



**FOR INFORMATION**

**PUBLIC**

**OPEN SESSION**

**TO:** Committee on Academic Policy and Programs

**SPONSOR:** Professor Sioban Nelson, Vice-Provost, Academic Programs

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**CONTACT INFO:**

**DATE:** April 18 for May 9, 2017

**AGENDA ITEM:** 7

**ITEM IDENTIFICATION:**

- I. Annual Report on Major Modifications, 2016-17
- II. Annual Report on Transcript Notations, 2016-17
- III. Report on Administrative Changes and Minor Modifications Affecting program Structure

**JURISDICTIONAL INFORMATION:**

The Committee on Academic Policy and Programs (AP&P) receives for information annual reports on major modifications (as defined in the University of Toronto Quality Assurance Process (UTQAP)) and one the established and on the establishment and termination of transcript notations (*AP&P Terms of Reference, Section 4.4*)

**GOVERNANCE PATH:**

1. Committee on Academic Policy and Programs [for information] (May 9, 2017)

**PREVIOUS ACTION TAKEN:**

The first report of this kind under the UTQAP was provided to the AP&P in 2011-12, and reports have been provided annually since then.

**HIGHLIGHTS:**

I. Contained within the 2016-17 Annual Report on Major Modifications are items that have been approved under delegated authority by the Councils of the academic divisions and the UTM and UTSC Academic Affairs Committees.

The UTQAP, as approved September 21, 2012 by the Ontario Universities Council on Quality Assurance, defines a major modification as “a restructuring of a program, a merger of existing

programs or a renewal of a program in order to keep it current with its academic discipline” (UTQAP, page 17). This definition is subject to change.

Major modifications, broadly, are understood to include the following:

A. Significant changes to program requirements:

- Creation of a new program of specialization where another with the same designation already exists (e.g., a new specialist program where a major with the same designation already exists)
- Addition of a new major or specialist that does not differ substantially in program requirements or learning outcomes from an existing program
- Merger of two or more existing programs
- Creation of a new combined program
- Creation of a freestanding minor where there is no existing program of specialization
- The creation of new bridging options for college diploma graduates
- The introduction or deletion of a thesis requirement, co-op requirement or placement at the undergraduate or graduate level
- The creation or deletion of a field within an existing graduate program
- The creation or deletion of a stream within an existing undergraduate program

B. Significant changes to the learning outcomes:

- Changes to program content that affect the learning outcomes, but do not meet the threshold for a “new program”

C. Significant changes to the faculty engaged in delivering the program and/or to the essential physical resources as may occur, for example, where there have been changes to the existing mode(s) of delivery (e.g., different campus, online delivery, inter-institutional collaboration):

- A change to the language of the program
- The establishment of an existing degree program at another institution or location
- Change in mode of delivery of a program such as from classroom to online or full-time to part-time

Proposals for major modifications are developed in consultation with the Office of the Vice-Provost, Academic Programs and approved at the level of the Faculty/Division. Major modifications are reported annually to the Quality Council by the Office of the Vice-Provost, Academic Programs.

II. There are no changes to Transcript Notations to report this year.

III. This list of minor modifications to programs is routinely provided to shared-service offices to ensure they remain abreast of such changes that affect for-credit academic programs. It is also provided to the AP&P for reference and to give a complete perspective regarding on-going academic change.

## **FINANCIAL IMPLICATIONS:**

There are no financial implications

**RECOMMENDATION:**

For information

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**DOCUMENTATION PROVIDED:**

- *Report on Major Modifications*
- *Report on Administrative Changes and Report on Minor Modifications Affecting Program Structure*

## Report on Major Modifications 2016-17

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
Dalla Lana School of Public Health	MSc in Health Policy, management and Evaluation	Institute of health Policy and Evaluation	M.Sc.	Closure of a concentration within an existing degree program	Health Technology Assessment and Management concentration of the MSc in Health Policy, Management and Evaluation has closed due to low enrolment. Students and faculty interested in the area now pursue studies through the Health Services Research concentration of the MSc in Health Policy, Management and Evaluation and the courses associated with the closing concentration will be offered as part of that concentration. One student is currently in the concentration and is expected to complete the degree program prior to the closure date.	10/17/2016	11/30/2019
Dalla Lana School of Public Health	Collaborative Specialization in Global Health	N.A.	Doctoral level	Addition of the master's level to an existing Collaborative Specialization	The master's level has been added to the existing Collaborative Specialization in Global Health in response to interest expressed among participating programs during the 2016 review. Eight programs will participate at the master's level. During proposal development it was confirmed that the collaborative specialization is in alignment with the new Quality Assurance Framework definition of collaborative	03/06/2017	09/01/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
					specializations. The existing emphasis in Global Health offered to students in the Master of Public Health will close as a consequence of this new offering.		
Dalla Lana School of Public Health/ Faculty of Nursing	Combined Degree Program: MHSc in Health Administration / Master of Nursing	Institute of Health Policy and Evaluation / Faculty of Nursing	M.H.Sc. and M.N.	Closure of a Combined Degree Program	The Combined Degree Program between the Master of Health Science in Health Administration and Master of Nursing has closed. Changes to program delivery and curriculum in the Master of Nursing program have resulted in low enrolment. There are currently no students enrolled in the program. Admissions were administratively suspended as of March 2014.	10/17/2016 & 11/02/2016	12/31/2016
Faculty of Arts and Science <sup>1</sup>	Major in Caribbean Studies	Faculty of Arts and Science	H.B.A.	Change to program requirements resulting in a change to the learning outcomes	Program requirements for the Major have changed so that the program requirements increase from 6.0 full course equivalents (FCEs) to 7.0 and a number of other changes have been made to the program requirements. These changes align with the 2012 recommendations of the UTQAP review of the program that recommended increased coherency and diversity of course offerings. The changes strengthen the interdisciplinary of the breadth and depth of	02/02/2015	09/01/2015

<sup>1</sup> Major Modification reported out of cycle. Several major modifications in the Faculty of Arts and Science with an approval date of 02/02/2015 are reported in this year's major mod report. See Appendix A for details. See Appendix A for details

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
					the program and this is now reflected in the learning outcomes.		
Faculty of Arts and Science	Specialist in Caribbean Studies	Faculty of Arts and Science	H.B.A.	Change to program requirements resulting in a change to the learning outcomes	Program requirements for the Specialist analogous to the Major (above) but the program requirements remain 10.0 FCEs. These changes align with the 2012 recommendations of the UTQAP review of the program that recommended increased coherency and diversity of course offerings. The changes strengthen the interdisciplinary of the breadth and depth of the program and this is now reflected in the learning outcomes.	02/02/2015	09/01/2015
Faculty of Arts and Science	Major in Environmental Geoscience	Department of Earth Sciences	H.B.Sc.	Restructuring an existing program resulting in a change to the learning outcomes. Renaming an existing program	The Major in in Environmental Geoscience has been restructured and renamed the Major in Earth and Environmental Systems, allowing students to distinguish more clearly between the Department’s undergraduate options, especially between this Major and the Major in Geoscience. The restructuring and renaming of the program reflects the renaming of the Department of Earth Sciences and the transfer to the Department of 3.5 FTE faculty from Physical Geography in 2012. The learning outcomes have changed so they are more distinct from the existing Major in Geoscience and the	02/02/2015	09/01/2015

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
					program requirements have changed. Year 2 requirements have been changed to cover the science of the Earth from a systems perspective throughout Earth history; course clusters have been introduced to guide student course selection.		
Faculty of Arts and Science	Specialist in Genes, Genetics & Biotechnology	Faculty of Arts and Science, Human Biology offerings	H.B.Sc.	Change to program requirements resulting in a change to learning outcomes. Renaming a programs	The Specialist in Genes, Genetics & Biotechnology program has been renamed to Fundamental Genetics and its Applications. The program requirements have changed so introductory genetics and statistics courses, as well as a 4th year research project course will be required. The learning outcomes have been clarified and there has been streamlining of course offerings. These changes were made in response to recommendations of the 2014-15 review of the Human Biology offerings consisting of Specialist and Major programs.	02/02/2015	09/01/2015
Faculty of Arts and Science	Major in Genes, Genetics & Biotechnology	Faculty of Arts and Science, Human Biology offerings	H.B.Sc.	Change to program requirements resulting in a change to learning outcomes.	The Major in Genes, Genetics & Biotechnology program has been renamed to Fundamental Genetics and its Applications. The program requirements have changed so an introductory genetics and a statistics course will now be required for the program. The learning outcomes have been clarified and there has been	02/02/2015	09/01/2015

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
				Renaming a program.	streamlining of course offerings. These changes were made in response to recommendations of the 2014-15 review of the Human Biology offerings consisting of Specialist and Major programs		
Faculty of Arts and Science	Specialist in Health and Disease	Faculty of Arts and Science, Human Biology offerings	H.B.Sc.	Change to program requirements resulting in a change to learning outcomes	Changes to the program requirements were made to emphasize fundamental concepts in health and disease and how these concepts have impacted society. The changes involved streamlining of course offerings through clarifying program requirements and progress through the years, incorporating online tools to enhance the learning experience in a few courses, the introduction of community engaged learning in 2 course. The Introductory genetics and statistics is now required and the new courses HMB360, Neurogenomics, and HMB401, Patents in medicine, are now part of the requirements. These changes were made in response to recommendations of the 2014-15 review of the Human Biology offerings consisting of Specialist and Major programs	02/02/2015	09/01/2015
Faculty of Arts and Science	Major in Health and Disease	Faculty of Arts and Science,	H.B.Sc.	Change to admission and program	The changes to the program requirements were made to emphasize fundamental concepts in health and disease and how	02/02/2015	09/01/2015



Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
		Human Biology offerings		requirements resulting in a change in learning outcomes	these concepts have impacted society. The changes involved streamlining of course offerings through clarifying program requirements and progress through the years, incorporating online tools to enhance the learning experience in a few courses, the introduction of community engaged learning in 2 course. The Introductory genetics and statistics is now required and the new courses HMB360, Neurogenomics, and HMB401, Patents in medicine, are now part of the requirements. These changes were made in response to recommendations of the 2014-15 review of the Human Biology offerings consisting of Specialist and Major programs		
Faculty of Arts and Science	Major in Human Biology	Faculty of Arts and Science, Human Biology offerings	H.B.Sc.	Change to program requirements resulting in a change to learning outcomes	The program requirements of the Major in Human Biology have changed so that an introductory genetics and a statistics course are now required. The learning outcomes have been clarified and there has been streamlining of course offerings. These changes were made in response to recommendations of the 2014-15 review of the Human Biology offerings consisting of Specialist and Major programs	02/02/2015	09/01/2015

<b>Faculty</b>	<b>Program</b>	<b>Unit (if Applicable)</b>	<b>Degree Designation</b>	<b>Type of Modification</b>	<b>Brief Description of Modification</b>	<b>Date of Institutional Approval (MM/DD/YYYY)</b>	<b>Date Effective (MM/DD/YYYY)</b>
Faculty of Arts and Science	Specialist in Neuroscience	Faculty of Arts and Science, Human Biology offerings	H.B.Sc.	Change to program requirements resulting in a change to learning outcomes	The changes involved streamlining of course offerings through clarifying program requirements and progress through the years, incorporating online tools to enhance the learning experience in a few courses, the introduction of community engaged learning in 2 courses. These changes were made in response to recommendations of the 2014-15 review of the Human Biology offerings consisting of Specialist and Major programs	02/02/2015	09/01/2015
Faculty of Arts and Science	Major in Neuroscience	Faculty of Arts and Science, Human Biology offerings	H.B.Sc.	Change to admission and program requirements resulting in a change to learning outcomes	Program requirements of the Major have changed so that an introductory genetics and a statistics course are now required. The learning outcomes have been clarified and there has been streamlining of course offerings. These changes were made in response to recommendations of the 2014-15 review of the Human Biology offerings consisting of Specialist and Major programs	02/02/2015	09/01/2015
Faculty of Arts and Science	Major in Public Policy	School of Public Policy and Governance	H.B.A.	Change to the admission and program requirements resulting in a change to learning outcomes	The admission requirement of 1.0 full credit equivalent (FCE) course in Math has been removed and the new course, PPG 200H, Microeconomic Analysis for Public Policy has been added to make quantitative content more accessible to students. Program requirements for the Major have decreased from 8.0 FCEs to 7.5 FCEs. These changes	02/02/2015	09/01/2015

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
					allow highly qualified students without Math background to enter the program and provides quantitative content through the new course in a more accessible manner. The program learning outcomes now reflect these changes.		
Faculty of Arts and Science	Specialist in History	Department of History	H.B.A.	Change to program requirements resulting in a change to learning outcomes	Previously students in the Specialist in History completed 1.5 out of 10.0 full course equivalent (FCEs) of non-specified courses at the 400 level. Now students will complete 1.5 FCEs through one of three options: a full year senior thesis and .5 FCE 400 level course; or a half year senior thesis and two .5 FCEs 400 level courses, or a 400 level methodology half course, selected from a list, and two 400 level courses. These more focused options provide increased research experience and interaction with faculty to students interested in graduate studies. The change also gives student and opportunity to complete projects of their own devising.	03/22/2017	09/01/2017
Faculty of Arts and Science	Specialist in Fundamental Genetics and its Applications	Faculty of Arts and Science, Human Biology offerings	H.B.Sc.	Change to program requirements resulting in a change to learning	The program requirements have been reduced from 14.0 FCEs to 12.0 FCE to allow students to complete a minor in order to enhance trans-disciplinary education within the degree. Courses allowed for the program at the higher levels have been	03/22/2017	09/01/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
				outcomes. Change in faculty / other essential resources.	reviewed and revised to better reflect courses that are directly related to the area of study. There is now a requirement to complete .5 FCE research-based course. The new Human Biology program teaching labs will open in September 2017, allowing for greater course capacity in some 300 level courses and an increased quality research experience. An additional faculty member, who will be in place as of July 1, 2017, will support these changes.		
Faculty of Arts and Science	Specialist in Global Health	Faculty of Arts and Science, Human Biology offerings	H.B.Sc.	Change to program requirements resulting in a change to learning outcomes	The program requirements of the Specialist have been changed and re-focused to better reflect current offerings in the area. Changes include the new requirement for a .5 FCE statistics course, a requirements for 1.0 FCE on human structure, and .5 FCE requirement for a course in the area of social science to provide a focus on the social dimensions of Global health. The number of Global health relevant courses has been adjusted. In addition the program requirements have been reduced from 15.5 FCEs to 13.5 FCEs. These changes are reflected in changes to the learning outcomes of the program. These changes were made in response to recommendations	03/22/2017	09/01/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
					of the 2014-15 review of the Human Biology offerings consisting of Specialist and Major programs.		
Faculty of Arts and Science	Major in Global Health	Faculty of Arts and Science, Human Biology offerings	H.B.Sc.	Change to program requirements resulting in a change to learning outcomes	Program requirements for the 8.0 FCE Major have been changed and re-focused to better reflect current offerings in the area. Changes include the new requirement for a .5 FCE statistics course, a requirements for 1.0 FCE on human structure, and .5 FCE requirement for a course in the area of social science to provide a focus on the social dimensions of Global health. The number of Global health relevant courses has been adjusted. These changes are reflected in changes to the learning outcomes of the program. These changes were made in response to recommendations of the 2014-15 review of the Human Biology offerings consisting of Specialist and Major programs.	03/22/2017	09/01/2017
Faculty of Arts and Science	Major in Fundamental Genetics and its Applications	Faculty of Arts and Science, Human Biology offerings	H.B.Sc.	Change to program requirements resulting in a change to learning outcomes.	Changes to the 8.0 FCE Major overall changed the higher level course requirements to better reflect courses that are directly related to the area. Specific changes include a new requirement to complete both MHB301H, Introduction to Biotechnology and HMB321 Topics in	03/22/2017	09/01/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
				Change in faculty / other essential resources.	Genetics, and a .5 FCE from a pre-approved higher-level lab course or research based course with genetics related content. The new Human Biology program teaching labs will open in September 2017, allowing for greater course capacity in some 300 level courses and an increased quality research experience. An additional faculty member, who will be in place as of July 1, 2017, will support these changes. These changes were made in response to recommendations of the 2014-15 review of the Human Biology offerings consisting of Specialist and Major programs.		
Faculty of Arts and Science	Specialist in Health and Disease	Faculty of Arts and Science, Human Biology offerings	H.B.Sc.	Change to program requirements resulting in a change to learning outcomes. Change in faculty / other essential resources.	The program requirements have been reduced from 13.5 FCEs to 13.0 FCEs as part of the re-alignment of the program requirements. HMB322H1, Topics in Health & Disease is now a required course and a .5 FCE research-based course is now required. The new Human Biology program teaching labs will open in September 2017, allowing for greater course capacity in some 300 level courses and an increased quality research experience. An additional faculty member, who will be in place as of July 1, 2017, will support these changes. These changes were	03/22/2017	09/01/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
					made in response to recommendations of the 2014-15 review of the Human Biology offerings consisting of Specialist and Major programs.		
Faculty of Arts and Science	Major in Health and Disease	Faculty of Arts and Science, Human Biology offerings	H.B.Sc.	Change to program requirements resulting in a change to learning outcomes. Change in faculty / other essential resources.	Program changes include: students now have the option to take either HMB302H1 or HMB322H1 which will allow more program flexibility. A statistics course is now required and there is now a required a lab or research based course. These changes will ensure all students meet the learning outcomes. The new Human Biology program teaching labs will open in September 2017, allowing for greater course capacity in some 300 level courses and an increased quality research experience. An additional faculty member, who will be in place as of July 1, 2017, will support these changes. These changes were made in response to recommendations of the 2014-15 review of the Human Biology offerings consisting of Specialist and Major programs.	03/22/2017	09/01/2017
Faculty of Arts and Science	Major in Human Biology	Faculty of Arts and Science, Human Biology offerings	H.B.Sc.	Change to program requirements resulting in a change to	Program requirements of the 8.0 FCE Major have been revised to emphasize fundamental concepts in human biology. The changes include adding 1.0 FCE in the function of the human body and 1.0 FCE in	03/22/2017	09/01/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
				learning outcomes	structure of the human body as a requirement instead of a choice between these two areas. There has also been a change in course options around chemistry and Biochemistry courses to clarify students' options. These changes have also been reflected in the learning outcomes for the program. These changes were made in response to recommendations of the 2014-15 review of the Human Biology offerings consisting of Specialist and Major programs.		
Faculty of Arts and Science	Specialist in Neuroscience	Faculty of Arts and Science, Human Biology offerings	H.B.Sc.	Change to program requirements resulting in a change to learning outcomes. Change in faculty / other essential resources.	The program requirements have been reduced from 13.5 FCE to 12.0 FCE to allow students to complete a minor in order to enhance trans-disciplinary education within the degree. Courses allowed for the program at the higher levels have been reviewed and revised to better reflect courses that are directly related to the study of neuroscience including removing the requirements for a 0.5 FCE course in the field of systems neuroscience and .5 FCE course in molecular and cellular basis of brain structure and function. There is a new requirement for a 0.5 FCE course with neuroimaging content. The new Human Biology program teaching labs will open in September 2017, allowing	03/22/2017	09/01/2017



Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
					for greater course capacity in some 300 level courses and an increased quality research experience. An additional faculty member, who will be in place as of July 1, 2017, will support these changes		
Faculty of Arts and Science	Major in Neuroscience	Faculty of Arts and Science, Human Biology offerings	H.B.Sc.	Change to admission and program requirements resulting in a change to learning outcomes. Change in faculty / other essential resources.	Admission will now be limited to students who have completed required first year courses. Program requirements have changed in response to a review of higher level courses to better reflect courses that are directly related to the study of neuroscience. A 0.5 FCE from a pre-approved higher-year lab course with neuro-related lab skills is now required. An 0.5 FCE course with significant neuro structure is now required. A .5 FCE higher-year lab course is now required. The new Human Biology program teaching labs will open in September 2017, allowing for greater course capacity in some 300 level courses and an increased quality research experience. An additional faculty member, who will be in place as of July 1, 2017, will support these changes	03/22/2017	09/01/2017
Faculty of Arts and Science	Specialist in Jewish Studies	Anne Tanenbaum	H.B.A.	Change to program requirements	Previously the Specialist in Jewish Studies students completed 4.0 FCEs in their 10.0 FCE program in one of the four areas of	03/22/2017	09/01/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
		Centre for Jewish Studies		resulting in a change to learning outcomes	concentration and .5 out of the 1.0 FCE 400 level course requirement in the concentration area. Under the new program requirements students complete 5.0 FCEs in any of the areas of concentration and 1.0 FCE 400 level courses in any of the concentration areas. The change provides flexibility for students who are interested in careers in non-academic environments and responds to feedback from students.		
Faculty of Arts and Science	Major in Jewish Studies	Anne Tanenbaum Centre for Jewish Studies	H.B.A.	Change to program requirements resulting in a change to learning outcomes	Previously students in the Major completed 4.0 FCEs in one of 4 Jewish Studies areas of concentrations and .5 FCE at the 400 level in the chosen area of concentration. Under the new program requirements students complete 5.0 FCEs in any area of concentration and the .5 400 level course will also be in any area of concentration. The change provides flexibility for students who are interested in careers in non-academic environments and responds to feedback from students.	03/22/2017	09/01/2017
Faculty of Arts and Science	Specialist in Sociology	Department of Sociology	H.B.A.	Change to admission and program requirements resulting in a	Required courses in the 7.0 FCE program have changed so there is additional methodological and theoretical training at different points of the program, allowing a more scaffolded approach throughout the	03/22/2017	09/01/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
				change to the learning outcomes	program. This has been done by changing the 100 level requirements so there is a stronger focus on research; adding a 200 level course in qualitative methods to the requirements, and providing specific courses at the 300 level for students to choose from. This change provides a more deliberate and robust training for students.		
Faculty of Arts and Science	Major in Sociology	Department of Sociology	H.B.A.	Change to admission and program requirements resulting in a change to the learning outcomes	Required courses in the 10.0 FCE program have changed so there is additional methodological and theoretical training at different points of the program, allowing a more scaffolded approach throughout the program. This has been done by changing the 100 level requirements so there is a stronger focus on research; adding a 200 level course in qualitative methods to the requirements, and providing specific courses at the 300 level for students to choose from. This change provides a more deliberate and robust training for students.	03/22/2017	09/01/2017
Faculty of Arts and Science	Applied Computing	Departments of Computer Science and Statistical Sciences	M.A.Sc.	Creation of a concentration and closure of fields of study within an	The new concentration called Data Science in the existing Master of Science in Applied Computing will be offered jointly by the Departments of Computer Science and Statistical Sciences. The new concentration responds to a demand for graduates with	10/12/2016	09/01/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
				existing program	expertise in both computer and statistical science. The proposal also closed the 10 existing fields of study of the MASc. Students will now take either the program requirements for the degree program, which remain unchanged, or the requirements for the concentration.		
Faculty of Arts and Science	Global Affairs	Munk School of Global Affairs	M.G.A.	Creation of a dual degree	Dual Degree Programs allow students to study in two existing, approved degree programs, one at the University of Toronto and the other at an international peer institution, and complete the requirements and learning outcomes of both degree programs. Students are awarded both degrees. The dual degree is between the University of Toronto Faculty of Arts and Science’s Master of Global Affairs (MGA) and Sciences Po School of Public Affairs’ Master in Public Policy (MPP). Students begin the dual degree by completing the first two terms of the MPP in France, counting 2.0 FCE of the MPP program towards the requirements of the MGA. Starting summer of year 1 students register in the MGA and complete the remaining 6.0 FCE of the total 8.0 FCE MGA requirements. .	12/14/2016	09/01/2018

<b>Faculty</b>	<b>Program</b>	<b>Unit (if Applicable)</b>	<b>Degree Designation</b>	<b>Type of Modification</b>	<b>Brief Description of Modification</b>	<b>Date of Institutional Approval (MM/DD/YYYY)</b>	<b>Date Effective (MM/DD/YYYY)</b>
Faculty of Applied Science and Engineering	Collaborative Specialization in Psychology and Engineering	N.A.	N.A.	Creation of a Collaborative Specialization	The new Collaborative Specialization in Psychology and Engineering provides students in the MA in Psychology and the MASc in Mechanical and Industrial Engineering interested in the growing interdisciplinary scholarship at the nexus of psychology and engineering an opportunity to focus on this area. Students will complete a seminar series course and two half-course (1.0 FCE) identified courses in Engineering and Psychology. Students will complete their thesis in the area. During proposal development it was confirmed that the collaborative specialization is in alignment with the new Quality Assurance Framework definition of collaborative specializations.	04/10/2017 (FASE)  04/19/2017 (FAS)	09/01/2017
Faculty of Applied Science and Engineering	Master of Engineering in Mechanical & Industrial Engineering	Department of Mechanical & Industrial Engineering	M.Eng.	Creation of a dual degree with an international institution	Dual Degree Programs allow students to study in two existing, approved degree programs, one at the University of Toronto and the other at an international peer institution, and complete the requirements and learning outcomes of both degree programs. Students are awarded both degrees. This dual degree program involves the Bachelor of Engineering program offered by the South China University of Technology's School of Mechanical and	09/01/2017	02/28/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
					Automotive Engineering and Master of Engineering in Mechanical & Industrial Engineering program offered by the University of Toronto's Faculty of Applied Science and Engineering through the Department of Mechanical & Industrial Engineering. The dual degree will allow outstanding third-year students at SMAE to complete their fourth year of undergraduate studies at U of T as Visiting International Non-Degree Students, and receive a conditional offer of admission into the MEng program, which they complete in its entirety. There is no double counting of requirements toward the M.Eng. degree program.		
Faculty of Applied Science and Engineering	Civil Engineering	Department of Civil Engineering	M.A.Sc.	Change to program length	The program length of the M.A.Sc. in Civil Engineering has increased by one session, from 5 to 6 sessions, to more accurately reflect the time it takes students to complete their program. This change is in line with the other M.A.Sc. degree programs in the Faculty of Applied Science and Engineering	04/10/2017	09/01/2017
Faculty of Applied Science	Master of Engineering in	Institute of Biomaterials	M.Eng.	Addition of a part-time option	An option to complete the Master of Engineering in Biomedical Engineering part-time has been added to the program.	04/10/2017	09/01/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
and Engineering	Biomedical Engineering	and Biomedical Engineering			Approximately a third of the successful applicants to the full-time program either defer their admission to the following year or declined the admission offer. These students often cite their reluctance to leave their current employment and their concerns with potential financial strain. The part-time option will enable those who are currently employed full-time to complete the degree program and may be of interest to students in other programs who wish to enrol in the degree program.		
Faculty of Applied Science and Engineering	Bachelor of Applied Science - Chemical Engineering, Electrical Engineering, Mechanical Engineering, Materials Science & Engineering Bachelor of Applied	Chemical Engineering & Applied Chemistry; Electrical & Computer Engineering; Mechanical & Industrial Engineering; Materials Science & Engineering; Division of	N.A.	Creation of a freestanding minor	The new Minor in Advanced Manufacturing consists of 3.0 FCEs, and will give students access to a wide suite of options to pursue this area. Students from all undergraduate engineering programs are eligible to apply for enrolment in the new minor and it is designed to fit well with the third and fourth year programs in Mechanical & Industrial Engineering, Chemical Engineering & Applied Chemistry, Electrical & Computer Engineering, and Materials Science & Engineering.	02/28/2017	09/01/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
	Science in Engineering – Engineering Science	Engineering Science					
Faculty of Information	Information	N.A.	M.I.	Change to program requirements	Changes were made to the program requirements of the Library and Information Science concentration of the Master of Information in order to bring the curriculum in line with changes to the academic area. The program requirements were changed to reduce the number of concentration-specific requirements from 5 to 4 half courses and 4 new required half-courses (2.0 FCE in the 8.0 degree program) were added. This change results in an increase to the elective space for the concentration of .5 FCE.	03/23/2016	09/01/2017
Faculty of Law	Global Professional Law	N.A.	G.P.LL.M.	Creation of concentrations with an existing program	Three new concentrations have been added to the GPLLM degree program: Canadian Law in a Global Context; Innovation, Law, and Technology; and Law of Leadership. As part of this proposal program requirements of the existing Business Law field of study, changed and this field transitioned to the concentration nomenclature. Both the existing and new concentrations support the unchanged program learning outcomes, which focus on the intersection of law,	01/17/2017	09/01/2017



Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
					business and innovation in a global, professional context.		
Faculty of Law	Law	N.A.	LL.M.	Creation of dual degree program	Dual Degree Programs allow students to study in two existing, approved degree programs, one at the University of Toronto and the other at an international peer institution, and complete the requirements and learning outcomes of both degree programs. Students are awarded both degrees. The dual degree is between the National University of Singapore's Bachelor of Laws and the University of Toronto, Faculty of Law's Master of Laws (LLM). Upon completing 3 years of the 4 year LLB, selected students will enrol in the LLM, which is completed in its entirety. There is no double counting of LLB requirements toward the LLM requirements.	11/23/2016	09/01/2017
Leslie Dan Faculty of Pharmacy	Pharmacy, B.Sc.PhM / Post-Baccalaureate Pharm.D	Graduate Department of Pharmaceutical Sciences	B.Sc.PhM / Pharm.D.	Closure of Combined Degree Program	The combined program was created as a temporary pathway for students in the BScPhm to receive advanced practice education, similar to that received by their peers in the new entry-to-practice PharmD program. Throughout the duration of the combined BScPhm/PharmD program 84 students graduated with both the BScPhm and Post-Baccalaureate PharmD degrees.	04/27/2017	06/30/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
					The final cohort of students in this pathway graduated in 2015 and there are no longer any students in the combined program.		
Faculty Medicine	Medical Biophysics	Department of Medical Biophysics	M.Sc. & Ph.D.	Program requirement change	The curriculum of the MSc and PhD in Medical Biophysics programs has changed to allow students to take .25 FCE modules as part of their coursework. Program requirements for both programs have been reduced so the master's students complete 2.5 FCEs of coursework and PhD students complete 3.5 FCEs of coursework before completing their theses. This change responds to recommendations made in the 2012 review of the programs, and is designed to provide greater choice and flexibility of curricular structure in this multi-disciplinary department. The modules will also allow for a higher level of engagement among faculty members.	04/24/2017	09/01/2017
Ontario Institute for Studies in Education	Developmental Psychology and Education	Department of Applied Psychology and Human Development	M.A.	Program requirement change resulting in a change to the learning outcomes	The number of elective courses students may take in the MA in Developmental Psychology has been reduced from 3 to 1 thereby reducing the overall course requirements of the program from 6 to 4 (2.0 FCEs). This allows students to devote more time in the 1 year program to the thesis requirement.	02/15/2017	09/01/2017

<b>Faculty</b>	<b>Program</b>	<b>Unit (if Applicable)</b>	<b>Degree Designation</b>	<b>Type of Modification</b>	<b>Brief Description of Modification</b>	<b>Date of Institutional Approval (MM/DD/YYYY)</b>	<b>Date Effective (MM/DD/YYYY)</b>
Ontario Institute for Studies in Education	Counselling Psychology	Department of Applied Psychology and Human Development	M.Ed.	Creation of a new field of study within an existing program	A new field of study called Global Mental Health and Counselling Psychology has been created within the Master of Education in Counselling Psychology program. The program has two existing fields called Counselling and Psychotherapy, and Guidance and Counselling. The new field gives students the opportunity to learn and develop skills appropriate for the field of mental health and counselling psychology and will prepare students to work in a variety of applied settings, including educational, vocational, and mental health globally. This field will not lead to registration as a Certified Canadian Counsellor with the Canadian Counselling and Psychotherapy Association, nor will it lead to registration with the College of Psychotherapists in Ontario.	02/15/2017	09/01/2017
Ontario Institute for Studies in Education	Collaborative Specialization in Education, Francophonies and Diversity	N.A.	N.A.	Creation of Collaborative Specialization	The New Collaborative Specialization allows both master's and PhD students registered in a participating program to critically examine educational issues in the context of Francophone linguistic minorities in Ontario, in Canada and in the world, with the notions of equity, diversity and minoritization at the core of this critical examination. The	10/19/2017	09/01/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
					emphasis will be on understanding social practices in education, looking specifically at how difference gets constructed, problematized and transformed. Students will complete a core course and 2 elective courses in the area as well as attend a set number of seminar series sessions. During proposal development it was confirmed that the collaborative specialization is in alignment with the new Quality Assurance Framework definition of collaborative specializations		
Joseph L. Rotman School of Management	Executive Master of Business Administration	N.A.	M.B.A	Creation of a field of study within an existing program	A new field has been created within the Executive Master of Business Administration program called Global EMBA for Healthcare and the Life-Sciences. The new field focuses on a business and economics perspective for health systems and life-sciences businesses with an emphasis on strategic decision-making, data analytics, system integration, design, innovation-commercialization, and value creation within the global value chain. It responds to interest from potential EMBA applicants for an offering that focuses specifically on the unique challenges of healthcare and life-sciences, combined with business principles.	02/13/2017	09/01/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
Toronto School of Theology	Pastoral Studies	Knox College	M.P.S.	Change faculty / other essential resources	Knox College, a member institution of the Toronto School of Theology, will now offer the existing second-entry undergraduate conjoint program, Master of Pastoral Studies. Knox College will offer the MPS with the option to take three focuses called spiritual care, preaching and worship and social service. Knox College added this program to its second-entry undergraduate degree offerings to enhance its academic mission in response to requests from students, the needs of its ecclesial constituencies.	20/05/2016	09/01/2016
Toronto School of Theology	Theological Studies	Wycliffe College	M.T.S.	Creation of a stream within an existing program	A new stream called Urban Community Development Studies has been added to the Conjoint Master of Theological Studies, a second-entry undergraduate program conferred jointly through the Toronto School of Theology and the University of Toronto. The stream will be delivered through Wycliffe College, a member institution of the Toronto School of Theology. The stream is designed to equip students with knowledge and skills to serve and lead local non-profit, church and development organizations in urban community contexts. Students will complete the degree program requirements	04/24/2017	09/01/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
					and designed courses in the area of the stream.		
University of Toronto Mississauga	NA	Institute for Management and Innovation	NA	Create a Freestanding minor	Creation of a freestanding minor called Business, Science and Entrepreneurship to be offered by the Institute for Management and Innovation. The minor will provide students pursuing a Bachelor of Science degree at UTM with fundamental business knowledge. It will complement their science education and support their future success.	11/22/2016	09/01/2017
University of Toronto Scarborough	Specialist in Statistics	Department of Computer and Mathematical Science	B.Sc.	Change to admission requirements	The Department of Computer and Mathematical Science has added enrolment requirements to the Specialist in Statistics. This will ensure that all students have the necessary background and aptitude to be successful in the Specialist by requiring students to complete core first year courses in mathematics.	01/25/2016	04/01/2017
University of Toronto Scarborough	Minor in Natural Sciences and Environmental Management	Department of Physical and Environmental Sciences	N.A.	Creation of a freestanding minor	A new freestanding Minor Program in Natural Sciences and Environmental Management has been created. Students completing the Minor will gain a multidisciplinary education in the natural history of the Earth, human-environment systems, environmental management, and decision-analysis techniques, and also the requisite level of science literacy required to	01/25/2016	04/01/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
					enable them to meet this societal need and demand. The Minor will appeal to undergraduates who prefer to diversify their education by combining Majors and Minors from various disciplines and it will appeal to students from a broad range of disciplines.		
University of Toronto Scarborough	Major in Media Studies	Department of Arts, Culture and Media	H.B.A.	Creation of a new stream within an existing program. Renaming an existing program.	The Major Program in Media Studies has been restructured from an undifferentiated program to a program with 2 streams. One stream will contain the original curriculum and is named Media Studies. The new stream is named Journalism and will provide students with the opportunity to develop an understanding of the role of journalism, its relationship to new technologies, and to examine how cultures of information sharing are in the process of social change and the implications that flow from these changes. The two streams have a common core. The program itself has been renamed as the Major in Media, Journalism and Digital Cultures to reflect this change.	02/28/2017	04/01/2017
University of Toronto Scarborough	Minor in Health Humanities	Department of Anthropology	N.A.	Create a freestanding minor	The new Minor in Health Humanities will be offered through the Department of Anthropology and will complement the existing programs; BSc in Health Studies – Population Health and the BA in Health	02/28/2017	04/01/2017

Faculty	Program	Unit (if Applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
					Studies – Health Policy. It also responds to the 2016 External Review of the UTSC Health Studies Program. The Minor will support career opportunities in fields like health communication, community health, and art therapy, as well as enhancing training for basic health professions.		
University of Toronto Scarborough	Specialist in international Development Studies & Specialist (Co-operative) in International Development Studies	Centre for Critical Development Studies	B.Sc.	Change to program requirements resulting in a change to learning outcomes	The program requirements of the Specialist in International Development Studies and Specialist Co-op in International Development Studies have been changed in order to re-focus the programs' science components specifically on environmental biology, and also reorganize the course requirements to clarify how students should move through the programs. The learning outcomes have also been updated.	02/28/2017	04/01/2017



## Report on Minor Modifications 2016-17

*This list of minor modifications to programs is routinely provided to the shared-service offices to ensure they remain abreast of minor changes that affect for-credit academic programs.*

Faculty	Program(s)	Unit (if applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
Faculty of Applied Science & Engineering	Biomaterials and Biomedical Engineering; Chemical Engineering & Applied Chemistry; Civil Engineering; Materials Science & Engineering; Mechanical & Industrial Engineering	Biomaterials and Biomedical Engineering; Chemical Engineering & Applied Chemistry; Civil Engineering; Materials Science & Engineering; Mechanical & Industrial Engineering	M.Eng.	New Graduate Emphasis	The new emphasis in Forensic Engineering is available to M.Eng students in the listed programs. The emphasis in Forensic Engineering will allow students to develop their forensic engineering expertise around particular sub-fields of interest in forensic engineering practice.	04/10/2017	09/01/2017
Faculty of Applied Science & Engineering	Aerospace Engineering	Institute for Aerospace Studies – Aerospace Science and Engineering	M.Eng; MASc; PhD	New Graduate Emphasis	The creation of a new Emphasis in Aerial Robotics in conjunction with the CREATE program in Aerial Robotics and the Centre for Aerial Robotics Research and Education is supported by the Dean's Strategic Fund. The goal of the emphasis is to recognize specialized work by graduate students in fields related to aerial robots, otherwise known as UAVs or drones.	10/13/2016	09/01/2017

Faculty of Arts & Science	Collaborative Specialization in Asia Pacific Studies	N.A.		Renaming a Collaborative Specialization	The name change to Contemporary East and Southeast Asian Studies better reflects the program's content and is more descriptively accurate than the previous name. The latter reflects a tradition of the study of regionalism and international relations within the region, which is less the focus of the specialization than an interdisciplinary focus on themes and important contemporary issues in East and Southeast Asia.	02/03/2017	09/01/2017
Faculty of Arts & Science	Criminology; Combined Degree Program: Law, Juris	Centre for Criminology and Sociolegal Studies	M.A; PhD	Renaming an existing Program	Currently degree programs (MA & PhD) do not reflect the name of the Centre. Both the MA and PhD degree programs will be renamed to	03/02/2017	09/01/2017

Faculty	Program(s)	Unit (if applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
	Doctor / Criminology, Master of Arts				Criminology and Sociolegal Studies. The new title will more accurately reflect the varied scholarly interests and approaches of students. The name of the Combined Degree Program will also change to reflect the new name and be known as Combined Degree Program: Law, Juris Doctor / Criminology and Sociolegal Studies, Master of Arts.		
Lawrence S Bloomberg Faculty of Nursing	Nursing Science		MN	New Graduate Emphasis	Students in the Nurse Practitioner field of the MN program and the Post-Master Nurse Practitioner Diploma program can now complete an Emphasis in one of three areas: Adult; Paediatric; or Primary Health Care - Global Health. The emphases reflect 3 specializations of the Nurse Practitioner field that have always existed. Establishing them as emphases allows them to appear on the transcript.	03/28/2017	09/01/2017

Faculty	Program(s)	Unit (if applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YYYY)	Date Effective (MM/DD/YYYY)
University of Toronto Scarborough Campus	Critical Migration Studies (Arts)	Department of Sociology	N/A	Renaming of a Minor	Name change of the Minor Program in Migration and Ethnic Diversity (Arts) to the Minor Program in Critical Migration Studies (Arts).	02/28/2017	09/01/2017



April 19, 2017

Professor Sioban Nelson  
Vice-Provost, Academic Programs  
Simcoe Hall, Room 225  
27 King's College circle  
Toronto ON M5S 1A1

**Re: Unreported Major Modifications Approved by Arts & Science Council, February 2, 2015**

Dear Professor Nelson,

On behalf of the Faculty of Arts & Science Council I am writing to report (out of cycle) items of academic change approved by Arts & Science Council in 2014–2015 Governance cycle, specifically major modifications to undergraduate programs approved in the Council meeting of February 2, 2015. These include:

- Changes to the Specialist and Major programs of study in Caribbean Studies, a result of a curriculum renewal process
- Changes to the major program in Public Policy
- Changes the Environmental Geosciences major, including renaming it to become the Earth and Environmental Systems major
- Changes to Human Biology Programs, including Fundamental Genetics and its Applications (specialist and major, formerly the Genes, Genetics & Biotechnology programs); Health & Disease (specialist and major); Neuroscience (specialist and major); and the Human Biology major.

All changes were passed unanimously by Council.

During this time in early 2015, there was a clear breakdown in understanding around responsibility regarding providing administrative support for our Undergraduate Curriculum Committees, Arts & Science Council, and the reporting of curricular change.

The Faculty has discussed with the Office of the Vice-Provost, Academic Programs the process for the development and approval of major modifications under the University of Toronto Quality Assurance Process and the Faculty has put in place measures to ensure all appropriate steps of consultation, approval and reporting will be followed going forward. Such measures are supported now by a dedicated Director, Faculty Governance & Curriculum Services and a new Manager, Governance & Curriculum Services within the Office of the Faculty Registrar who work closely with me, the Office of the Dean, and the academic units of the Faculty.

Please do not hesitate to contact me if you have any further questions or concerns, and I or my colleagues will be happy to help or provide further information.

Sincerely,

A handwritten signature in blue ink, appearing to read "PKlassen". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Pamela Klassen  
Vice-Dean, Undergraduate & International