FOR INFORMATION	PUBLIC	OPEN SESSION

TO: Committee on Academic Policy and Programs

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DATE: April 23, 2019 for May 8, 2019

AGENDA ITEM: 8

ITEM IDENTIFICATION:

I.   Annual Report on Major Modifications, 2018-19
II.   Annual Report on Transcript Notations, 2018-19
III.   Report on Administrative Changes and Minor Modifications Affecting program Structure

JURISDICTIONAL INFORMATION:

The Councils of the academic divisions and the Academic Affairs Committees of the University of Toronto Mississauga (UTM) and University of Toronto Scarborough (UTSC) have delegated authority to approve major modifications to existing degree programs. As well, they have delegated authority to approve transcript notations within existing degree programs. 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 8, 2019)**

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 2018-19 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.

DOCUMENTATION PROVIDED:

- *Report on Major Modifications/ Report on Minor Modifications Affecting Program Structure*

Report on Major Modifications 2018-19

Division(s)	Program(s)	Academic Unit	Level	Type of Change	Description	Divisional Council Date M/D/YYYY	Effective Date M/D/YYYY
Dalla Lana School of Public Health	Public Health Sciences (Master of Public Health)	Graduate Department of Public Health Sciences	Graduate	Major Mod: Change mode of delivery	An advanced-standing option has been created in the Family and Community Medicine field of the Master of Public Health. It will allow applicants who have completed the public health curriculum at an accredited Canadian medical school and/or those meeting the required examinable competencies of the Medical Council of Canada to complete 5.0 full time course equivalents[1] (FCEs) rather then the required 10.0 FCEs of the degree program. These students will complete the degree program in three terms.	11/21/2018	9/1/2019
Dalla Lana School of Public Health	Health Policy, Management and Evaluation (Master of Science)	Institute of Health Policy, Management and Evaluation	Graduate	Major Mod: Add course based option	An option to complete the Health Services Research concentration of the MSc in Health Policy, Management and Evaluation degree program through coursework-only was created. Students will complete 5.0 FCEs rather than 3.0 FCEs and a thesis. The new coursework option responds to student interest in acquiring the competencies of the program through a breadth of coursework. The option to complete the area through coursework and a thesis will continue. The MSc already has two concentrations with both thesis and coursework options (Clinical Epidemiology & Health Care Research concentrations) and the new option follows the same requirement structure.	11/21/2018	9/1/2019

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[1] For all entries, FCE is used for full course equivalent.

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

Division(s)	Program(s)	Academic Unit	Level	Type of Change	Description	Divisional Council Date M/D/YYYY	Effective Date M/D/YYYY
Faculty of Applied Science and Engineering	Chemical Engineering (B.A.Sc.); Civil Engineering (B.A.Sc.), Computer Engineering (B.A.Sc.); Electrical Engineering (B.A.Sc.); Engineering Science (B.A.Sc.in Engineering Science); Industrial Engineering (B.A.Sc.), Materials Engineering (B.A.Sc.), Lassonde Mineral Engineering (B.A.Sc.); Mechanical Engineering (B.A.Sc.);	N.A.	Undergraduate	Major Mod: Add new freestanding minor	The new freestanding Minor in Artificial Intelligence (AI) Engineering will provide students in all of the Faculty's undergraduate degree programs expertise in machine learning (ML) and AI concepts. The minor will support students' career aspirations in these burgeoning fields and some students may also go on to pursue advanced research in ML/AI at the master's and the PhD levels. The minor supports the goal of meeting the demand for ML/AI engineering talent in the Ontario and the broader Canadian technology industries. Like all minors in the Faculty, this minor will consist of six half courses (3.0 FCE) with required and elective courses that are identified for students.	10/31/2018	1/1/2019
Faculty of Applied Science and Engineering	Aerospace Science and Engineering (PhD)	Institute for Aerospace Studies	Graduate	Major Mod: Change mode of delivery	A direct-entry option has been added to the existing PhD in Aerospace Science and Engineering degree program. The direct-entry option is a pathway that will allow exceptional students to enter the PhD from the bachelor's degree. These students will complete a portion of the master's program requirements as well as the PhD requirements. The purpose of this modification is to attract more high-quality students to the program through a pathway that several peer institutions offer.	2/27/2019	9/1/2019

Division(s)	Program(s)	Academic Unit	Level	Type of Change	Description	Divisional Council Date M/D/YYYY	Effective Date M/D/YYYY
Faculty of Applied Science and Engineering	Materials Science and Engineering (Doctor of Philosophy)	Department of Materials Science and Engineering	Graduate	Major Mod: Change mode of delivery	Direct-entry and flexible-time options have been added to the existing PhD in Materials Science and Engineering degree program. The direct-entry option is a pathway that will allow exceptional students to enter the PhD from the bachelor's degree. These students will complete a portion of the master's program requirements as well as the PhD requirements. The flexible-time option will provide a more flexible PhD pathway for practising professionals as it allows for part-time registration after year 4. Students in the flexible-time option complete the same program requirements as regular PhD students.	4/11/2019	9/1/2019
Faculty of Arts and Science; Joseph L. Rotman School of Management	Accounting (specialist, Bachelor of Commerce)		Undergraduate	Major Mod: Change program requirements; Major Mod: Change program learning outcomes; Major Mod: Closure of a field, option, concentration, stream	Changes to the three Rotman Commerce Specialist programs have been made to requirements and learning outcomes in response to the 2015 UTQAP external review. Students in all the programs will have more flexibility in the number of Rotman Commence and Faculty Arts of Science courses they can take. The Accounting Specialist program requirements have changed so students will take courses in organizational behaviour, operations management, and strategic management to ensure that students develop sufficient knowledge in each of the business subdisciplines. As a result of low enrolment, the existing Financial Reporting and Control stream within this Specialist has been approved to close after all students enroled in this stream have graduated and the Accounting Specialist	2/13/2019	3/1/2019

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					will be an undifferentiated Specialist with no streams.		
Faculty of Arts and Science; Joseph L. Rotman School of Management	Finance and Economics (specialist, Bachelor of Commerce)		Undergraduate	Major Mod: Change program requirements; Major Mod: Change program learning outcomes	Changes to the three Rotman Commerce Specialist programs have been made to requirements and learning outcomes in response to the 2015 UTQAP external review. Students in all the programs will have more flexibility in the number of Rotman Commence and Faculty Arts of Science courses they can take. The program requirements of the Finance and Economics Specialist have changed so that the 0.5 FCE upper-level international business requirement has been deleted and there has been an increase in the upper-level finance requirement from 1.0 FCE to 2.0 FCE to further strengthen students' expertise in finance. Students will also be required to take courses in the areas of Organizational Behaviour, Operations Management, and Strategic Management to ensure coverage of these areas.	2/13/2019	3/1/2019
Faculty of Arts and Science; Joseph L. Rotman School of Management	Management (specialist, Bachelor of Commerce)		Undergraduate	Major Mod:Change program requirements; Major Mod:Change program learning outcomes	Changes to the three Rotman Commerce Specialist programs have been made to requirements and learning outcomes in response to the 2015 UTQAP external review. Students in all the programs will have more flexibility in the number of Rotman Commence and Faculty Arts of Science courses they can take. The Management Specialist will now have an upper-level requirement of 2.5 FCE of courses in upper year courses of particular areas to encourage	2/13/2019	3/1/2019

Division(s)	Program(s)	Academic Unit	Level	Type of Change	Description	Divisional Council Date M/D/YYYY	Effective Date M/D/YYYY
					students to acquire depth of knowledge in one or more business subdisciplines.		
Faculty of Arts and Science	Sexual Diversity Studies (major, Honours Bachelor of Arts)	Mark S. Bonham Centre for Sexual Diversity Studies	Undergraduate	Major Mod: Change program requirements; Major Mod: Change program learning outcomes	The Specialist and Major in Sexual Diversity Studies (SDS) program requirements and learning outcomes changes arise from recommendations of the 2017 program review and to respond to shifts in the field. The changes ensure that SDS graduates will be conversant in the latest theoretical interventions in the fields of Sexuality, Queer Studies, Transnational Sexuality and Gender Studies, and Sexual Diaspora and Globalization Studies. The learning outcomes have changed to establish intersectionality as a core learning outcome across the SDS theory courses and upper-level electives within the field of SDS. A new 100-level course and upper-level courses have been created to reflect the new program themes and foci and the program requirements are now organized by these themes. Specialist students complete 10 FCEs.	2/13/2019	3/1/2019
Faculty of Arts and Science	Sexual Diversity Studies (specialist, Honours Bachelor of Arts)	Mark S. Bonham Centre for Sexual Diversity Studies	Undergraduate	Major Mod: Change program requirements; Major Mod: Change program learning outcomes	The Specialist and Major in Sexual Diversity Studies (SDS) program requirements and learning outcomes changes arise from recommendations of the 2017 program review and to respond to shifts in the field. The changes ensure that SDS graduates will be conversant in the latest theoretical interventions in the fields of Sexuality, Queer Studies, Transnational Sexuality and Gender Studies, and Sexual Diaspora and Globalization Studies. The learning outcomes	2/13/2019	3/1/2019

Division(s)	Program(s)	Academic Unit	Level	Type of Change	Description	Divisional Council Date M/D/YYYY	Effective Date M/D/YYYY
					have changed to establish intersectionality as a core learning outcome across the SDS theory courses and upper-level electives within the field of SDS. A new 100-level course and upper-level courses have been created to reflect the new program themes and foci and the program requirements are now organized by these themes. Major students complete 6.0 FCEs in the same structure as the Specialist, but with fewer FCE requirements.		
Faculty of Arts and Science	Statistics (specialist, Honours Bachelor of Science)	Department of Statistical Sciences (Faculty of Arts and Science)	Undergraduate	Major Mod: Change program requirement; Major Mod: Change program learning outcomes; Minor Mod: Rename program (major, specialist, minor, graduate)	The overall changes of the two Specialists and the Major in the area of Statistics include a greater focus on predictive modelling and data from a wide variety of sources. The learning outcomes for all three programs have also been revised under the themes of Theory, Methods, Computational Thinking, Professional Practice, and Problem Solving Skills in Context of Real Word Problems. The 3rd and 4th year program requirements for this Specialist have been re-organized to reflect the learning outcomes. To better reflect the changes, and provide more transparency to students, the program's name has changed to Specialist in Statistical Science: Theory and Methods. This program emphasizes probability and theory of statistical inference as underlying mathematical frameworks for statistical data analysis.	2/13/2019	3/1/2020

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Faculty of Arts and Science	Statistics (major, Honours Bachelor of Science)	Department of Statistical Sciences	Undergraduate	Major Mod: Change program requirement; Major Mod: Change program learning outcomes	The overall changes of the two Specialists and the Major in the area of Statistics include a greater focus on predictive modelling and data from a wide variety of sources. The learning outcomes for all three programs have also been revised under the themes of Theory, Methods, Computational Thinking, Professional Practice, and Problem Solving Skills in Context of Real Word Problems. As with the Specialist programs, the 3rd and 4th year program requirements have changed. Through this proposal program enrolment restrictions have also been added to the Major to better manage the increase in demand for this program.	2/13/2019	3/1/2020
Faculty of Arts and Science	Applied Statistics (specialist, Honours Bachelor of Science)	Department of Statistical Sciences	Undergraduate	Major Mod: Change program requirement; Major Mod: Change program learning outcomes; Minor Mod: Rename program (major, specialist, minor, graduate)	The overall changes of the two Specialists and the Major in the area of Statistics include a greater focus on predictive modelling and data from a wide variety of sources. The learning outcomes for all three programs have also been revised under the themes of Theory, Methods, Computational Thinking, Professional Practice, and Problem Solving Skills in Context of Real Word Problems. The 3rd and 4th year program requirements for this Specialist have been re-organized to reflect the learning outcomes. In order to better reflect these changes, the Specialist's name has changed to Specialist in Statistical Science: Methods and Practice. This program is different from the Specialist in Statistical Science: Theory and Methods in that it focuses more on collaborative statistical practice and getting students to develop an	2/13/2019	3/1/2020

Division(s)	Program(s)	Academic Unit	Level	Type of Change	Description	Divisional Council Date M/D/YYYY	Effective Date M/D/YYYY
					understanding of statistical science from the perspective of a researcher in another discipline.		
Faculty of Arts and Science	Collaborative Specialization in Astrophysics	N.A.	Graduate	Major Mod: Closure of a collaborative specialization	The Collaborative Specialization (CS) in Astrophysics has been approved to be closed due to low student interest. The CS was established in 1998 and students in master's programs in the Department of Physics and the Department of Astronomy & Astrophysics participated. After the creation of a PhD direct-entry option in one of the programs, fewer students pursued the MSc and enrolment was reduced substantially. Admissions to the CS were administratively suspended in 2014-15. There are no students currently enroled and the last student enroled in the specialization completed the requirements in 2013.	2/13/2019	9/1/2019
Faculty of Arts and Science	Collaborative Specialization in Optics	N.A.	Graduate	Major Mod: Closure of a collaborative specialization	The Collaborative Specialization (CS) in Optics has been approved to be closed due to low student interest. The CS was created in 2008. There have been no students enroled in the CS since 2013. There are no resource implications to the closure.	4/17/2019	9/1/2019
Faculty of Arts and Science	Applied Computing (Master of Science in Applied Computing)	Department of Computer Science	Graduate	Major Mod: Add new field, concentration, stream	A new concentration called Applied Mathematics has been created within the Master of Science in Applied Computing (MScAC). Currently students may take either the undifferentiated program requirements or complete the existing Data Science concentration, a joint offering between the Department of Computer Science and the Department of Statistical Sciences. The proposed concentration will be offered by the Departments of Mathematics and Computer Science.	3/20/2019	9/1/2019

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					It responds to the growth in complex data encountered by practitioners and researchers and an increasing demand for very specialized expertise lying at the interface of the computational and mathematical sciences.		
Faculty of Arts and Science	Chemistry (Master of Science)	Department of Chemistry	Graduate	Major Mod: Change mode of delivery	The program length of the Master of Science in Chemistry has been officially changed from six to three terms to more accurately reflect the length of time that it takes students to complete the program. There have been no changes to the program requirements or learning outcomes as the result of the change. This correction to the stated program length aligns the academic structure and goals of MSc students and ensures systems and publications accurately reflect the 1 year program length.	3/20/2019	9/1/2019
Faculty of Arts and Science	Drama (Master of Arts)	Centre for Drama, Theatre and Performance Studies	Graduate	Major Mod: Add thesis requirement; Major Mod: Change Program Requirements	The MA in Drama has added an option to complete the degree program through a coursework and thesis. The existing coursework-only option will continue to be offered. The thesis option will give students the opportunity to conduct in-depth research and writing in their area of interest and will appeal to those who may wish to continue to a PhD. As well, three new required courses (1.5 FCE) focusing on theoretical, methodological, historical and practical aspects of the discipline have replaced the one required course in the program. These	12/12/2018	9/1/2019

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Division(s)	Program(s)	Academic Unit	Level	Type of Change	Description	Divisional Council Date M/D/YYYY	Effective Date M/D/YYYY
					changes were made in response to the 2017-18 external review.		
Faculty of Arts and Science	Global Affairs (Master of Global Affairs)	Munk School of Global Affairs and Public Policy	Graduate	Major Mod: Add dual degree	A dual degree program has been created between the Faculty of Arts and Science's Master of Global Affairs and the Hertie School of Governance MA in International Affairs. 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. Dual degree students will begin the dual degree enroled at Hertie School of Governance in Germany. They will then proceed to the Master of Global Affairs at the University of Toronto.	4/17/2019	9/9/2020
Faculty of Arts and Science	History (Master of Arts)	Department of History	Graduate	Major Mod: Add new field, concentration, stream	A new field has been added to the MA in History called Contemporary International History. Its focus is applying historical research to contemporary policy analysis. Students in the field will develop an	11/21/2018	9/1/2019

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					understanding of the historical contexts of contemporary (typically, post-1945) global disputes and challenges. It will be of interest to those who wish to pursue careers in, for example, government, international organizations, and NGOs, as well as those who wish to pursue further academic study. The field requirements are similar to those of the existing fields in the MA. Students will complete a 0.5 FCE required course in the area, an existing core course for the program and 1.5 FCEs of existing elective courses.		
Faculty of Information	Information (Master of Information)		Graduate	Major Mod: Add new field, concentration, stream	The new concentration in the Master of Information called Human Centred Data Science will educate students to deliver data-driven technical solutions while, at the same time, facilitating ethical and responsible management of data. It provides a distinctive focus on the skills and knowledge needed to deal with complex, large-scale data sets and information systems and also provides expertise in user centred visualization, ethics and policy. As is the case for the existing concentrations, students will be able to complete the concentration through the options of coursework-only, co-op or thesis options.	22/11/2018	9/1/2019
Faculty of Information	Information (PhD)		Graduate	Major Mod: Add new field, concentration, stream	A new concentration called Media, Technology and Culture has been added to the PhD in Information. The concentration focuses on the material conditions that shape and are shaped by technology and culture. This new concentration responds to specific interests of potential graduate students in this area. The field requirements are similar to those of the	22/11/2018	9/1/2019

Division(s)	Program(s)	Academic Unit	Level	Type of Change	Description	Divisional Council Date M/D/YYYY	Effective Date M/D/YYYY
					existing fields in the PhD. Students will complete the existing 0.5 FCE required course, a research methods course, 1.0 FCE in the area of the concentration and 2.0 FCE of electives.		
John H. Daniels Faculty of Architecture, Landscape, and Design	Architecture (Master of Architecture), Landscape Architecture (Master of Landscape Architecture)		Graduate	Major Mod: Change mode of delivery	The mode of delivery of the one-year advanced-standing options within the Master of Architecture and Master of Landscape Architecture have changed so that they will be two terms (fall/winter) instead of three terms (summer/fall/winter). The summer start created barriers for students and switching the start date from summer to fall aligns with the Faculty's other programs fall start dates, which means students are better connected with students in other programs. Changes to the delivery of courses have been made so that students will be able to complete the offerings in two terms.	12/5/2018	5/1/2019
John H. Daniels Faculty of Architecture, Landscape, and Design	Architecture (Master of Architecture)		Graduate	Major Mod: Change mode of delivery; Major Mod: Change program requirements	The program length of the Master of Architecture 3.5-year option has been reduced to 3 years in order to align with the degree programs of peer institutions. The curriculum has also been revised to provide students with a stronger technical foundation in the first year of study while the second year is envisioned to more heavily focus on history and theory courses. The changes to curriculum has resulted in a reduction of course requirements from 17,5 to 16 FCEs.	4/17/2019	9/01/2020

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Joseph L. Rotman School of Management	Management (Master of Business Administration)		Graduate	Major Mod: Add dual degree	A dual degree program has been created between the U of T Global Executive Master of Business Administration and the Executive Master of Business Administration offered by Università Commerciale Luigi Bocconi. 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. 1-2 week modules are delivered around the globe over 18 months.	10/26/2018	9/1/2019
Joseph L. Rotman School of Management	Financial Risk Management (Master of Financial Risk Management)		Graduate	Major Mod: Change to Mode of Delivery	The program length of the Master of Financial Risk Management has been extended from eight to ten months and will now run from September to June. This will give students more time to absorb material, enhance their learning experience and allow students more time to gain familiarity with needed programming skills and have opportunities to engage in more job search activities. The timing of several requirements will be moved, for example the capstone project will now start in January rather than in November, so students will have full use of the 9 weeks allocated for the project. Requirements and learning outcomes are not changing.	3/5/2019	9/1/2020
Faculty of Medicine	Molecular Genetics (Master of Science)	Department of Molecular Genetics	Graduate	Major Mod: change to program requirements	The curriculum of the MSc and PhD has been redesigned to introduce two required core courses for all new MSc and PhD students that will provide foundational knowledge in molecular genetics and experimental approaches to first year students. In order	4/22/2019	9/1/2019

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					to accommodate the changes some requirements are being streamlined. For example the 0.25 FCE topic course requirement for MSc students will be eliminated. PhD students will now be required to give their final seminar in year 4, rather than by year 5 and the number of PhD post-qualification topics courses will be reduced from three to two.		
Faculty of Medicine	Occupational Therapy (Master of Science; Doctor of Philosophy)	Department of Occupational Therapy and Occupational Sciences	Graduate	Major Mod: change to program requirements	As a result of curriculum review and renewal process starting the Summer of 2017, the program requirements have changed and the total number of credits in the program has increased from 18.0 to 18.5 FCEs. In particular, redundancies in a number of areas in the curriculum were removed and changes made in areas where student learning could be better scaffolding in the curriculum in order to optimize critical thinking and skill development.	4/22/2019	9/1/2019
Ontario Institute for Studies in Education	Educational Leadership and Policy (Master of Education)	Department of Leadership, Higher and Adult Education	Graduate	Major Mod: Closure of a field, option, concentration, stream	The coursework plus thesis option has been removed from the Master of Education in Educational Leadership and Policy degree program. This change will allow for a clearer differentiation between the existing research-focused MA in Educational Leadership and Policy and the professional Master of Education. The degree program will continue to offer the coursework and Major Research Paper option and coursework-only option.	12/12/2018	9/1/2019
Ontario Institute for Studies in Education	Educational Leadership and Policy (Doctor of Education)	Department of Leadership, Higher and Adult Education	Graduate	Major Mod: Add new field, concentration, stream	A new field called International Educational Leadership and Policy has been added to the Doctor of Education in Educational Leadership and Policy. The field will be of interest to mid-career professionals working within international	4/24/2019	9/1/2020

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					organizations, governments, foundations and nongovernmental organizations who seek to expand their expertise in international education leadership, development and policy settings. The field requirements are similar to the existing offering. The field will be made up of existing courses plus one new course. It will be offered using a blended delivery format in alternating years.		
Ontario Institute for Studies in Education	Language and Literacies Education (Master of Education)	Department of Curriculum, Teaching and Learning	Graduate	Major Mod: Add new field, concentration, stream	A new field called Language Teaching has been added to the Master of Education in Language and Literacies Education. It will provide students a structured curriculum on language-teaching practice using existing courses and an existing practicum course. The field will support graduates' existing careers as language teachers. Students may only take the field through full-time registration.	4/24/2019	9/1/2020
Ontario Institute for Studies in Education; University of Toronto Scarborough	28 undergraduate programs / Teaching (Master of Teaching)	Department of Anthropology; Department of Arts, Culture and Media; Department of Biological Sciences; Department of English; Department of Historical and Cultural Studies; Department of Human Geography; Department of Physical and	Undergraduate / Graduate	Major Mod: Add new combined program	The University of Toronto Scarborough (UTSC) and the Ontario Institute for Studies in Education (OISE) have approved the creation of 28 Combined Degree Programs between 28 UTSC undergraduate programs leading to the HBA & HBSc, and the OISE Master of Teaching. A Combined Degree Program (CDP) is a pathway that allows a student to be registered in two approved degree programs at the same time and complete the requirements of both in a manner that provides a benefit to the student. The new pathways will allow students to gain early conditional graduate admission to OISE's Master of Teaching program, which is a full-time professional program of	UTSC: 1/15/2019 OISE: 12/12/2018	9/1/2020

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		Environmental Sciences; Department of Sociology (UTSC); Department of Curriculum Teaching and Learning (OISE)			education that leads to a Master's degree and eligibility to become a certified teacher in Ontario.		
Toronto School of Theology	Master of Theology (conjoint)	Regis College, Emmanuel College, St. Michael's College, University of Trinity College	Undergraduate	Major Mod: Add new field, concentration, stream	A new stream called Theology, Spirituality and the Arts has been added to the Master of Theology conjoint degree program. The focus of the stream will be on providing historical context for understanding how theology and the arts are significant for worship and theology teaching. The stream is grounded in the area broadly known as theological aesthetics which has become an increasing focus of theological education.	4/28/2019	9/1/2019
University of Toronto Mississauga	Specialist in Earth Science	Department of Chemical & Physical Sciences	Undergraduate	Major Mod: Change program requirements; Major Mod: Change program learning outcomes	The program requirements and learning outcomes of the Specialist in Earth Sciences have been modified to provide common foundational skills in Earth Science to students. The modifications are in response to the recommendations from the 2017 UTQAP external review and also the increased demand for geoscientists trained in environmental issues, and environmental scientists trained in Earth Science. The changes will also allow interested students to meet the certification requirements of the Association of Professional Geologists of Ontario (APGO). As a result of the changes, requirements for the Specialist have increased from 11.0 to 14.0 FCEs.	3/28/2019	9/1/2019

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University of Toronto Mississauga	N.A.	Department of English and Drama	Undergraduate	Major Mod: Add new freestanding minor	The freestanding Minor in Creative Writing will allow students to focus on either the literary or dramatic arts, or to integrate their work in both these areas of creative expression. The Minor was designed in response to a recommendation that came out of the Department's 2015 UTQAP external review. It is also a response to the significant demand for more diverse creative writing instruction from UTM students. Students will enter the program in their second year or higher and will be required to complete 4.0 credits. The two required courses at the 200-level will provide the requisite preparation for the small workshop environment in the advanced level courses as well as provide a foundation in the basics of print and new media publishing.	1/15/2019	9/1/2019
University of Toronto Mississauga	N.A.	Department of Geography	Undergraduate	Major Mod: Add new freestanding minor	The new freestanding Minor in Environmental Law and Policy will provide students a solid footing in the environmental issues, ethical principles, practices, and case studies relevant to legal, political, and social applications, both in Canada and internationally. The Minor program's interdisciplinary scope will appeal to students from a variety of disciplinary backgrounds and respond to a longstanding interest in environmental law and policy. The areas of interest specifically targeted are environmental law and environmental policy. Many UTM grads go on to graduate programs and professions in environmental law and policy related fields, and this Minor program will provide them with a competitive edge in these areas.	1/15/2019	9/1/2019

Division(s)	Program(s)	Academic Unit	Level	Type of Change	Description	Divisional Council Date M/D/YYYY	Effective Date M/D/YYYY
University of Toronto Mississauga	N.A.	Department of Geography	Undergraduate	Major Mod: Add new freestanding minor	The new freestanding Minor program in Sustainability will provide students an opportunity to explore the theory and practice of sustainability and sustainable development. Students will have opportunities for practical application of sustainability theory, through both experiential and classroom-based course offerings. Course requirements will include core elements from the Environment curriculum. It will draw from other UTM disciplines and departments, including Political Science and Sociology and will appeal to students from a wide variety of programs. The program will support an early introduction to the area of sustainability for undergraduate students, which could in turn lead to students pursuing possible careers in the area or graduate work.	1/15/2019	9/1/2019
University of Toronto Scarborough	Computer Science (specialist – co-operative, Honours Bachelor of Science); Computer Science (specialist, Honours Bachelor of Science)	Department of Computer and Mathematical Sciences	Undergraduate	Major Mod: Closure of a field, option, concentration, stream	The Health Informatics streams in the Specialist and Specialist Co-operative in Computer Science (HBSc) will close. Admissions to the streams were administratively suspended for 2019-20. The Health Informatics stream was intended to expose students to subjects that would be useful for a career as a computer scientist in the health sector, including more training in statistics and some aspects of business management, biomedical ethics, and health policy. There has been consistently low student interest in the stream. One student has graduated from the streams in the past five years, and there is only 1 student, who is in the final year of study, currently enroled. Following a review of available	1/15/2019	9/1/2019

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					resources, as well as its academic priorities, the Department has decided to close the streams. The Specialists' remaining four streams will continue to be offered.		
University of Toronto Scarborough	Environmental Chemistry (specialist – co-operative, Honours Bachelor of Science); Environmental Chemistry (specialist, Honours Bachelor of Science)	Department of Physical and Environmental Sciences (University of Toronto Scarborough)	Undergraduate	Major Mod: Change to admission requirements; Major Mod: Change program requirements	The admission and program requirements of the Specialist and Specialist Co-operative in Environmental Chemistry (BSc) have changed in order to meet the requirements for accreditation from the Canadian Society for Chemistry and to ensure students have the preparation they need to achieve program and course learning outcomes. The curriculum now has additional chemistry content to satisfy the requirements for accreditation and the Canadian Society for Chemistry Accreditation Committee. The proposed changes will not change the existing learning outcomes for the programs. Admission requirements have changed through the addition of a 2.0 CGPA enrolment requirement in order to ensure students have the preparation they need to achieve the course and program learning outcomes.	1/15/2019	9/1/2019
University of Toronto Scarborough	Arts and Media Management (major, Honours Bachelor of Arts)	Department of Arts, Culture and Media	Undergraduate	Major Mod: Add new specialist, major, where one exists	The creation of the Major in Arts and Media Management adds a Major option to the existing Specialist in Arts Management. The existing Specialist program in Arts Management (15.0 credits) is intended for students with an interest in combining creative practice with the business of the arts. The new Major (8.0 credits) will concentrate on exploring arts, media and cultural management, as well as a	3/27/2019	9/1/2019

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					fluid ecosystem within which creative professionals move easily from the arts to media and creative enterprises more generally. By concentrating on critical thinking and analysis about this broad field of study, as well as being exposed to fundamentals of arts, media and cultural management, students are enabled to select complementary programs across the visual and performing arts, media studies and other areas of interest.		
University of Toronto Scarborough	Environmental Biology (specialist & specialist coop, Honours Bachelor of Science), Environmental Chemistry (specialist & specialist coop, Honours Bachelor of Science), Environmental Geoscience (specialist & specialist coop, Honours Bachelor of Science), Environmental Physics (specialist & specialist coop, Honours Bachelor of Science), Conservation and Biodiversity (specialist, Honours Bachelor of Science), Integrative Biology (specialist, Honours Bachelor of Science), Environment Science (Master of Environmental Science)	Department of Physical and Environmental Sciences; Department of Biological Sciences; Graduate Department of Physical and Environmental Sciences	Undergraduate / Graduate	Major Mod: Add new combined program	Ten Combined Degree Programs (CDPs) have been created between 10 undergraduate programs at the University of Toronto Scarborough and the Master of Environmental Science. A Combined Degree Program is a pathway that allows a student to be registered in two approved degree programs at the same time and complete the requirements of both in a manner that provides a benefit to the student. The new pathway will allow students to gain early conditional admission to the MEnvSc and allow students to complete up to 1.0 FCE in graduate courses in Year 4 of their undergraduate studies. The 1.0 FCE in graduate courses will be counted towards the completion requirements of both the HBSc degree and the MEnvSci program and degree.	3/27/2019	9/1/2020

Division(s)	Program(s)	Academic Unit	Level	Type of Change	Description	Divisional Council Date M/D/YYYY	Effective Date M/D/YYYY
University of Toronto Scarborough	N/A	Department of Philosophy	Undergraduate	Major Mod: Add new freestanding minor	The new freestanding Minor in Biomedical Ethics focuses on the ethical issues that emerge in the context of medical decision making, health-care policy, and biotechnological developments. The Department offers a number of courses in the area with high student enrolment, which reflects substantial student demand. The new minor will provide students with an avenue to gain proficiency in this growing field, which, by its interdisciplinary nature, will complement their main area of study. For example, the new Minor will harmonize well with other programs of study such as the Mental Health Studies program offered by the Department of Psychology.	3/27/2019	9/1/2019

Report on Minor Modifications 2018-19

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 Arts & Science	Classics	Department of Classics	M.A. Ph.D.	Renaming a Field	Renaming of M.A. and Ph.D. Field from "Greek and Roman History" to "Greek and Roman History and Material Culture" to better reflect the area of study.	11/01/2018	09/01/2019
Faculty of Arts & Science	Classics	Department of Classics	M.A. Ph.D.	Renaming a Field	Renaming of M.A. and Ph.D. Field from "Greek and Roman Philosophy" to "Ancient Philosophy" to better reflect the area of study.	11/01/2018	09/01/2019
Faculty of Arts & Science	German Literature, Culture and Theory	Department of Germanic Languages and Literatures	Ph.D.	Renaming a Graduate Program	Renaming of Ph.D. Program from "German Literature, Culture, and Theory" to "Germanic Literature, Culture and Theory" to acknowledge the wider scope of the discipline of Germanic Studies.	11/01/2018	09/01/2019
Faculty of Arts & Science	German Literature, Culture and Theory	Department of Germanic Languages and Literatures	Ph.D.	Renaming a Field	Renaming of Ph.D. Field from "German Literature, Culture and Theory" to "Germanic Literature, Culture and Theory" to reflect the wider scope of the discipline of Germanic Studies and the renaming of the Ph.D. program.	04/25/2019	09/01/2019

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 Arts & Science	History of Art	Department of Art History	M.A. Ph.D.	Renaming a Graduate Program	Renaming the M.A. and Ph.D. programs in the History of Art to "Art History" to align with the change in name of the Department to the Department of Art History and the Graduate Department of Art History.	02/01/2019	09/01/2019
Faculty of Arts and Science; Joseph L. Rotman School of Management	Management Specialist, Rotman Commerce		B.Com.	Create New Undergraduate Focus	Creating a new Focus for Management Specialists in "Financial Statement Analysis".	04/17/2019	09/01/2019
Faculty of Arts and Science; Joseph L. Rotman School of Management	Management Specialist, Rotman Commerce		B.Com.	Create New Undergraduate Focus	Creating a new Focus for Management Specialists in "International Business".	04/17/2019	09/01/2019
Dalla Lana School of Public Health	Health Policy, Management & Evaluation	Institute of Health Policy, Management & Evaluation	M.Sc. Ph.D.	Create New Graduate Emphasis	Creating a new graduate emphasis in "Health Economics" for the M.Sc. and Ph.D. in Health Policy, Management and Evaluation, Health Services Research concentrations.	11/05/2018	01/01/2019
Dalla Lana School of Public Health	Health Policy, Management & Evaluation	Institute of Health Policy, Management & Evaluation	M.Sc. Ph.D.	Create New Graduate Emphasis	Creating a new graduate emphasis in "Health Informatics Research" for the M.Sc. and Ph.D. in Health Policy, Management and Evaluation, Health Services Research concentrations.	11/05/2018	01/01/2019
Dalla Lana School of Public Health	Health Policy, Management & Evaluation	Institute of Health Policy, Management & Evaluation	M.Sc. Ph.D.	Create New Graduate Emphasis	Creating a new graduate emphasis in "Health Policy" for the M.Sc. and Ph.D. in Health Policy, Management and Evaluation, Health Services Research concentration.	11/05/2018	01/01/2019

Faculty	Program(s)	Unit (if applicable)	Degree Designation	Type of Modification	Brief Description of Modification	Date of Institutional Approval (MM/DD/YY YY)	Date Effective (MM/DD/YYYY)
Dalla Lana School of Public Health	Health Policy, Management & Evaluation	Institute of Health Policy, Management & Evaluation	M.Sc. Ph.D.	Create New Graduate Emphasis	Creating a new graduate emphasis in "Health Services Outcomes and Evaluation" for the M.Sc. and Ph.D. in Health Policy, Management and Evaluation, Health Services Research concentration.	11/05/2018	01/01/2019
Dalla Lana School of Public Health	Health Policy, Management & Evaluation	Institute of Health Policy, Management & Evaluation	M.Sc. Ph.D.	Create New Graduate Emphasis	Creating a new graduate emphasis in "Health Technology Assessment" for the M.Sc. and Ph.D. in Health Policy, Management and Evaluation, Health Services Research concentration.	11/05/2018	01/01/2019
Dalla Lana School of Public Health	Public Health Sciences	Graduate Department of Public Health Sciences	M.P.H.	Create New Graduate Emphasis	Creating a new graduate emphasis in "Occupational Hygiene" for the M.P.H. in the Occupational and Environmental Health field.	03/18/2019	09/01/2019
Dalla Lana School of Public Health	Public Health Sciences	Graduate Department of Public Health Sciences	M.P.H.	Create New Graduate Emphasis	Creating a new graduate emphasis in "Environmental Public Health" for the M.P.H. in the Occupational and Environmental Health field.	03/18/2019	09/01/2019
Dalla Lana School of Public Health	Public Health Sciences	Graduate Department of Public Health Sciences	M.Sc. Ph.D.	Create New Graduate Emphasis	Creating a new graduate emphasis in "Artificial Intelligence and Data Science" for the M.Sc in Public Health Sciences' Biostatistics field and the Ph.D. in Public Health Sciences' Epidemiology field.	03/18/2019	09/01/2019

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)
Dalla Lana School of Public Health	Health Policy, Management & Evaluation,	Institute of Health Policy, Management & Evaluation	M.Sc. Ph.D.	Create New Graduate Emphasis	Creating a new graduate emphasis in "Health Services Organization and Management Studies" for the M.Sc. and Ph.D. in Health Policy, Management and Evaluation Health Services Research concentrations of both programs.	11/05/2018	01/01/2019
Dalla Lana School of Public Health	Public Health Sciences, Community Health	Graduate Department of Public Health Sciences	M.P.H. M.Sc.C.H. M.Sc.	Closure of a Graduate Emphasis	Closure of graduate emphasis in "Global Public Health" due to the creation of the master's level of the existing Collaborative Specialization in Global Health which is now available to students in the M.P.H., M. Sc.C.H., M.Sc. degree programs.	03/18/2019	09/01/2019
Ontario Institute for Studies in Education	Curriculum Studies and Teacher Development	Department of Curriculum, Teaching and Learning	M.Ed M.A. Ph.D.	Create New Graduate Emphasis	Creating a new graduate emphasis in "Wellbeing" in the Curriculum Studies and Teacher Development program for M.A., M.Ed., and Ph.D.	11/23/2018	09/01/2019
Ontario Institute for Studies in Education	Curriculum Studies and Teacher Development	Department of Curriculum, Teaching and Learning	M.Ed M.A. Ph.D.	Renaming a Graduate Program	Renaming of the Master of Education, Master of Arts and Doctor of Philosophy programs "Curriculum Studies and Teacher Development" to "Curriculum and Pedagogy" to more accurately reflect content and current faculty areas of expertise.	03/01/2019	09/01/2019