to Discrete Dynamical Systems

MATD46H3 Partial Differential Equations

6. Discrete mathematics (0.5 credit):

0.5 credit from the following:

MATC32H3 Graph Theory and Algorithms for its Applications

MATC44H3 Introduction to Combinatorics

MATD44H3 Topics in Combinatorics

7. MAT electives (1.5 credits):

1.5 credits of any C- or D-level MAT courses

8. MAT/STA/CSC electives (2.0 credits):

2.0 credits of any C- or D-level MAT, STA, CSC courses, excluding STAC32H3, STAC53H3 and STAD29H3 It is recommended that students obtain a TA-ship within the Department of Computer and Mathematical Sciences.

Description of Proposed Changes:

- 1. Enrollment Requirements & Core -requirement 2: Deleted CSCA20H3 as an optional course, making CSCA08H3 required.
- 2. Writing Course: Replaced CLAA02H3 with CLAA06H3

Rationale:

- 1. CLA20H3 is no longer a relevant course to fulfil this program requirement.
- 2. The course CLAA02H3 is no longer offered.

Impact: None

Consultation: DCC Approval: October 3, 2022

Resource Implications: None

19 Course Modifications:

ACTB40H3: Fundamentals of Investment and Credit

Prerequisites: MATA30H3 or MATA31H3 or MATA34H3 MATA32H3

Rationale: The course prerequisites are being changed because MATA32H3 is being replaced with the new course

MATA34H3.

Consultation: DCC Approval: October 3, 2022.

Resources: None

MATA02H3: The Magic of Numbers

Exclusions: (MATA20H3), MATA23H3, MATA30H3, MATA31H3, MATA32H3, MAT102H, MAT123H, MAT125H, MAT133Y, MAT135Y, MAT135Y, MAT137Y, MAT157Y MATA29H3, MATA30H3, MATA31H3, (MATA32H3), MATA34H3 (or equivalent). These courses cannot be taken previously or concurrently with MATA02H3.

Note: MATA02H3 is primarily intended as a breadth requirement course for students in the Humanities and Social Sciences.

Rationale:

- 1. The course exclusions are being changed because MATA32H3 & MATA33H3 are being replaced with MATA34H3. Also, MATA29H3 was previously not included as an exclusion when it should be due to significant overlap with this course, this correction has been made.
- 2. A note was added to specify what MATA02H3 with important information for students.

Consultation: DCC Approval: October 3, 2022

Resources: None

MATA29H3: Calculus I for the Life Sciences

Exclusions: (MATA20H3), (MATA27H3), MATA30H3, MATA31H3, (MATA32H3), MATA34H3, MAT123H, MAT124H, MAT125H, MAT126H, MAT133Y, MAT135Y, MAT137H5 and MAT139H5 MAT137Y, MAT157H5 and MAT159H5 MAT157Y, JMB170Y

Rationale: The course exclusions are being changed because MATA32H3 & MATA33H3 are being replaced with MATA34H3. UTM has made changed to their courses that also impact the inclusions for this course, this change has been reflected.

Consultation: DCC Approval: October 3, 2022

Resources: None.

MATA30H3: Calculus I for Physical Sciences

Exclusions: (MATA20H3), (MATA27H3), MATA29H3, MATA31H3, (MATA32H3), MATA34H3, MAT123H, MAT124H, MAT125H, MAT126H, MAT133Y, MAT135Y, MAT137H5 and MAT139H5 MAT137Y, MAT157H5 and MAT159H5 MAT157Y, JMB170Y

Rationale:

The course exclusions are being changed because MATA32H3 & MATA33H3 are being replaced with MATA34H3. UTM has also made changes to their courses that impact the course exclusions for this course, this has been reflected.

Consultation: DCC Approval: October 3, 2022

Resources: None

MATA31H3: Calculus I for Mathematical Sciences

Exclusions: (MATA20H3), (MATA27H3), MATA29H3, MATA30H3, (MATA32H3), MATA34H3, MAT123H, MAT124H, MAT125H, MAT126H, MAT133Y, MAT135Y, MAT137H5 and MAT139H5 MAT137Y, MAT157H5 and MAT159H5 MAT157Y, JMB170Y

Rationale:

The course exclusions are being changed because MATA32H3 & MATA33H3 are being replaced with MATA34H3. UTM has also made changes to their courses that impact the course exclusions for this course, this has been reflected.

Consultation: DCC Approval: Oct 3, 2022

Resources: None

MATA35H3: Calculus II for Biological Sciences

Exclusions: (MATA21H3), (MATA33H3), MATA34H3, MATA36H3, MATA37H3, MAT123H, MAT124H, MAT125H, MAT126H, MAT133Y, MAT135Y, MAT137H5 and MAT139H5 MAT137Y, MAT157H5 and MAT159H5 MAT157Y, JMB170Y, (MATA27H3)

Rationale:

The course exclusions are being changed because MATA32H3 & MATA33H3 are being replaced with MATA34H3. UTM has also made changes to their courses that impact the course exclusions for this course, this has been reflected.

Consultation: DCC Approval: October 3, 2022

Resources: None

MATA36H3: Calculus II for Physical Sciences

Prerequisites: MATA30H3 or [MATA32H3 and MATA33H3

Exclusions: (MATA21H3), MATA35H3, MATA37H3, MAT123H, MAT124H, MAT125H, MAT126H, MAT133Y, MAT135Y, MAT137H5 and MAT139H5 MAT137Y, MAT157H5 and MAT159H5 MAT157Y, JMB170Y

Note: Note: Students who have completed MATA34H3 must still take MATA30H3

Rationale:

- 1. The prerequisite statement is being revised to ensure students are better prepared for this course.
- 2. The course exclusions are being changed because MATA32H3 & MATA33H3 are being replaced with MATA34H3. UTM has also made changes to their courses that impact the course exclusions for this course, this has been reflected.
- 3. The course note is being added to let students know the important prerequisite requirements

Consultation: DCC Approval: October 3, 2022

Resources: \None

MATA37H3: Calculus II for Mathematical Sciences

Exclusions: (MATA21H3), (MATA33H3), MATA34H3, MATA35H3, MATA36H3, MAT123H, MAT124H,

MAT125H, MAT126H, MAT133Y, MAT135Y, MAT137H5 and MAT139H5 MAT137Y, MAT157H5 and MAT159H5

MAT157Y, JMB170Y

Rationale:

The course exclusions are being changed because MATA32H3 & MATA33H3 are being replaced with MATA34H3. UTM has also made changes to their courses that impact the course exclusions for this course, this has been reflected.

Consultation: DCC Approval: October 3, 2022

Resources: None

MATB41H3: Techniques of the Calculus of Several Variables I

Prerequisites: [MATA22H3 or MATA23H3 or MAT223H] and [[MATA36H3 or MATA37H3] or [MAT137H5 and MAT139H5] MAT137Y or [MAT157H5 and MAT159H5 MAT157Y]]

Rationale: The prerequisite statement is being revised because UTM has made changes to their courses

Consultation: DCC Approval: October 3, 2022.

Resources: None

MATB43H3: Introduction to Analysis

Prerequisites: [MATA37H3 or [MAT137H5 and MAT139H5] MAT137Y] and MATB24H3

Rationale: The prerequisite statement is being revised because UTM has made changes to their courses.

Consultation: DCC Approval: October 3, 2022

Resources: None

MATD10H3: Topics in Mathematics

Prerequisites: Permission from of the instructor is required. Typically, this will require that the student has completed courses such as: MATC01H3 and MATC34H3 and[(MATC35H3)or MATC37H3]and [MATC15H3 or MATD02H3] but, depending on the topics covered, the instructor may specify alternative course requirements.

Rationale: The course prerequisites have been revised to ensure students are better prepared for this course.

Consultation: DCC Approval: October 3, 2022

Resources: None

MATD11H3: Topics in Mathematics

Prerequisites: Permission from of the instructor is required. Typically this will require that the student has completed courses such as MATC01H3 and MATC34H3 and [(MATC35H3)or MATC37H3]and [MATC15H3 or MATD02H3] but, depending on the topics covered, the instructor may specify alternative course requirements.

Rationale:

The course prerequisites have been revised to ensure students are better prepared for this course.

Consultation: DCC Approval: October 3, 2022

Resources: None

MATD12H3: Topics in Mathematics

Prerequisites: Permission from of the instructor is required. Typically this will require that the student has completed courses such as MATC01H3 and MATC34H3 and[(MATC35H3)or MATC37H3]and [MATC15H3 or MATD02H3] but, depending on the topics covered, the instructor may specify alternative course requirements.

Rationale:

The course prerequisites have been revised to ensure students are better prepared for this course.

Consultation: DCC Approval: October 3, 2022

Resources: None

MATD16H3: Coding Theory and Cryptography

Prerequisites: MATC15H3 and [STAB52H3 or STAB53H3]

Rationale:

The prerequisite statement is being revised to provide students more flexibility by adding the new course STAB53H3 as an option to STAB52H3.

Consultation: DCC Approval: October 3, 2022

Resources: None

MATD44H3: Topics in Combinatorics

Prerequisites: STAB52H3 and [MATC32H3 or MATC44H3]

Rationale: The prerequisite statement is being revised to provide students with more enrolment flexibility.

Consultation: DCC Approval: October 3, 2022

Resources: None

MATD50H3: Mathematical Introduction to Game Theory

Prerequisites: MATB24H3 and [STAB52H3 or STAB53H3]

Rationale:

The prerequisite statement is being revised to provide students with more enrolment flexibility by adding the new course STAB53H3 as an option to STAB52H3.

Consultation: DCC Approval: October 3, 2022

Resources: None

STAB41H3: Financial Derivatives

Prerequisites: ACTB40H3 or MGFB10H3

Rationale: The course prerequisites are being revised to provide the Double Degree in Management & Finance (BBA) and Statistics—Quantitative Finance Stream (BSc) students more flexibility in satisfying program requirements.

Consultation: Management Consultation: Oct 28, 2021.

DCC Approval: October 3, 2022

Resources: None

STAB52H3: An Introduction to Probability

Prerequisites: MATA33H3 or MATA36H3 or MATA37H3 MATA22H3 and MATA37H3

Exclusions: STAB53H3, PSYB07H3, STA107H, STA237H1, STA247H1, STA257H, STA246H5, STA256H5

Rationale:

- 1. The course prerequisites are being revised to provide students with more enrolment flexibility
- 2. The course exclusions are being added due to significant overlap with this course.

Consultation:

DCC Approval: October 3, 2022.

Consultations with the impacted units of Management (Aug 25, 2022) and Physical & Environmental Sciences (Aug 25, 2022). These departments know the changes and will submit appropriate proposals to accommodate them.

Resources: None

STAB57H3: An Introduction to Statistics

Prerequisites: [STAB52H3 or STAB53H3]

Rationale:

The course prerequisites are being revised to include the new course STAB53H3, this will provide students more flexibility.

Consultation: DCC Approval: October 3, 2022

Resources: None

2 Retired Courses:

MATA32H3: Calculus for Management I

Rationale:

A new single-semester course MATA34H3 is replacing MATA32H3 and MATA33H3, as requested by the Department of Management. The contents are part of the curriculum in MATA32H3 and MATA33H3. This will impact Dept of Management, but they are closely involved in developing this course.

Consultation: DCC Approval: October 3, 2022.

MATA33H3: Calculus for Management II

Rationale:

A new single-semester course MATA34H3 is replacing MATA32H3 and MATA33H3, as requested by the Department of Management. The contents are part of the curriculum in MATA32H3 and MATA33H3. This will impact Dept of Management, but they are closely involved in developing this course.

Consultation: DCC Approval: October 3, 2022

English (UTSC), Department of

1 Course Modification:

ENGB31H3: The Romance: In Quest of the Marvelous

Description:

A study of the romance a genre whose episodic tale of marvellous adventures and questing heroes have been both criticized and celebrated. This course looks at the range of a form stretching from Malory and Spenser through Scott and Tennyson to contemporary forms such as fantasy, science fiction, postmodern romance, and the romance novel.

Pre-1900 course

Breadth Requirements: Arts, Literature and Language

Exclusions: (ENGC31H3)

Rationale:

The course description and exclusions for this course have been updated to remove ENGC31H3 as it no longer has significant overlap with this course.

Consultation:

DCC Approval: September 6, 2022

Resources:

None.

2 Minor Program Modifications:

MINOR PROGRAM IN AFRICAN STUDIES (ARTS)

Description:

Program Coordinator: Arifa Akhter Nitol Marishka Pereira (416) 208-4811 Email: arifa.nitol@utoronto.ca

marishka.pereira@utoronto.ca

Completion Requirements:

Program Requirements

Students must complete 4.0 credits, 1.0 credit of which must be at the C- or D-level

1. 1.0 credit as follows:

AFSA01H3/HISA08H3 Africa in the World: An Introduction

AFSB01H3/HISB52H3 African Religious Traditions Through History

2. 1.0 credit from the following (students should check course descriptions for prerequisites):

AFSA03H3/IDSA02H3 Experiencing Development in Africa

AFSB05H3/ANTB05H3 Culture and Society in Africa

AFSB50H3/HISB50H3 Africa in the Era of the Slave Trade

AFSB51H3/HISB51H3 Africa from the Colonial Conquests to Independence

AFSB54H3/HISB54H3 Africa in the Postcolonial Era

AFSC30H3/HISC96H3 Language and Society in the Arab World

AFSC52H3/HISC52H3/VPHC52H3 Ethiopia: Seeing History

AFSC53H3/WSTC10H3 Gender and Critical Development

AFSC55H3/HISC55H3 War and Society in Modern Africa

AFSC70H3/HISC70H3 The Caribbean Diaspora

AFSC97H3/HISC97H3 Women and Power in Africa

AFSD07H3/IDSD07H3 Extractive Industries in Africa

AFSD51H3/HISD51H3 Southern Africa: Colonial Rule, Apartheid and Liberation

AFSD52H3/HISD52H3 East African Societies in Transition

AFSD53H3/GASD53H3/HISD53H3 Africa and Asia in the First World War

3. 2.0 credits from the following list (students should check course descriptions for prerequisites):

Note: Though not required, students are encouraged to specialize in one of the areas of concentration below.

Africa the Continent

AFSA03H3/IDSA02H3 Experiencing Development in Africa (if not used in Requirement 2)

AFSB05H3/ANTB05H3 Culture and Society in Africa (if not used in Requirement 2)

AFSB50H3/HISB50H3 Africa in the Era of the Slave Trade (if not used in Requirement 2)

AFSB51H3/HISB51H3 Africa from the Colonial Conquests to Independence (if not used in Requirement 2)

AFSB54H3/HISB54H3 Africa in the Postcolonial Era (if not used in Requirement 2)

AFSC52H3/HISC52H3/VPHC52H3 Ethiopia: Seeing History (if not used in Requirement 2)

AFSC53H3/WSTC10H3 Gender and Critical Development (if not used in Requirement 2)

AFSC55H3/HISC55H3 War and Society in Modern Africa (if not used in Requirement 2)

AFSC97H3/HISC97H3 Women and Power in Africa (if not used in Requirement 2)

AFSD07H3/IDSD07H3 Extractive Industries in Africa (if not used in Requirement 2)

AFSD51H3/HISD51H3 Southern Africa: Colonial Rule, Apartheid and Liberation (if not used in Requirement 2)

AFSD52H3/HISD52H3 East African Societies in Transition (if not used in Requirement 2)

AFSD53H3/GASD53H3/HISD53H3 Africa and Asia in the First World War (if not used in Requirement 2)

(ANTC06H3) African Cultures and Societies II: Case Studies

ENGB22H3 Contemporary Literature from Africa

ENGD08H3 Topics in African Literature

GGRC25H3 Land Reform and Development

HISD50H3 Southern Africa: Conquest and Resistance, 1652-1900

POLC80H3 International Relations of Africa

VPHB50H3 Africa through the Photographic Lens

(VPHB65H3) Exhibiting Africa: Spectacle and the Politics of Representation

Note: We that students interests in courses from the above customer expanded their language skills in Swahili

The Black Diaspora

AFSC70H3/HISC70H3 The Caribbean Diaspora (if not used in Requirement 2)

ENGB17H3 Contemporary Literature from the Caribbean

ENGC14H3 Black Canadian Literature

ENGD13H3 Rap Poetics

(ENGD61H3) James Baldwin, the African American Experience, and the Liberal Imagination

FREB28H3 The Francophone World

FREB35H3 Francophone Literature

FREC47H3 Pidgin and Creole Languages

FREC83H3 Cultural Identities and Stereotypes in the French-Speaking World

HISB02H3 The British Empire: A Short History

HISC08H3 Colonialism on Film

HISC09H3 Pirates of the Caribbean

HISC34H3 Race, Segregation, Protest: South Africa and the United States

HISC39H3 Hellhound on My Trail: Living the Blues in the Mississippi Delta, 1890-1945

HISC68H3 Constructing the Other: Orientalism through Time and Place

HISD70H3 History of Empire and Foods

IDSC19H3/AFSC19H3 Community-driven Development: Cooperatives, Social Enterprises and the Black Social Economy

IDSD16H3/AFSD16H3 Africana Political Economy in Comparative Perspective

POLC31H3 Contemporary Africana Social and Political Philosophy

POLD74H3 The Black Radical Tradition

North Africa and the Middle East

AFSC30H3/HISC96H3 Language and Society in the Arab World (if not used in Requirement 2)

CLAC05H3/HISC10H3 Beyond Cleopatra: Decolonial Approaches to Ancient Egypt

ENGC51H3 Contemporary Arab Women Writers

HISC96H3 Language and Society in the Arab World

HISD57H3 Conflict in the Horn of Africa, 13th through 21st Centuries

HISD63H3 The Crusades: I

HISD64H3 The Crusades: II

(LGGA40H3) Introductory Modern Standard Arabic I

(LGGA41H3) Introductory Modern Standard Arabic II

(LGGB42H3) Intermediate Modern Standard Arabic I

(LGGB43H3) Intermediate Modern Standard Arabic II

(LGGB45H3) Modern Standard Arabic I for Students with Prior Background

POLC96H3 State Formation and Authoritarianism in the Middle East

POLC97H3 Protest Politics in the Middle East

SOCC29H3 Family and Gender in the Middle East

WSTC13H3 Women, Gender and Islam

Africa and Toronto

CITC01H3 Urban Communities and Neighbourhoods Case Study: East Scarborough

FREC10H3 Community-Based Learning in the Francophone Community

GGRC33H3 The Toronto Region

HISC45H3 Immigrants and Race Relations in Canadian History

SOCD21H3 Immigrant Scarborough

WSTB06H3 Women in Diaspora

Note: Not all courses in Requirement #2 and #3 are offered every year.

Description of Proposed Changes:

- 1. Updated program advisor infor
- 2. Requirement 3: Added AFSC19H3 and AFSD16H3 as they are now double numbered with IDSC19H3 and IDSD16H3 respectively. HISD57H3 has been added to the list of options too.

Rationale:

- 1. Updated information to ensure accuracy
- 2. New courses AFSC19H3/D16H3 are double numbered with IDSC19H3/D16H3, this change is necessary to ensure accuracy throughout the Calendar. HISD57H3 has been added to provide students with more options to complete this program requirement.

Impact: None.

Consultation: DCC Approval: September 19, 2022

Resource Implications: None.

SPECIALIST PROGRAM IN INTERNATIONAL DEVELOPMENT STUDIES (ARTS)

Completion Requirements:

Program Requirements

This program requires the completion of 13.0 credits, of which at least 4.0 credits must be at the C- or D-level including at least 1.0 credit at the D-level.

1. Introduction to International Development Studies (2.0 credits as follows)

IDSA01H3 Introduction to International Development Studies

[MGEA01H3 Introduction to Microeconomics or MGEA02H3 Introduction to Microeconomics: A Mathematical Approach]

[MGEA05H3 Introduction to Macroeconomics *or* MGEA06H3 Introduction to Macroeconomics: A Mathematical Approach]

EESA01H3 Introduction to Environmental Science

2. Core courses in International Development (at least 3.0 credits from among the following)

IDSB01H3 Political Economy of International Development

IDSB02H3 Development and Environment

IDSB04H3 Introduction to International/Global Health

IDSB06H3 Equity, Ethics and Justice in International Development

IDSB07H3 Confronting Development's Racist Past and Present

POLB90H3 Comparative Development in International Perspective

POLB91H3 Comparative Development in Political Perspective

Note: We highly recommend that students select IDSB07H3 as part of their core B-level courses. Students in the IDS coop program must complete IDSB07H3 prior to enrolling in IDSC01H3.

3. Methods for International Development Studies (1.5 credits as follows)

IDSC04H3 Project Management I

and

0.5 credit in Quantitative/statistical methods from the following:

ANTC35H3 Quantitative Methods in Anthropology

MGEB11H3 Quantitative Methods in Economics I

GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning

GGRB30H3 Fundamentals of GIS I

HLTB15H3 Introduction to Health Research Methodology

STAB23H3 Introduction to Statistics for the Social Sciences

and

0.5 credit in Qualitative methods from the following:

ANTB19H3 Ethnography and the Comparative Study of Human Societies

GGRC31H3 Qualitative Geographical Methods: Place and Ethnography

HLTC04H3 Fieldwork Practices in Health and Society Research

POLC78H3 Political Analysis I

WSTB05H3 Understanding Power and Knowledge in Research

4. Research in International Development Requirement (0.5 credit):

IDSD02H3 Advanced Research Seminar in Critical Development Studies

5. Specialized Courses: Approaches to International Development (6.0 credits)

A minimum of 2.0 credits must be chosen from two different clusters below for a total of 4.0 credits. The other 2.0 credits may be selected from any of the courses listed below, and IDSA02H3/AFSA03H3, IDSC07H3, IDSC10H3, IDSC1

Media and Development

ANTB09H3 Culture from Film and Media

ANTC53H3 Anthropology of Media and Publics

ENGB77H3 Cinema and Colonialism

ENGC84H3 Cinema and Migration

GASC40H3/MDSC40H3 Chinese Media and Politics

GASC41H3/MDSC41H3 Media and Popular Culture in East Asia

IDSB10H3 Political Economy of Knowledge Technology and Development

IDSC08H3 Media and Development

IDSD08H3 Community-Centered Media Tactics for Development Advocacy and Social Change

MDSA01H3 Introduction to Media Studies

MDSB05H3/GASB05H3 Media and Globalization

MDSB10H3 Technology, Culture and Society

MDSB15H3 Social Media, Platform Politics and Digital Cultures

MDSB61H3 Mapping New Media

MGEC20H3 Economics of Media

MDSC62H3 Media, Journalism and Digital Labour

SOCC44H3 Media and Society

THRB21H3 Intercultural and Global Theatre

THRC20H3/(VPDC13H3) Theatre and Social Justice

THRC40H3 Performance and Activism

VPHB50H3 Africa Through the Photographic Lens

WSTB13H3 Gender, Media and Culture

Culture and Society

ANTB05H3/AFSB05H3 Culture and Society in Africa

ANTB18H3 Development, Inequality and Social Change in Latin America

ANTB20H3 Ethnography and the Global Contemporary

ANTB64H3 Are You What You Eat?: The Anthropology of Food

ANTC10H3 Anthropological Perspectives on Development

ANTC34H3 The Anthropology of Transnationalism

ANTC52H3 The Global Politics of Language

ANTC59H3 Anthropology of Language and Media

ANTC66H3 Anthropology of Tourism

GASC43H3 Colonialism and Cultures in Modern East Asia

GGRD14H3 Social Justice and the City

HISB50H3 Africa in the Era of the Slave Trade

HISB51H3/AFSB51H3 Africa from the Colonial Conquests to Independence

HISB54H3 Africa in the Postcolonial Era

HISB57H3/GASB57H3 Sub-Continental Histories: South Asia in the World

HISC29H3 Global Commodities: Nature, Culture, History

HISC55H3/AFSC55H3 War and Society in Modern Africa

HISD51H3/AFSD51H3 Southern Africa: Colonial Rule, Apartheid and Liberation

IDSD06H3 Feminist and Postcolonial Perspectives in Development Studies

MUZC01H3/(VPMC01H3) Exploring Community Music

MUZD01H3/(VPMD01H3) Senior Seminar: Music in Our Communities

PHLB05H3 Social Issues

SOCB58H3 Sociology of Culture

SOCB70H3 Social Change

SOCC25H3 Ethnicity, Race and Migration

SOCC29H3 Family and Gender in the Middle East

SOCC34H3 Migrations & Transnationalisms

SOCC58H3 Global Transformations: Politics, Economy & Society

Economics of Development

ANTC19H3 Producing People and Things: Economics and Social Life

MGEB32H3 Economic Aspects of Public Policy

(MGEB60H3) Comparative Economic Systems

(MGEC21H3) Classics in the History of Economic Thought

MGEC61H3 International Economics: Finance

MGEC62H3 International Economics: Trade Theory

MGEC81H3 Economic Development

MGEC82H3 International Aspects of Development Policy

MGED63H3 Financial Crises: Causes, Consequences and Policy Implications

IDSC12H3 Economics of Small Enterprise and Micro-Credit

IDSC14H3 The Political Economy of Food

IDSC19H3/AFSC19H3 Community-driven Development: Cooperatives, Social Enterprises and the Black Social Economy

IDSD16H3/AFSD16H3 Africana Political Economy in Comparative Perspective

GGRC48H3 Geographies of Urban Poverty

POLC69H3 Political Economy: International and Comparative Perspectives

POLC98H3 International Political Economy of Finance

Environment and Land Use

ANTB01H3 Political Ecology

EESB16H3 Feeding Humans - the Cost to the Planet

EESB17H3 Hydro Politics and Transboundary Water Resources Management

ESTC34H3 Sustainability in Practice

ESTC36H3 Knowledge, Ethics and Environmental Decision-Making

GGRB21H3 Political Ecology: Nature, Society and Environmental Change

GGRC10H3 Urbanization and Development

GGRC25H3 Land Reform and Development

GGRC26H3 Geographies of Environmental Governance

GGRC28H3 Indigenous Peoples, Environment and Justice

GGRC44H3 Environmental Conservation and Sustainable Development

GGRD49H3 Land and Land Conflicts in the Americas

IDSC02H3 Environmental Science and Evidence-Based Policy

IDSD07H3/AFSD07H3 Extractive Industries in Africa

PHLB02H3 Environmental Ethics

WSTB20H3/(WSTC20H3) Women, the Environment, and Change

Gender, Health and Development

ANTC14H3 Feminism and Anthropology

ANTC15H3 Genders and Sexualities

ANTC24H3 Culture, Mental Illness, and Psychiatry

ANTC61H3 Medical Anthropology: Illness and Healing in Cultural Perspective

GGRB28H3 Geographies of Disease

GGRD10H3 Health and Sexuality

HLTC02H3 Women and Health: Past and Present

IDSC11H3 Issues in Global and International Health

POLC79H3 Feminist Political Thought

POLC94H3 Globalization, Gender and Development

WSTB10H3 Women, Power and Protest

WSTB11H3 Intersections of Inequality

WSTC10H3/AFSC53H3 Gender and Critical Development

Politics and Policy

ANTC32H3 Political Anthropology

IDSC11H3 Issues in Global and International Health

IDSC16H3 Populism, Development, and Globalization in the Global South

IDSC17H3 Development, Citizen Action and Social Change in the Global South

IDSC18H3 New Paradigms in Development: The Role of Emerging Powers

IDSD19H3 The Role of Researcher-Practitioner Engagement in Development

POLB80H3 Introduction to International Relations I

POLB81H3 Introduction to International Relations II

POLC09H3 International Security: Conflict, Crisis and War

POLC16H3 Chinese Politics

POLC37H3 Global Justice

POLC80H3 International Relations of Africa

POLC87H3 International Cooperation and Institutions

POLC88H3 The New International Agenda

POLC90H3 Development Studies: Political and Historical Perspectives

POLC91H3 Latin America: Dictatorship and Democracy

POLC96H3 State Formation and Authoritarianism in the Middle East

POLC97H3 Protest Politics in the Middle East

POLC99H3 Latin America: Politics of the Dispossessed

POLD09H3 Advanced Topics in International Security

POLD87H3 Rational Choice and International Cooperation

POLD89H3 Global Environmental Politics

POLD90H3/IDSD90H3 Public Policy and Human Development in the Global South

POLD91H3 Protests and Social Movements in Comparative Perspective

POLD92H3 Survival and Demise of Dictatorships

POLD94H3 Selected Topics on Developing Areas

Description of Proposed Changes:

Requirement 5: AFSC19H3 and AFSD16H3 are now double-numbered with IDSC19H3 and IDSD16H3 respectively.

Rationale: Updates to course codes are required to ensure accuracy throughout the Calendar.

Impact: None

Consultation: DCC Approved: September 19, 2022

Resource Implications: None

8 Course Modifications:

AFSA03H3: Experiencing Development in Africa

Prerequisites: AFSA01H3 or IDSA01H3

Enrolment Limits: 25-80

Rationale:

1. The course prerequisites have been revised to provide students more flexibility or enrol in this introductory course.

2. There has been an increase in the enrolment limits as this course is very popular amongst first-year students and there is always a long waiting list. Setting higher enrolment limits will not affect the course's experiential learning component because experiential learning involves in-class engagement with outside speakers, not small-scale project work. Opening this course up to a more significant number of first-year students will engage first-year students in experiential learning in their first year at UTSC while providing an additional background in development and African studies. In addition, it is our hope that the course's exclusive focus on Africa will encourage students to pursue our African Studies minor program.

Consultation: DCC Approved: November 10, 2022

Resources: TA support may be required, which would come from the Department budget. No additional resources are required.

AFSD07H3: Extractive Industries in Africa

Prerequisites: [10.0 8.0 credits including[AFSA01H3 or IDSA01H3 or POLB90H3]and [AFSA03H3/IDSA02H3] and [1.0 credit at the B-level in AFS IDS courses]or permission of instructor

Enrolment Limits: 15 25

Rationale:

- 1. The course prerequisites have changed to provide students more flexibility but also to better prepare students for this D-level course
- 2. Course exclusions have increased to allow for more student enrolments

Consultation: DCC Approval: September 19, 2022

Resources: None.

IDSA02H3: Experiencing Development in Africa

Prerequisites: AFSA01H3 or IDSA01H3

Enrolment Limits: 25 80

Rationale:

- 1. The course prerequisites have been revised to provide students more flexibility or enrol in this introductory course.
- 2. There has been an increase in the enrolment limits as this course is very popular amongst first-year students and there is always a long waiting list. Setting higher enrolment limits will not affect the course's experiential learning component because experiential learning involves in-class engagement with outside speakers, not small-scale project work. Opening this course up to a more significant number of first-year students will engage first-year students in experiential learning in their first year at UTSC while providing an additional background in development and African studies. In addition, it is our hope that the course's exclusive focus on Africa will encourage students to pursue our African Studies minor program.

Consultation: DCC Approved: November 10, 2022

Resources: TA support may be required and it would come from the Department budget. No additional resources are required.

IDSC10H3: Topics in International Development Studies

Prerequisites: IDSA01H3 and IDSB02H3 and IDSB02H3

Enrolment Limits: 45

Rationale:

- 1. The prerequisites have changed to provide students with more enrolment flexibility
- 2. An enrolment limit of 45 makes the course more manageable.

Consultation: DCC Approval: September 19, 2022

Resources: None.

IDSC16H3: Populism, Development, and Globalization in the Global South

Prerequisites: IDSA01H3 and [-0.5 credit from the following:IDSB01H3, IDSB04H3, IDSB06H3 or IDSB07H3-] POLB90H3

Enrolment Limits: 45

Rationale:

- 1. The prerequisites have changed to provide students enrolled in the Major program in political science with more enrolment flexibility.
- 2. An enrolment limit of 45 makes the course more manageable.

Consultation: DCC Approval: September 19, 2022

Resources: None.

IDSC19H3: Community-driven Development: Cooperatives, Social Enterprises and the Black Social Economy

Description:

This course introduces students to alternative business institutions (including cooperatives, credit unions, worker-owned firms, mutual aid, and social enterprises) to challenge development. It investigates the history and theories of the solidarity economy as well as its potential contributions to local, regional and international socio-economic development. There will be strong experiential education aspects in the course to debate issues. Students analyze case studies with attention paid to Africa and its diaspora to combat exclusion through cooperative structures.

Same as AFSC19H3

Prerequisites:

Previous: IDSA02H3 and [0.5 credit from IDSB01H3 or IDSB06H3] AFSA01H3 or IDSA01H3 or POLB90H3 or

permission of the instructor

Exclusions: AFSC19H3

Enrolment Limits: 25 45

Rationale:

The course prerequisites, exclusion and enrolment limits are being updated since this course will be double-numbered with the new AFSC19H3 course. The prerequisite is to provide AFS students accessibility to this course, the course exclusions have increased to allow for more student access

Consultation: DCC Approval: September 19, 2022

Resources: None

IDSD07H3: Extractive Industries in Africa

Prerequisites: [10.0 8.0 credits including[AFSA01H3 or IDSA01H3 or POLB90H3]and [AFSA03H3/IDSA02H3] and [1.0 credit at the B-level in AFS IDS courses]or permission of instructor

Enrolment Limits: 15-25

Rationale:

- 1. The course prerequisites have changed to provide students more flexibility but also to better prepare students for this D-level course
- 2. Course exclusions have increased to allow for more student enrolments

Consultation: DCC Approval: September 19, 2022

Resources: None

IDSD16H3: Africana Political Economy in Comparative Perspective

Description:

This course analyzes racial capitalism among persons of African descent in the Global South and Global North with a focus on diaspora communities. Students learn about models for self-determination, solidarity economies and cooperativism as well as Black political economy theory.

Same as AFSD16H3

Prerequisites: IDSA02H3 and [1.0 credit from IDSB01H3, IDSB06H3 or IDSB07H3] [10.0 credits including

[AFSA01H3 or IDSA01H3 or POLB90H3]] or permission of instructor

Exclusions: AFSD16H3

Rationale:

The course description, prerequisite and exclusions have been updated to match the new double-numbered AFSD16H3 course. The prerequisites have changed to provide AFS students more flexibility.

Consultation: DCC Approved: Sept 19, 2022

Resources: None.

1 Minor Program Modification:

MAJOR PROGRAM IN WOMEN'S AND GENDER STUDIES (ARTS)

Completion Requirements:

Program Requirements

Students must complete 7.0 credits as follows:

1. 1.0 credit from the following

WSTA01H3 Introduction to Women's and Gender Studies

WSTA03H3 Introduction to Feminist Theories and Thought

2. WSTB05H3 Understanding Power and Knowledge in Research

3. WSTB11H3 Intersections of Inequality

4. WSTC02H3 Feminist Qualitative Research in Action

5. 2.5 additional credits in WST courses from the list below, of which at least 0.5 credit must be at the C-level, and a further 1.0 credit must be at the D-level (including 0.5 credit from WSTD03H3 or WSTD04H3 or WSTD09H3 or WSTD10H3)

WSTB06H3 Women in Diaspora

WSTB09H3 Gender, Race, and Colonialism

WSTB10H3 Women, Power and Protest

WSTB12H3 Women, Violence and Resistance

WSTB13H3 Gender, Media and Culture

WSTB20H3/(WSTC20H3) Women, the Environment, and Change

WSTB22H3/HISB22H3 Histories of Black feminism Canada: From 'runaway slaves' to #BlackLivesMatter

WSTB25H3 LGBTQ History, Theory and Activism

WSTC10H3/AFSC53H3 Gender and Critical Development

WSTC12H3 Writing the Self: Global Women's Autobiographies

WSTC13H3 Women, Gender and Islam

WSTC14H3 Women, Community and Policy Change

WSTC16H3 Criminalized Women: Gender, Justice and the Law

WSTC22H3 Gender and Film

WSTC23H3 Community Engagement Practicum

WSTC24H3 Gender in the Kitchen

WSTC25H3 Transnational Sexuality

WSTC26H3 Critical Race and Black Feminist Theories

WSTC28H3/LINC28H3 Language and Gender

WSTC30H3 Special Topics in Women's and Gender Studies

WSTC31H3 Special Topics in Women's and Gender Studies

WSTC40H3 Gender and Disability

WSTC66H3/HISC66H3 Histories of Gender and Sexuality in Muslim Societies: Between Law, Ethics and Culture

WSTD01H3 Independent Project in Women's and Gender Studies

WSTD03H3 Senior Seminar in Sex, Gender and the Body

WSTD04H3 Senior Seminar in Gender, Equity and Human Rights

WSTD07H3 Themes in the History of Childhood and Culture

WSTD09H3 Race, Gender, and Islamophobia

WSTD10H3 The Power of Story for Social Change

WSTD11H3 Special Topics in Women's and Gender Studies

WSTD16H3/HISD16H3 Socialist Feminism in Global Context

WSTD30H3/GASD30H3 Gender and Techno-Orientalism

WSTD46H3/HISD46H3 Selected Topics in Canadian Women's History

6. 2.0 credits from the course list below:

AFSC97H3/HISC97H3 Women and Power in Africa

ANTC14H3 Feminism and Anthropology

ANTC15H3 Genders and Sexualities

ANTD01H3 The Body in Culture and Society

ENGB50H3 Women and Literature: Forging a Tradition

[(ENGB51H3) or ENGC54H3 Gender and Genre]

ENGB74H3 The Body in Literature and Film

(ENGC77H3)/(VPAC48H3) The Body in Contemporary Culture: Theories and Representations

ENGC34H3 Early Modern Women and Literature: 1500-1700

ENGC51H3 Contemporary Arab Women Writers

ENGD80H3 Women and Canadian Writing

GASB20H3 Gender and Social Institutions in Asia

GASC20H3 Gendering Global Asia

GASD20H3 Advanced Seminar: Social Change and Gender Relations in Chinese Societies

GASD56H3/HISD56H3 'Coolies' and Others: Asian Labouring Diasporas in the British Empire

GGRD09H3 Feminist Geographies

GGRD10H3 Health and Sexuality

HISC45H3 Immigrant and Race Relations in Canadian History

HLTC02H3 Women and Health: Past and Present

HLTC46H3 Gender, Health and Society

IDSD06H3 Feminist and Postcolonial Perspectives in Development Studies

MGHC23H3/(MGTC23H3) Diversity in the Workplace

PHLB13H3 Philosophy and Feminism

POLC94H3 Globalization, Gender and Development

PSYD18H3 Psychology of Gender

SOCB22H3 Sociology of Gender

SOCB49H3 Sociology of Family

SOCC09H3 Sociology of Gender and Work

SOCC24H3 Special Topics in Gender and Family

SOCC29H3 Family and Gender in the Middle East

SOCC38H3 Gender and Education

(VPHB57H3) Women in the Arts: Hot Mamas, Amazons, and Madonnas

Description of Proposed Changes: Requirement 5: Added WSTB22H3/HISB22H3 as optional course

Rationale:

WSTB22H3/HISB22H3 has been added as a course option as it is a new course that will provide students further options to complete this program requirement.

Impact: None

Consultation: DCC Approval: October 3, 2022

Resource Implications: None

4 Minor Program Modifications:

MAJOR PROGRAM IN CITY STUDIES (ARTS)

Completion Requirements:

Program Requirements

This program requires students to complete a total of 7.0 credits as follows:

1. Introduction to Social Science Thought (1.0 credit from among the following):

ANTA01H3 Introduction to Anthropology: Becoming Human

ANTA02H3 Introduction to Anthropology: Culture, Society and Language

GGRA02H3 The Geography of Global Processes

GGRA03H3 Cities and Environments

[MGEA01H3 Introduction to Microeconomics *or* MGEA02H3 Introduction to Microeconomics: A Mathematical Approach]

[MGEA05H3 Introduction to Macroeconomics or MGEA06H3 Introduction to Macroeconomics: A Mathematical Approach]

POLA01H3 Critical Issues in Politics I

POLA02H3 Critical Issues in Politics II

SOCA03Y3 Introduction to Sociology

2. Foundations

CITA01H3/(CITB02H3) Foundations of City Studies

3. Core courses (1.0 credits from among the following):

CITB01H3 Canadian Cities and Planning

CITB03H3 Social Planning and Community Development

CITB04H3 City Politics

CITB08H3 Economy of Cities

4. Methods (1.0 credit as follows):

STAB23H3 Introduction to Statistics for the Social Sciences

0.5 credit from among the following:

GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning

GGRB30H3 Fundamentals of GIS I

GGRC31H3 Qualitative Geographical Methods: Place and Ethnography

GGRC42H3 Making Sense of Data: Applied Multivariate Analysis

5. City Studies Applications (at least 2.0 credits from among the following):

CITC01H3 Urban Communities and Neighbourhoods Case Study: East Scarborough

CITC02H3 Placements in Community Development

CITC03H3 Housing Policy Real Estate and Planning the City

CITC04H3 Current Municipal and Planning Policy and Practice in Toronto

CITC07H3 Urban Social Policy

CITC08H3 Cities and Community Development

CITC09H3 Introduction to Planning History: Toronto and Its Region

CITC10H3 Selected Issues in City Studies

CITC12H3 City Structures and City Choices: Local Government, Management, and Policy Making

CITC14H3 Environmental Planning

CITC15H3 Money Matters Taxing and Spending: How Municipal Public Finance Shapes the City in Canadian Cities

CITC16H3 Planning and Governing the Metropolis

CITC17H3 Civic Engagement in Municipal Politics

CITC18H3 Urban Transportation Policy Analysis

CITD01H3 City Issues and Strategies

CITD05H3 City Studies Workshop I

CITD06H3 City Studies Workshop II

CITD10H3 Seminar in Selected Issues in City Studies

CITD12H3 Planning and Building Public Spaces in Toronto

CITD30H3 Supervised Research Project

6. Approaches to Cities (at least 1.5 credits from among the following):

ANTC18H3 Urban Worlds

[EESA05H3 Environmental Hazards or EESA06H3 Introduction to Planet Earth]

EESD20H3 Geological Evolution and Environmental History of North America

GGRB02H3 The Logic of Geographic Thought

GGRB05H3 Urban Geography

GGRB13H3 Social Geography

GGRB28H3 Geographies of Disease

GGRC02H3 Population Geography

GGRC10H3 Urbanization and Development

GGRC11H3 Current Topics in Urban Geography

GGRC12H3 Transportation Geography

GGRC13H3 Urban Political Geography

GGRC27H3 Location and Spatial Development

GGRC33H3 The Toronto Region

GGRC40H3 Megacities and Global Urbanization

GGRC43H3 Social Geographies of Street Food

GGRC48H3 Geographies of Urban Poverty

GGRD09H3 Feminist Geographies

GGRD14H3 Social Justice and the City

HISC58H3 Delhi and London: Imperial Cities, Mobile People

POLB56H3 Critical Issues in POLB50Y3 Canadian Government and Politics

POLB57H3 The Canadian Constitution and the Charter of Rights

POLC53H3 Canadian Environmental Policy

PPGB66H3/(PPGC66H3)/(POLC66H3) Public Policy Making

PPGC67H3/(POLC67H3) Public Policy in Canada

SOCB44H3 Sociology of Cities and Urban Life

SOCC26H3 Sociology of Urban Cultural Policies

SOCC27H3 Sociology of Suburbs and Suburbanization

WSTB12H3 Women, Violence and Resistance

WSTB20H3/(WSTC20H3) Women, the Environment, and Change

WSTC14H3 Women, Community, and Policy Change

Description of Proposed Changes:

- 1. Requirement 5: CITC03H3 and CITC15H3 have had a course title change
- 2. Requirement 6: POLB50Y3 is being retired and replaced with two new courses POLB56H3 and POLB57H3.

Rationale:

- 1. To ensure consistency throughout the Calendar, all title changes are necessary
- 2. Political Science has decided to retire POLB50Y3 and create two new courses: POLB56H3 and POLB57H3. This change is reflected in the program requirement

Impact: None.

Consultation: DCC Approval: October 6, 2022

Resource Implications: None.

MINOR PROGRAM IN CITY STUDIES (ARTS)

Completion Requirements:

Program Requirements

The program requires the completion of 4.0 credits as follows:

1. Foundations (0.5 credit):

CITA01H3/(CITB02H3) Foundations of City Studies

2. Core Courses (1.5 credits from the following):

GGRB05H3 Urban Geography

CITB01H3 Canadian Cities and Planning

CITB03H3 Social Planning and Community Development

CITB04H3 City Politics

CITB08H3 Economy of Cities

3. Applications (2.0 credits at the C- or D-level, from the following):

CITC01H3 Urban Communities and Neighbourhoods Case Study: East Scarborough

CITC03H3 Housing Policy Real Estate and Planning the City

CITC04H3 Current Municipal and Planning Policy and Practice in Toronto

CITC07H3 Urban Social Policy

CITC08H3 Cities and Community Development

CITC10H3 Selected Issues in City Studies

CITC12H3 City Structures and City Choices: Local Government, Management, and Policy Making

CITC14H3 Environmental Planning

CITC15H3 Money Matters Taxing and Spending: How Municipal Public Finance Shapes the City in Canadian Cities

CITC16H3 Planning and Governing the Metropolis

CITC17H3 Civic Engagement in Urban Politics

CITC18H3 Urban Transportation Policy Analysis

CITD01H3 City Issues and Strategies

CITD10H3 Seminar in Selected Issues in City Studies

CITD12H3 Planning and Building Public Spaces in Toronto

GGRC10H3 Urbanization and Development

GGRC11H3 Current Topics in Urban Geography

GGRC12H3 Transportation Geography

GGRC13H3 Urban Political Geography

GGRC27H3 Location and Spatial Development

GGRC33H3 The Toronto Region

GGRC40H3 Megacities and Global Urbanization

GGRC43H3 Social Geographies of Street Food

GGRC48H3 Geographies of Urban Poverty

GGRC50H3 Geographies of Education

GGRD14H3 Social Justice and the City

Description of Proposed Changes: Requirement 2: changing CITC03H3 and CITC15H3 course titles

Rationale: To ensure consistency throughout the Calendar, all title changes are necessary

Impact: None.

Consultation: DCC Approval: October 6, 2022

Resource Implications: None.

MINOR PROGRAM IN URBAN PUBLIC POLICY AND GOVERNANCE (ARTS)

Completion Requirements:

Program Requirements

This program requires the completion of 4.0 credits as follows:

1. Foundations - 1.0 credit as follows:

[CITB01H3 Canadian Cities and Planning and CITB04H3 City Politics]

or

[GGRA03 Cities and Environments and GGRB05 Urban Geography]

or

[POLB56H3 Critical Issues in POLB50Y3 Canadian Government and Politics and POLB57H3 The Canadian Constitution and the Charter of Rights]

2. Core courses - 1.0 credit as follows:

CITC12H3 City Structures and City Choices: Local Government, Management, and Policymaking

CITC15H3 Money Matters Taxing and Spending: How Municipal Public Finance Shapes the City in Canadian Cities

3. Applications of Urban Public Policy and Governance - 2.0 credits from the following:

CITC03H3 Housing Policy and Planning

CITC04H3 Current Municipal and Planning Policy and Practice in Toronto

CITC07H3 Urban Social Policy

CITC16H3 Planning and Governing the Metropolis

CITC17H3 Civic Engagement in Urban Politics

CITC18H3 Urban Transportation Policy Analysis

CITD01H3 City Issues and Strategies

CITD10H3 Seminar in Selected Issues in City Studies

GGRB18H3 Whose Land? Indigenous-Canada-Land Relations

GGRC12H3 Transportation Geography

GGRC13H3 Urban Political Geography

GGRC33H3 The Toronto Region

PPGB66H3/(PPGC66H3/(POLC66H3) Public Policy Making

PPGC67H3/(POLC67H3) Public Policy in Canada

Description of Proposed Changes:

- 1. Requirement 1: POLB50Y3 is being replaced with new courses POLB56H3 and POLB57H3.
- 2. Requirement 2: CITC15H3 course title change.
- 3. Requirement 3: Adding CITC03H3, CITC18H3, GGRB18H3 and GGRC12H3 as optional courses to the 'Applications' courses

Rationale:

- 1. To ensure consistency throughout the Calendar, all title changes are necessary
- 2. Political Science has decided to retire POLB50Y3 and create two new courses: POLB56H3 and POLB57H3. This change is reflected in the program requirement
- 3. These courses align well with the pedagogical goals of this program requirement and also provide students with more flexibility to complete this requirement.

Impact: None.

Consultation: DCC Approval: October 6, 2022

Resource Implications: None.

SPECIALIST PROGRAM IN CITY STUDIES (ARTS)

Description:

The Specialist program in City Studies(BA)will provide students with the skills and knowledge they will need to pursue specialized training at the graduate level in fields like public policy and municipal governance, urban planning, and

community development, as well as other city-focused fields of studies. Students in the Specialist program will also have the opportunity to develop the in-depth theoretical and conceptual knowledge in applied urban studies, quantitative and qualitative research and GIS skills, practical skills such as project management, facilitation and community consultation, and communication skills needed to succeed in a wide variety of urban professions. Students are encouraged to discuss the selection and sequencing of courses with the Program Advisor or Associate Chair (City Studies).

Enrolment Requirements:

Enrolment Requirements

Enrolment in the Specialist is limited. Students may apply to enter the program after they have completed at least 4.0 credits, including the courses listed under Requirement 1 of the program.

Admission is based on overall academic performance and grades in the courses in Requirement 1 of the program; students must achieve a minimum CGPA of 2.5. For students applying with more than 8.0-10.0 credits, admission will be on the basis of CGPA in all City Studies(CIT)courses taken. Decisions regarding program admissions will be made only twice a year, in May and August, by the City Studies Supervisor of Studies, and will be based on student requests submitted to the Registrar through ROSI.

Completion Requirements:

Program Requirements:

This program requires the completion of 12.0 credits as follows:

1. Introduction to Social Science Thought (1.0 credit from among the following):

ANTA01H3 Introduction to Anthropology: Becoming Human

ANTA02H3 Introduction to Anthropology: Culture, Society and Language

GGRA02H3 The Geography of Global Processes

GGRA03H3 Cities and Environments

[MGEA01H3 Introduction to Microeconomics or MGEA02H3 Introduction to Microeconomics: A Mathematical Approach]

[MGEA05H3 Introduction to Macroeconomics or MGEA06H3 Introduction to Macroeconomics: A Mathematical Approach]

POLA01H3 Critical Issues in Politics I

POLA02H3 Critical Issues in Politics II

SOCA03Y3 Introduction to Sociology

2. Foundations (0.5 credit):

CITA01H3/(CITB02H3) Foundations of City Studies

3. Core courses (1.5 credits as from the following):

CITB01H3 Canadian Cities and Planning

CITB03H3 Social Planning and Community Development

CITB04H3 City Politics

CITB08H3 Economy of Cities

4. Research Methods (2.0 credits):

GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning

STAB23H3 Introduction to Statistics for the Social Sciences (or equivalent)

1.0 credits from the following:

GGRB30H3 Fundamentals of GIS I

GGRB03H3 Writing Geography

GGRC32H3 Essential Spatial Analysis

GGRC31H3 Qualitative Geographical Methods: Place and Ethnography

GGRC42H3 Making Sense of Data: Applied Multivariate Analysis

5. City Studies Applications (3.5 credits from among the following):

CITC01H3 Urban Communities and Neighbourhoods Case Study

CITC02H3 Placements in Community Development

CITC03H3 Housing Policy Real Estate and Planning the City

CITC04H3 Current Municipal and Planning Policy and Practice in Toronto

CITC07H3 Urban Social Policy

CITC08H3 Cities and Community Development

CITC09H3 Introduction to Planning History: Toronto and Its Region

CITC12H3 City Structures and City Choices: Local Government, Management, and Policymaking

CITC14H3 Environmental Planning

CITC15H3 Money Matters Taxing and Spending: How Municipal Public Finance Shapes the City in Canadian Cities

CITC16H3 Planning and Governing the Metropolis

CITC17H3 Civic Engagement in Urban Politics

CITC18H3 Transportation Policy Analysis

6. Approaches to Cities (1.5 credits from among the following)*:

GGRB02H3 The Logic of Geographic Thought

GGRB05H3 Urban Geography

GGRB13H3 Social Geography

GGRC02H3 Population Geography

GGRC10H3 Urbanization and Development

GGRC11H3 Current Topics in Urban Geography

GGRC12H3 Transportation Geography

GGRC13H3 Urban Political Geography

GGRC27H3 Location and Spatial Development

GGRC33H3 The Toronto Region

GGRC40H3 Megacities and Global Urbanization

GGRC43H3 Social Geographies of Street Food

GGRC48H3 Geographies of Urban Poverty

POLB56H3 Critical Issues in POLB50Y3 Canadian Government and Politics

POLB57H3 The Canadian Constitution and the Charter of Rights

POLC53H3 Canadian Environmental Policy

PPGB66/PPGC66H3/(POLC66H3) Public Policy Making

PPGC67H3/(POLC67H3) Public Policy in Canada

SOCB44H3 Sociology of Cities and Urban Life

* Note: these courses may have prerequisites that are not included in this program

7. City Studies Workshop (1.0 credit):

CITD05H3 City Studies Workshop I

CITD06H3 City Studies Workshop II

8. Advanced Applications (1.0 credit):

CITD01H3 City Issues and Strategies

CITD10H3 Seminar in Selected Issues in City Studies

CITD12H3 Planning and Building Public Spaces in Toronto

CITD30H3 Supervised Research Project

GGRD14H3 Social Justice and the City

Description of Proposed Changes:

- 1. Requirement 5: Course title changes for CITC03H3 and CITC15H3 titles.
- 2. Requirement 6: Replacing POLB50Y3 with POLB56H3 and POLB57H3

Rationale:

- 1. To ensure consistency throughout the Calendar.
- 2. POLB50Y3 is being retired and replaced with two new courses POLB56H3 and POLB57H3. The contents of the new courses still align with this program and hence, it is being updated.

Impact: None.

Consultation: DCC Approval: October 6, 2022

Resource Implications: None.

3 Course Modifications:

CITC15H3: Money Matters: How Municipal Finance Shapes the City

Title: Taxing and Spending: Public Finance in Canadian Cities Money Matters: How Municipal Finance Shapes the City

Description:

This The course examines Canadian local public finance in comparative perspective and discusses the role implications of municipal finance in shaping all aspects for urban public policy, planning, and the provision of urban life municipal services. Putting Canada into a comparative perspective, we look at how Topics include local governments provide for their citizens within a modern market economy government revenue sources and across different societies and time periods. The course also explores expenditures, the relationship between polities of municipal finance budgeting and various social problems intergovernmental fiscal relations, including movements for racial justice and the ongoing housing crisis how public finance influences urban form.

Rationale:

The course title and description have changed to better reflect the content of this course. The previous title is constraining. Finally, there is a strong emphasis on the relationship between municipal finance and various forms of social inequality (class, race, gender, colonialism) when thinking about how fiscal issues shape the city

Consultation: DCC Approval: April 14, 2022

Resources: None.

GGRB18H3: Whose Land? Indigenous-Canada-Land Relations

Prerequisites: 4.0 credits, including at least 0.5 credit in ANT, CIT, EST, GGR, HLT, IDS, POL or SOC

Rationale:

The prerequisites for this course are being revised to provide EST with more enrolment flexibility.

Consultation: DCC Approval: October 6, 2022

Resources: None.

GGRD49H3: Land and Land Conflicts in the Americas

Prerequisites: 13.0 credits including at least 0.5 credit at the B-level from AFS, ANT, CIT, GGR, HLT, IDS, POL, PPG, SOC GGRB02H3

Enrolment Limits: 20; Priority will be given to students enrolled in Human Geography and City Studies. Additional students will be admitted as space permits.

Rationale:

- 1. The course prerequisite statement is being revised to provide students with more flexibility.
- 2. A enrolment limit priority note has been added to inform students of enrolment preference

Consultation: DCC Approval: October 6, 2022

Resources: None.

5 Minor Program Modifications:

MAJOR PROGRAM IN POLITICAL SCIENCE (ARTS)

Completion Requirements:

Program Requirements

Students must complete at least 8.0 credits in Political Science as follows:

1. Introduction to Political Science (1.0 credit):

POLA01H3 Critical Issues in Politics I POLA02H3 Critical Issues in Politics II

2. Political Theory (1.0 credit):

POLB72H3 Introduction to Political Theory

0.5 credit from among the courses listed in the Political Theory Area of Focus Table

3. Canadian Politics (1.0 credit):

POLB56H3 Critical Issues in POLB50Y3 Canadian Government and Politics

POLB57H3 The Canadian Constitution and the Charter of Rights

4. At least two of the following (1.0 credit):

POLB80H3 Introduction to International Relations I

POLB81H3 Introduction to International Relations II

POLB90H3 Comparative Development in International Perspective

POLB91H3 Comparative Development in Political Perspective

5. Methods (1.0 credit):

[STAB23H3 Introduction to Statistics for the Social Sciences or equivalent]

POLC78H3 Political Analysis I

6. Applications (2.5 credits):

2.5 credits in POL or PPG courses of which at least 2.0 must be at the C- and/or D-level

7. Advanced Applications (0.5 credit)

At least 0.5 credit in POL or PPG courses at the D-level

Description of Proposed Changes:

Requirement 3: The required course POLB50Y3 is being removed and replaced with two new required courses:

POLB56H3 and POLB57H3

Rationale:

POLB50Y3 is being retired and replaced by two second-year half courses POLB56H3 and POLB57H3, this change is reflected in this program.

Impact:

In political science, we are accommodating these students by changing the requirements in their programs to take the two new half credits instead of this class. Exceptions will be made for students registered in previous versions of the program that have not yet completed the requirement to be fulfilled with the new courses.

Consultation: DCC Approval: September 14 2022

Resource Implications: None.

MAJOR PROGRAM IN PUBLIC POLICY (ARTS)

Completion Requirements:

Program Requirements

Students must complete a total of 8.0 credits as follows:

1. 1.0 credit at the A- or B-level in Anthropology, City Studies, Geography, International Development Studies, Political Science, or Sociology

Note: at least 0.5 credit at the A-level in Political Science is recommended. We also recommend interested students take introductory courses in disciplines like City Studies, Economics for Management Studies, Environmental Science, Health Studies, International Development Studies, and Sociology that may reflect their particular substantive interests.

2. Economics for Public Policy (1.0 credit):

[MGEA01H3 and MGEA05H3] or [MGEA02H3 and MGEA06H3]

3. Canadian Politics (1.0 credit)

POLBB56H3 Critical Issues in POLB50Y3 Canadian Government and Politics POLB57H3 The Canadian Constitution and Charter of Rights

4. Fundamentals of Public Policy (1.0 credit)

PPGB66H3/(PPGC66H3) Public Policy Making PPGC67H3 Public Policy in Canada

5. Statistics 0.5 credit from:

MGEB11H3 Quantitative Methods in Economics I PPGB11H3 Policy Communications with Data

STAB22H3 Statistics I

STAB23H3 Introduction to Statistics for the Social Sciences

STAB57H3 An Introduction to Statistics

6. Methods 0.5 credits from:

GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning

POLC11H3 Applied Statistics for Politics and Public Policy

POLC78H3 Political Analysis I

7. Applications of Public Policy (3.0 credits in Public Policy courses,*from the following list or other courses with the approval of the supervisor of studies; of these, 2.0 credits must be at the C- or D-level and an additional 0.5 credits at the D-level).

Urban Public Policy

CITB04H3 City Politics

CITC04H3 Current Municipal and Planning Policy and Practice in Toronto

CITC07H3 Urban Social Policy

CITC12H3 City Structures and City Choices: Local Government, Management, and Policymaking

CITC15H3 Money Matters Taxing and Spending: How Municipal Finance Shapes the City Public Finances in Canadian Cities

CITC16H3 Planning and Governing the Metropolis

CITC18H3 Urban Transportation Policy Analysis

Health Policy

HLTB40H3 Health Policy and Health Systems

HLTC42H3 Emerging Health Issues and Policy Needs

HLTC43H3 Politics of Canadian Health Policy

HLTC44H3 Comparative Health Policy Systems

IDSB04H3 Introduction to International/Global Health

MGEC34H3 Economics of Health Care

Environmental Policy

EESC13H3 Environmental Impact and Assessment Auditing

EESC34H3 Sustainability in Practice

EESD13H3 Environmental Law, Policy and Ethics

ESTB04H3 Addressing the Climate Crisis

ESTC36H3 Knowledge, Ethics and Environmental Decision-Making

ESTD19H3 Risk

POLC53H3 Canadian Environmental Policy

POLD89H3 Global Environmental Politics

Public Administration

MGEB31H3 Public Decision Making

MGEB32H3 Economic Aspects of Public Policy

MGEC31H3 Economics of the Public Sector: Taxation

MGEC32H3 Economics of the Public Sector: Expenditures

MGEC37H3 Law and Economics

MGEC38H3 The Economics of Canadian Public Policy

MGEC54H3 Economics of Training and Education

MGEC91H3 Economics and Government

MGSC03H3 Public Management

MGSC05H3 The Changing World of Business-Government Relations

Politics and Public Policy

POLC12H3 Global Public Policy and the Sustainable Development Goals (SDGs)

POLC13H3 Program Evaluation

POLC36H3 Law and Public Policy

POLC54H3 Intergovernmental Relations in Canada

POLC57H3 Intergovernmental Relations and Public Policy

POLC65H3 Political Strategy

POLC69H3 Political Economy: International and Comparative Perspectives

POLC83H3 Applications of American Foreign Policy

POLC87H3 International Cooperation and Institutions

POLC93H3 Public Policies in the United States

POLC98H3 International Political Economy of Finance

POLD50H3 Political Interests, Political Identity, and Public Policy

POLD52H3 Immigration and Canadian Political Development

POLD67H3 The Limits of Rationality

POLD87H3 Rational Choice and International Cooperation

POLD90H3/IDSD90H3 Public Policy and Human Development in the Global South

PPGD64H3 Comparative Public Policy

PPGD68H3 Capstone: The Policy Process in Theory and Practice

*Many of these courses have prerequisites that are not requirements in the Major Program in Public Policy, please plan accordingly. In addition, we recommend taking methods courses from within your disciplinary Major program.

Description of Proposed Changes:

- 1. Requirement 3: The required course POLB50Y3 is being removed and replaced with two new required courses: POLB56H3 and POLB57H3
- 2. Requirement 7: ESTB04H3, POLC12H3 and POLC13H3 are being added as optional courses The title for CITC15H3 is being updated.

Rationale:

- 1. POLB50Y3 is being retired and replaced by two second-year half courses POLB56H3 and POLB57H3, this change is reflected in this program.
- 2. Adding three optional courses will provide students with additional courses to complete this program requirement. The change in course title is to ensure Calendar accuracy.

Impact:

Accommodating these students by changing the requirements in their programs to take the two new half credits instead of this class. Exceptions will be made for students registered in previous versions of the program that have not yet completed the requirement to be fulfilled with the new courses.

Consultation:

DCC Approval: September 14 2022

Consultation with DPES for ESTB04H3: March 23 2022

Resource Implications: None.

MINOR PROGRAM IN POLITICAL SCIENCE (ARTS)

Completion Requirements:

Program Requirements

The Program requires the completion of 4.0 credits, including at least 2.0 credits at the C- or D-level. The program may be completed in one of two ways:

1. Introduction to Political Science (0.5 4.0 credits from):

POLA01H3 Critical Issues above the A-level in Politics I any single Area of Focus *

POLA02H3 Critical Issues * See the Political Science Areas of Focus Table for courses in Politics II each Area or

2. Core Courses (1.5 2.0 credits each from a combination of any two Area (s): of Focus *

POLB56H3 Critical Issues * See the Political Science Areas of Focus Table for courses in Canadian Politics each Area.

POLB57H3 The Area (s) of Focus are:

- Canadian Constitution Government and the Charter of Rights Politics

POLB72H3 Introduction to - Political Theory

POLB80H3 Introduction to - International Relations I

POLB81H3 Introduction to International Relations II

POLB90H3 - Comparative Development in International Perspective Politics

POLB91H3 Comparative Development in Political Perspective

3. Applications (2.0 credits):

2.0 credits at the C-level and/or D-level in POL or PPG courses - Public Policy

Description of Proposed Changes:

- 1. Requirement 1: Changed the program completion requirements to include the completion of A-level credits in political science
- 2. Requirement 2: The streams are no longer required for students to specialize in to fulfill the requirement. Added the requirement of completing at least 1.5 credits at the B-level

Rationale:

- 1. Adding a requirement for students to complete at least half a credit at the A-level in Political Science. The courses provide an opportunity for students to develop techniques of critical reading and analytic essay writing.
- 2. The removal of the streaming option for the program is being made to better structure students' learning as they progress through the program. Currently, students often select courses randomly to fulfill the requirements and end up often missing credits for specific pathway completion in the current model. Added 1.5 credits at the B-level to ensure students have a foundation in a combination of Canadian Politics, Political Theory, International Relations or Comparative Politics

Impact: None

Consultation: DCC Approval: September 14 2022

Resource Implications:

None.

MINOR PROGRAM IN PUBLIC LAW (ARTS)

Completion Requirements:

Program Requirements

Students must complete 4.0 credits, of which at least 1.0 credit must be at the C- and/or D-level.

1. Core Courses as follows (2.0 $\frac{2.5}{2.5}$ credits):

POLB30H3 Law, Justice and Rights

POLB56H3 Critical Issues in POLB50Y3 Canadian Government and Politics

POLB57H3 POLC32H3 The Canadian Judicial System

POLC68H3 The Constitution of Canada and the Charter of Rights

POLC32H3 The Canadian Judicial System and Freedoms

2. Public Law Electives (1.5 1.0 credit from the following):

POLC33H3 Politics of International Human Rights

POLC34H3 The Politics of Crime

POLC36H3 Law and Public Policy

POLC38H3 International Law

POLC39H3 Comparative Law and Politics

POLC56H3 Indigenous Politics and Law

POLD30H3 Legal Reasoning

POLD38H3 Law and Global Business

POLD42H3 Advanced Topics in Public Law

POLD44H3 Comparative Law and Social Change

POLD45H3 Constitutionalism

POLD46H3 Public Law and the Canadian Immigration System

3. 0.5 credit from requirement 2 above or an appropriate course from another discipline, including at the UTSC, UTM and St. George campuses, as approved by the Public Law Program Advisor.

Description of Proposed Changes:

- 1. Requirement 1: required POLB50Y3 is being retired and replaced by two new required coursesPOLB56H3 and POLB57H3. The changes to requirement 1 reflect this change. The required course POLC68H3 is also being retired and is therefore removed, therefore the credit requirement is being decreased by 0.5 credit
- 2. Requirement 2: The credit requirement is being increased by 0.5 credits. POLD46H3 is being added as an option to requirement 2

Rationale:

- 1. The content in POLB56H3 and POLB57H3 will still cover the previous content taught in POLB50Y3 and will provide students with the required foundation to be prepared for the upper-year Canadian Politics courses. POLC68H3 is being removed from the program as a core course. This class is being discontinued because a large portion of the content covered in this course is being effectively moved to the B-level in a pre-existing course (POLB50Y3 which will now be POLB56H3 and POLB57H3). The justification for doing so is that students will benefit from an earlier introduction to the Canadian constitution, which will then prepare them for more advanced classes at the C- and D- levels in Canadian Politics as well as for topics covered in comparative and international law courses within the curriculum.
- 2. With the removal of POLC68H3 the program now requires students to complete 1.5FCEs for requirement 2. The department has expanded the applications course list over the past 3-4 years and increasing this credit requirement further allows students to explore Public Law with regard to an International Relations, Comparative Politics and/ or Canadian Politics lens. POLD46H3 is a new course being added to the curriculum to provide students with more D-level options to complete this program requirement.

Impact: None.

Consultation: DCC Approval: September 14 2022

Resource Implications: None.

SPECIALIST PROGRAM IN POLITICAL SCIENCE (ARTS)

Completion Requirements:

Program Requirements

Students must complete at least 12.0 full credits in Political Science including:

1. Introduction to Political Science (1.0 credit):

POLA01H3 Critical Issues in Politics I POLA02H3 Critical Issues in Politics II

2. Political Theory (1.0 credit):

POLB72H3 Introduction to Political Theory

0.5 credit from among the courses listed in the Political Theory Area of Focus Table

3. Canadian Politics (1.0 credit):

POLB56H3 Critical Issues in POLB50Y3 Canadian Government and Politics

POLB57H3 The Canadian Constitution and the Charter of Rights

4. International Relations and Comparative Politics (2.0 credits):

POLB80H3 Introduction to International Relations I

POLB81H3 Introduction to International Relations II

POLB90H3 Comparative Development in International Perspective

POLB91H3 Comparative Development in Political Perspective

5. Methods (1.0 credit):

[STAB23H3 Introduction to Statistics for the Social Sciences or equivalent]

POLC78H3 Political Analysis I

6. Applications (5.0 credits):

5.0 credits in POL or PPG courses at the C- and/or D-level

7. Advanced Applications (1.0 credit)

At least 1.0 credit in POL or PPG courses at the D-level

Description of Proposed Changes:

Requirement 3: Required course POLB50Y3 is being retired from the curriculum and being replaced by two half-credit required courses POLB56H3 and POLB57H3.

Rationale:

The content in POLB56H3 and POLB57H3 will still cover the previous content taught in POLB50Y3 and will provide students with the required foundation to be prepared for the upper year Canadian Politics courses.

Impact: None

Consultation: DCC Approval: September 14, 2022

Resource Implications: None.

29 Course Modifications:

POLB80H3: Introduction to International Relations I

Exclusions: (POL208Y)

Rationale:

The exclusion is being updated to reflect POL208Y1 as retired from the UTSG curriculum. They have replaced the course with a series of half-credit courses, however upon review, the content of the new courses differs from UTSC's POLB80H3 and POLB81H3.

Consultation: DCC Approval: September 14, 2022

Resources: None.

POLB81H3: Introduction to International Relations II

Prerequisites: POLB80H3. Note: It is strongly recommended that students take POLB80H3 and POLB81H3 in

consecutive sessions.

Exclusions: (POL208Y)

Note: Note: It is strongly recommended that students take POLB80H3 and POLB81H3 in consecutive semesters.

Rationale:

- 1. The exclusion is being updated to reflect the retirement of UTSG's POL208Y1. They have replaced the course with a series of half-credit courses, however upon review, the content of the new courses differs from UTSC's POLB80H3 and POLB81H3.
- 2. The course note has been added to encourage students to take the prerequisite and this course in consecutive semesters

Consultation: DCC Approval: September 14 2022

Resources: None.

POLB90H3: Comparative Development in International Perspective

Exclusions: POL201H or (POL201Y)

Rationale:

The exclusion is being updated to reflect the retirement of UTSG's POL208Y1. They have replaced the course with a series of half-credit courses, and upon review, POL201H1 has significant overlaps in content with POLB90H3, and is, therefore, being listed as an exclusion.

Consultation:

DCC Approval: September 14 2022

Resources:

None.

POLB91H3: Comparative Development in Political Perspective

Exclusions: (POL201Y)

Rationale:

The exclusion is being updated to reflect the retirement of UTSG's POL208Y1. They have replaced the course with a series of half-credit courses, however upon review, the content of the new courses differs from UTSC's POLB80H3 and POLB81H3.

Consultation: DCC Approval: September 14 2022

Resources: None.

POLC32H3: The Canadian Judicial System

Prerequisites: [POLB56H3 and POLB57H3] or (POLB50Y3)

Rationale:

The prerequisites of the course are being updated to remove POLB50Y3 because this course is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approval: September 14, 2022

Resources: None

POLC33H3: Politics of International Human Rights

Description:

This course aims to provide students with an overview of the way human rights laws, norms, and institutions have evolved. In the first half of the class, we will examine the legal institutions and human rights regimes around the world, both global and regional. In the second half, we will take a bottom-up view by exploring how human rights become part of contentious politics. Special attention will be given to how human rights law transform with mobilization from below and how it is used to contest, challenge and change hierarchical power relationships. The case studies from the Middle East, Latin America, Europe and the US aim at placing human rights concerns in a broader sociopolitical context.

Area of Focus: International Relations Canadian Government and Politics

Rationale: The course calendar description has been updated to reflect the appropriate area of focus.

Consultation: DCC Approval: September 14 2022

Resources: None.

POLC34H3: The Politics of Crime

Prerequisites: POLB30H3 and [[POLB56H3 and POLB57H3] or (POLB50Y3)]

Rationale:

The prerequisites of the course are being updated to remove POLB50Y3 because this course is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation:

DCC Approval: September 14 2022

Resources:

None

POLC36H3: Law and Public Policy

Prerequisites: [POLB56H3 and POLB57H3] or (POLB50Y3)

Rationale:

The prerequisites of the course are being updated to remove POLB50Y3 because this course is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approval: September 14 2022

Resources: None.

POLC52H3: Indigenous Nations and the Canadian State

Prerequisites: [POLB56H3 and POLB57H3] POLB50Y3 or equivalent (POLB50Y3)

Rationale:

The prerequisites of the course are being updated to remove POLB50Y3 because this course is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approval: September 14 2022

Resources: None.

POLC53H3: Canadian Environmental Policy

Prerequisites: (FOLB50Y3) or [POLB56H3 and POLB57H3 equivalent] or ESTB01H3 or [1.5 credits at the B-level in CIT courses]

Rationale:

The prerequisites of the course are being updated to remove POLB50Y3 because this course is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approval: September 14 2022

Resources: None.

POLC54H3: Intergovernmental Relations in Canada

Prerequisites: [POLB56H3 and POLB57H3] POLB50Y3 or equivalent (POLB50Y3)

Rationale:

The prerequisites of the course are being updated to remove POLB50Y3 because this course is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approval: September 14 2022

Resources: None.

POLC56H3: Indigenous Politics and Law

Prerequisites: [POLB56H3 and POLB57H3] POLB50Y3 or (POLB50Y3) equivalent

Rationale:

The prerequisites of the course are being updated to remove POLB50Y3 because this course is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approval: September 14 2022

Resources: None.

POLC57H3: Intergovernmental Relations and Public Policy

Prerequisites: [[(POLB50Y3) or [POLB56H3 and POLB57H3] equivalent] and POLC54H3

Rationale:

The prerequisites of the course are being updated to remove POLB50Y3 because this course is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approval: September 14 2022

Resources: None.

POLC58H3: The Politics of National Identity and Diversity

Prerequisites: (POLB92H3)or [POLB56H3 and POLB57H3] or (POLB50Y3)

Rationale:

The prerequisites of the course are being updated to remove POLB50Y3 because this course is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approval: September 14 2022

Resources: None.

POLC59H3: Sources of Power: The Crown, Parliament and the People

Prerequisites: [POLB56H3 and POLB57H3] POLB50Y3 or (POLB50Y3) equivalent

Rationale:

The prerequisites of the course are being updated to remove POLB50Y3 because this course is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approval: September 14 2022

Resources: None.

POLC70H3: Political Thought: Foundations of Justice, Citizenship and Power

Title: Political Thought: Democracy Foundations of Justice, Justice Citizenship and Power

Description:

This course introduces students to central concepts in political theory, such as justice, rights, and the state. Readings will include classical and contemporary works that examine the meaning and justification of democracy medieval texts, such as well as the different forms it can take. Students will also explore democracy in practice in the classroom Plato's Republic and/or in the local community Aristotle's Politics.

Area of Focus: Political Theory

Rationale

The title and course description are being changed to better reflect the content covered in this course.

Consultation:

DCC Approval: September 14 2022

Resources: None.

POLC87H3: International Cooperation and Institutions

Prerequisites:

Previous: 1.0 credit from POLB80H3, POLB81H3, POLB90H3, or POLB91H3 POLB80H3 and POLB81H3

Rationale: The prerequisites of the course are being modified to ensure that students are better prepared to engage in the

course.

Consultation: DCC Approval: September 14, 2022

Resources: None.

POLC98H3: International Political Economy of Finance

Prerequisites:

Previous: 1.0 credit from POLB80H3, POLB81H3, POLB90H3, or POLB91H3 [POLB80H3 and POLB81H3] and

[MGEA01H3 or MGEA02H3] and [MGEA05H3 or MGEA06H3]

Enrolment Limits: 60

Rationale:

1. The prerequisites of the course are being modified to ensure that students are better prepared for this course.

2. The enrolment limits is being removed as they are no longer necessary

Consultation:

DCC Approval: September 14 2022

Consultation with Economics unit: September 13 2022

Resources: None.

POLD30H3: Legal Reasoning

Prerequisites: POLB30H3 and POLC68H3 and additional 1.5 credits at the C-level in POL courses

Enrolment Limits: 25; Priority will be given to students enrolled in the Minor in Public Law.

Rationale:

- 1. The course prerequisites are being changed to provide students with more enrolment flexibility.
- 2. The course enrolment limits are being updated with a maximum enrolment limit and priority message

Consultation: DCC Approval: September 14 2022

Resources: None.

POLD42H3: Advanced Topics in Public Law

Prerequisites: 1.0 1.5 credits from the following[POLC32H3, POLC36H3, POLC39H3, POLC39H3]

Enrolment Limits: 25

Rationale:

- 1. The course prerequisites are being changed to provide students more enrolment flexibility and also because POLC68H3 is being removed from the curriculum.
- 2. The enrolment limits are being changed as they are no longer necessary

Consultation:

DCC Approval: September 14 2022

Resources: None.

POLD50H3: Political Interests, Political Identity, and Public Policy

Prerequisites: [(POLB50Y3) or [POLB56H3 and POLB57H3] equivalent] and [1.5 credits at the C-level in POL or PPG courses]

Rationale:

The prerequisites of the course are being changed as POLB50Y3 is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approval: September 14 2022

Resources: None.

POLD51H3: Topics in Canadian and Comparative Politics

Prerequisites: [(POLB50Y3) or [POLB56H3 and POLB57H3] equivalent] and [1.5 credits at the C-level in POL courses]

Rationale:

The prerequisites of the course are being changed as POLB50Y3 is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approval: September 14 2022

Resources: None.

POLD52H3: Immigration and Canadian Political Development

Prerequisites: [[(POLB50Y3) or [POLB56H3 and POLB57H3] equivalent] and [1.5 credits at the C-level in POL or PPG courses]] or [15.0 credits including SOCB60H3]

Rationale:

The prerequisites of the course are being changed as POLB50Y3 is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approval: September 14 2022

Resources: None.

POLD53H3: Political Disagreement in Canada

Prerequisites: [(POLB50Y3) or [POLB56H3 and POLB57H3] equivalent] and [1.5 credits at the C-level in POL courses]

Rationale:

The prerequisites of the course are being modified as POLB50Y3 is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation:

DCC Approval: September 14 2022

Resources: None.

POLD54H3: Michi-Saagiig Nishnaabeg Nation Governance and Politics

Prerequisites: [(POLB50Y3) or [POLB56H3 and POLB57H3]] and[1.5 credits at the C-level in Political Science(POL and PPG courses)]

Rationale:

The prerequisites of the course are being modified as POLB50Y3 is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approval: September 14 2022

Resources: None.

POLD55H3: The Politics of Equality and Inequality in Canada

Prerequisites: [(POLB50Y3) or [POLB56H3 and POLB57H3] equivalent] and [1.5 credits at the C-level in POL courses]

Rationale:

The prerequisites of the course are being modified as POLB50Y3 is being retired from the curriculum and being replaced by two half credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approval: September 14 2022

Resources: None.

PPGC67H3: Public Policy in Canada

Prerequisites: [(POLB50Y3) or [POLB56H3 and POLB57H3] equivalent] or 1.5 credits at the B-level in CIT courses

Rationale:

The prerequisites of the course are being modified as POLB50Y3 is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approved: September 14 2022

Resources: None.

PPGD64H3: Comparative Public Policy

Prerequisites: PPGB66H3/(PPGC66H3)and[[(POLB50Y3) or [POLB56H3 and POLB57H3] equivalent] or [(POLB92H3) and (POLB93H3)]] and [1.5 credits at the C-level in POL or PPG courses]

Rationale:

The prerequisites of the course are being modified as POLB50Y3 is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approval: September 14 2022

Resources: None.

PPGD68H3: Capstone: The Policy Process in Theory and Practice

Prerequisites: PPGB66H3 and [(POLB50Y3) or [POLB56H3 and POLB57H3]] and[1.5 credits at the C-level in POL courses]

Rationale:

The prerequisites of the course are being modified as POLB50Y3 is being retired from the curriculum and being replaced by two half-credit courses POLB56H3 and POLB57H3. The new prerequisites reflect this change.

Consultation: DCC Approval: September 14 2022

Resources: None.

2 Retired Courses:

POLB50Y3: Canadian Government and Politics

Rationale:

POLB50H3Y is being split into two half credits (new course code: POLB56H3 and POLB57H3). Splitting this course allows the new courses to develop and deliver complementary, but distinct learning objectives. This restructuring is based on the insights from the curriculum mapping exercise the department carried out as part of their self-study for the external review in 2021-2, as well as forward-looking discussions about the position of the Public Law program in the overall political science curriculum. It has been demonstrated that the "civics" component of Canadian politics can be covered in a single semester. The sequence of C- and D-level courses in Public Law will benefit students having a stronger second-year foundation in the role of the legal system. The previous structure generated an excessive overlap between POLB50Y3 and POLC68H3. The new course, POLB57H3, consolidates these materials, prevents excessive duplication, and enables the Public Law program to pursue more specialized themes in C- and D-level courses. More generally, this change supports and creates further opportunities for the program in Public Law, which will be able to assume students have a strong grasp of the Canadian Constitution going into the C-level courses. Finally, splitting the courses provides the department with greater flexibility to provide expert instructors in both courses.

Consultation:

DCC Approval: September 14 2022

POLC68H3: The Constitution of Canada and the Charter of Rights and Freedoms

Rationale:

The retirement of POLC68H3 in the curriculum is being made in relation to the retirement of POLB50Y3 in the curriculum, along with the introduction of POLB56H3 and POLB57H3. POLB50H3Y is being split into two half credits (new course code: POLB56H3 and POLB57H3). The sequence of C- and D-level courses in Public Law will benefit students having a stronger second-year foundation in the role of the legal system. The previous structure generated a significant overlap between POLB50Y3 and POLC68H3. It was determined by the department that POLC68H3's learning outcomes and topics covered were more suited for a B-level course. The new course, POLB57H3, consolidates these materials, prevents excessive duplication, and enables the Public Law program to pursue more specialized themes in C- and D-level courses.

Consultation:

DCC Approval: September 14 2022