Report on Major Modifications 2019-20

Division	Program(s)	Academic Unit	Level	Type of Change	Description	Divisional Council Date (MM/DD/YYYY)	Effective Date (MM/DD/YYYY)
Faculty of Applied Science and Engineering	Cities Engineering and Management (Master of Engineering in Cities Engineering and Management)	Department of Civil Engineering	Graduate	Major Mod: change mode of delivery; change program requirements	The Master of Engineering in Cities Engineering and Management (M.Eng.C.E.M.) course requirements have been reduced from 6.0 full-course equivalents (FCEs) to 5.0 FCEs following a curriculum review that identified an overlap in course academic content. As well, the three themes that identified required and elective courses were found to confuse students, so they have been removed. Students will now take four identified core courses; three infrastructure engineering electives in one of eight specialization areas; and one technology management elective. As a result of streamlining requirements, the program length has been reduced from four to three sessions. The shorter	4/29/2020	9/1/2020

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					program length will help support international student recruitment, and aligns with the department's Master of Engineering in Civil Engineering degree program's length.		
Dalla Lana School of Public Health. Factor-Inwentash Faculty of Social Work.	Health Administration (Master of Health Science). Social Work (Master of Social Work).	Institute for Health Policy, Management and Evaluation. Dalla Lana School of Public Health.		Major Mod: Closure of combined degree program	The combined degree program (CDP) between the Master of Health Science (M.H.Sc.) in Health Administration and the Master of Social Work (M.S.W.) has been approved to close. Enrolment in this pathway has declined over time and very few students applied to the CDP in the past few years. As well, academic content provided through the MHSc in the area of health administration knowledge and competencies has been added to the M.S.W. Admissions to the CDP were administratively suspended as of October 2018. There is currently one student in the CDP who is expected to complete the program by the effective date of closure.	Dalla Lana School of Public Health: 6/3/2019. Factor-Inwentash Faculty of Social Work: 4/23/2019.	8/31/2022

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Faculty of Arts and Science	Actuarial Science (Specialist, Honours Bachelor of Science)	Department of Statistical Sciences	Undergraduate	Major Mod: Add co-op, internship, practicum	A required work-integrated learning (WIL) component has been added to the Actuarial Science Specialist to further develop the professional experience and workplace readiness of students. The change is the result of a three-year exercise to revamp the undergraduate curriculum in Actuarial Science, and follows other major modifications to the Specialist and Major approved in 2017-18. The WIL component consists of professional skills training and a 12-week work term. The professional development course includes a speaker series, networking, skills development and one-on-one counselling with a faculty advisor. Following this training, students will complete the work term in their third or fourth year.	2/12/2020	3/1/2020

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Faculty of Arts and Science	Political Science (Specialist, Major and Minor, Honours Bachelor of Arts)	Department of Political Science	Undergraduate	Major Mod: Change admission requirements; change program requirements; change program learning outcomes. Minor Mod: Change admission requirements; change program requirements.	Changes to the Specialist and Major in Political Science are the result of a two-year curriculum review process following up on recommendations from the program's 2016 external review. The changes restructure requirements at the 100 and 200 levels to: allow more flexibility for students and provide more elective space in the second year and higher years. To support this, 100- and 200-level courses have become half-year offerings in order to align with the structure of courses in related disciplines. These changes impact the courses students take in order to be admitted to the Major and Specialists. Additionally, Majors and Specialists will now be required to complete 1.0 full-course equivalent (FCE) in diversity- and identity-related topics. This will signal to students the importance of identity in the conduct	2/12/2020	3/1/2020

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					of politics at national and global levels. The program learning outcomes have been revised to address the new diversity and identity requirement. As part of the proposal, there has been a minor modification to the admission and program requirements of the Minor in Political Science (4.0 FCEs) that reflect the changes to the 100- and 200-level courses described above.		
Faculty of Arts and Science	Collaborative Specialization in Ancient Greek and Roman History (Doctoral Level)		Graduate	Major Mod: Closure of collaborative specialization	The Collaborative Specialization (CS) in Ancient Greek and Roman History (ColPAH) was created as a joint doctoral-level offering between the Department of Classics at the University of Toronto and the Department of History at York University in 2004. Declining enrolment; changes in faculty in the departments; and program changes, including the creation of a field in ancient history in the U of T Classics graduate program, led to both	2/12/2020	9/1/2020

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					universities agreeing to close the ColPAH. Admissions were suspended in 2016. Currently there are five students registered in the ColPAH. Three have completed the CS requirements and are projected to graduate this year. The remaining two students will be given the opportunity to complete the requirements by agreement of both departments.		
Faculty of Arts and Science	Collaborative Specialization in Earth Sciences and Physics (Master's and Doctoral Level)		Graduate	Major Mod: Closure of a collaborative specialization	The Collaborative Specialization (CS) in Earth Sciences and Physics was created in 2002 with the objective of providing graduate training in geophysics. Originally demand for the specialization was steady — although enrolment numbers were generally small — but interest in the offering declined. Currently there are no enrolled students. Other opportunities for collaboration between students and faculty who are interested in this area continue to exist in the programs of the	11/20/2019	9/1/2020

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					Department of Earth Sciences and the Department of Physics. Given these factors, the CS has been approved to close.		
Faculty of Arts and Science	Applied Computing (Master of Science in Applied Computing)	Department of Computer Science.

Department of Physics. | Graduate | Major Mod: Add new field, concentration, stream | A new concentration, Quantum Computing, will be offered jointly by the Department of Computer Science and the Department of Physics. The concentration integrates the strengths and expertise of the two disciplines of computer science and physics to train students in the areas of quantum physics, quantum information theory and optimization theory, as well as data management, computation and analysis. Like with the existing concentrations in the Master of Science in Applied Computing (M.Sc.A.C.), students will take 1.0 full-course equivalent (FCE) in the non-Computer Science discipline, in this case Physics; 1.0 FCE in computer science courses; and 1.0 FCE in technical communication and entrepreneurship | 12/11/2019 | 9/1/2020 |

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					courses. All students in the M.Sc.A.C. complete an eight-month internship in their area of interest.		
Faculty of Arts and Science	Economics (Doctor of Philosophy)	Department of Economics	Graduate	Major Mod: Change mode of delivery; change program requirements	A direct-entry, five-year option has been added to the Doctor of Philosophy (Ph.D.) in Economics. It allows applicants with particularly strong background preparation to be admitted to the Ph.D. from an appropriate bachelor's degree. As well, the course requirements for the regular-entry PhD have been reduced from 6.0 to 4.0 full-course equivalents (FCEs) in order to streamline the program. Doctoral students in both the direct- and regular-entry programs will complete the same core course and exam requirements in Year 1 (3.0 FCEs). In Year 2, direct-entry students will complete 3.0 elective FCEs in their fields of specialization, while regular-entry students will complete at least 1.0 FCE.	11/20/2019	9/1/2020

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Faculty of Arts and Science	Cell and Systems Biology (Master of Science)	Department of Cell and Systems Biology	Graduate	Major Mod: Change mode of delivery	The program length of the Master of Science (M.Sc.) in Cell and Systems Biology has been changed from six sessions to four sessions to more accurately reflect the length of time it takes for most students to complete the program. There have been no changes to the program requirements or learning outcomes as a result of this change. This correction to the stated program length ensures that systems and publications accurately reflect the program length. Students are supported to complete the program in this period of time through established timelines for completing coursework and developing a thesis plan.	4/15/2020	9/1/2020
Faculty of Arts and Science	Philosophy (Master of Arts)	Department of Philosophy	Graduate	Major Mod: Add new field, concentration, stream	A concentration, Philosophy of Science, has been created in the Master of Arts (M.A.) in Philosophy. Students will now take either the program requirements for the degree program, which remain	4/15/2020	9/1/2021

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					unchanged, or the requirements for the concentration. The concentration builds on existing faculty expertise in the areas of general philosophy of science and philosophy of particular sciences. It is intended primarily for those with a strong academic background in philosophy, with interest in the area, or for those with a strong background in the natural or social sciences who wish to pursue a master's in Philosophy. All students in the undifferentiated program and concentration complete 3.5 full-course equivalents (FCEs). Students in the concentration will take a new required Philosophy of Science course (0.5 FCE) and 1.0 (FCE) in courses from a pre-selected list of courses offered by the Institute of History and Philosophy of Science and Technology. The remaining 1.5 FCEs will be		

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					taken from existing courses in the Department of Philosophy.		
Faculty of Arts and Science	Psychology (Doctor of Philosophy)	Department of Psychology	Graduate	Major Mod: Change mode of delivery; change program requirements	A new direct-entry, five-year option has been added to the existing Doctor of Philosophy (Ph.D.) in Psychology degree program. It allows highly qualified students to be admitted to the Ph.D. from an appropriate bachelor's degree. This will align the program with the offerings of many other top Psychology programs in North America. Students admitted to the direct-entry option will complete the regular Ph.D. program requirements, as well as additional coursework and a foundational research project to be completed in the first two years of the program. The major modification also adds new course modules to the Ph.D. program that will be applied to both options, as well as minor changes to existing courses.	2/12/2020	9/1/2020

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Faculty of Information. University of Toronto Mississauga (UTM).	Communication, Culture, Information, and Technology (Specialist, Honours Bachelor of Arts). Digital Enterprise Management (Specialist, Honours Bachelor of Arts). Interactive Digital Media (Specialist, Honours Bachelor of Arts). Information (Master of Information).	Institute of Communication, Culture, Information and Technology (UTM)	Undergraduate; Graduate	Major Mod: Closure of combined degree program	In 2014, three combined degree programs (CDPs) were created to provide an articulated pathway for eligible students in one of the three Specialist programs offered by the Institute of Communication, Culture, Information and Technology (ICCIT), University of Mississauga (UTM) to gain early admission to the Master of Information (M.I.) program offered by the Faculty of Information. All three CDPs have struggled to attract qualified students and only one student has completed one of the three CDPs. The 2017 ICCIT review report indicated a lack of clarity in the CDP objectives and recommended they be closed. In response, UTM and the Faculty of Information agreed to administratively suspend admissions to the CDPs in April 2019, and work toward closing the programs. There are currently no students in any of the three CDPs.	University of Toronto Mississauga: 10/28/2019. Faculty of Information: 2/6/2020.	9/1/2020

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Faculty of Law	Law (Juris Doctor). Laws (Master of Laws).		Undergraduate; Graduate	Major Mod: Add dual degree	The following four dual degree programs have been created between the University of Toronto and Tsinghua University, China: • Juris Doctor (University of Toronto) / Master of Laws (Tsinghua University); • Bachelor of Laws (Tsinghua University) / Master of Laws (University of Toronto); • Master of Laws (University of Toronto) / Master of Laws (Tsinghua University); • Master of Laws (University of Toronto) / Juris Master (Tsinghua University). 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.	11/13/2019	9/1/2020
John H. Daniels Faculty of	Architecture (Master of Architecture), John H. Daniels Faculty of		Graduate	Major Mod: Change program	In 2018-19, the Master of Architecture (M.Arch.) program length was changed from 3.5 to 3 years and program	10/31/2019	9/1/2020

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Architecture, Landscape, and Design	Architecture, Landscape, and Design			requirements; change mode of delivery	requirements were reduced, effective September 2020. This major modification is intended to align the 2.5-year advanced-standing option of the M.Arch. with the earlier approved change. The advanced-standing option is reduced from 2.5 years to 2 years and the program requirements have been reduced from 12.5 to 10.5 full-course equivalents (FCEs). In line with the 2018-19 major modification, the advanced-standing curriculum has also been revised. Courses in Year 1 will focus on history and theory, along with building science. The elective space has been reduced by 0.5 FCE.		
Joseph L. Rotman School of Management	Management Analytics (Master of Management Analytics)		Graduate	Major Mod: Change mode of delivery	The program length of the Master of Management Analytics (M.M.A.) has changed from two sessions to three sessions. Students will start at the end of August and complete the program in June each year. Previously the program	3/11/2020	9/1/2021

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					increased from 6.0 full-course equivalents (FCEs) to 6.5 FCEs, and this has been challenging for students to complete in two sessions. The longer program length will allow students to have more time to absorb material; participate more actively in co-curricular activities; and have more time to gain familiarity with needed programming skills. It also allows the program to increase the amount of time students spend on the practicum project, which is a key component of the degree program. Requirements and learning outcomes are not changing.		
Joseph L. Rotman School of Management	Management (Master of Business Administration)		Graduate	Major Mod: Change program requirements	Program requirement changes have been made to the Extended Full-Time option of the Master of Business Administration (M.B.A.) to align the option's requirements with changes made to the M.B.A. through a major modification approved in 2018. Program requirements have changed to	5/8/2019	9/1/2020

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					reduce emphasis on common required courses and increase the elective space so that students may customize their education and be better prepared for future business leadership roles. The changes better serve the increasingly diverse student body and support the career goals of students.		
Lawrence S. Bloomberg Faculty of Nursing	Nursing Science (Doctor of Philosophy)		Graduate	Major Mod: Closure of a field, option, concentration, stream; change program requirements	All three existing fields in the Doctor of Philosophy (Ph.D.) in Nursing Science — Critical Approaches to Health and Health Care; Effective Care and Health Outcomes; and Nursing Health Systems — will close. The fields no longer adequately reflect faculty's research focus and have less meaning for students pursuing the Ph.D. As part of the proposal, program requirements have changed so that the former 1.0 full-course equivalent (FCE) in core courses of each field are no longer required but remain possible elective	2/12/2020	9/1/2020

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					courses for all Ph.D. students. A new 1.0 FCE course in research methods will now be required for all Ph.D. students in order to support students who are admitted from a variety of research and professional master's programs.		
Faculty of Kinesiology and Physical Education (KPE). Ontario Institute for Studies in Education (OISE).	Physical Education and Health (Bachelor of Physical and Health Education). Teaching (Master of Teaching).	Department of Curriculum, Teaching and Learning (OISE)	Undergraduate; Graduate	Major Mod: Closure of a combined degree program	In 2016, two combined degree programs (CDPs) were created to allow students in either the Bachelor of Kinesiology (B.Kin.) or Bachelor of Physical and Health Education (B.P.H.E.) program, offered by the Faculty of Kinesiology and Physical Education (K.P.E.), to gain early admission to the Master of Teaching (M.T.) program at the Ontario Institute of Studies in Education. The B.P.H.E./M.T. CDP is closing as a result of the closure of the BPHE degree program, through a separate proposal. There are no students currently in the CDP. The B.Kin./M.T. CDP will	Faculty of Kinesiology and Physical Education: 1/17/2020. Ontario Institute for Studies in Education: 2/15/2020.	8/31/2025

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					continue to be offered for eligible students.		
University of Toronto Scarborough (UTSC)	Theatre and Performance Studies (Major, Honours Bachelor of Arts)	Department of Arts, Culture and Media	Undergraduate	Major Mod: Change program requirements. Minor Mod: Change program requirements; rename program (major, specialist, minor, graduate).	Program requirements in the 8.0 full-course equivalent (FCE) Major in Theatre and Performance Studies have been changed to formally recognize four focuses, three of which have informally existed, and change requirements to ensure that students are exposed to each of them. The focuses are: Theatre and Society; Theatre in Communities (new); Performance; and Production. All students will be required to complete 1.0 FCE in each of the areas. As part of this major modification, program requirements in the 4.0 FCE Minor in Theatre and Performance Studies have been changed so that Minor students will complete 1.0 FCE in two of the four focuses. These changes will better leverage existing scholarship among Theatre and Performance faculty. Through	2/10/2020	9/1/2020

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					existing requirements, students will continue to receive a broad introduction to many elements of theatre history, theory and practice. As part of the major modification, the program has been renamed from "Theatre and Performance Studies" to "Theatre and Performance" to better reflect the area.		
University of Toronto Scarborough (UTSC)	Management and Accounting (Specialist and Specialist Co-op, Bachelor of Business Administration). Accounting and Finance (Master of Accounting and Finance).	Department of Management	Undergraduate; Graduate	Major Mod: Add new combined degree program	The University of Toronto Scarborough has approved the creation of a combined degree program (CDP) between the Specialist and Specialist Co-op in Management and Accounting, Bachelor of Business Administration (B.B.A.) and the Master of Accounting and Finance (M.Acc.Fin.) in order to provide strong undergraduate accounting students with a clear pathway to enter the M.Acc.Fin. directly, following the completion of the B.B.A. A CDP is a pathway that allows a student to be registered in two approved	4/28/2020	9/1/2020

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					degree programs at the same time and complete the requirements of both in a manner that provides a benefit to the student. Students will apply to the CDP and the M.Acc.Fin. in Year 2 of the B.B.A. Students with conditional acceptance will complete 1.0 FCE in graduate courses as part of their undergraduate studies and count them towards the completion of the B.B.A. and M.Acc.Fin. Once students fulfil the acceptance conditions, they will be granted unconditional acceptance to the M.Acc.Fin.		
University of Toronto Scarborough (UTSC)	English (Specialist, Honours Bachelor of Arts). Psychology (Specialist, Honours Bachelor of Science).	Department of English. Department of Psychology.	Undergraduate	Major Mod: Add double degree	A double degree pathway has been created between the Specialist in English (Honours Bachelor of Arts) and the Specialist in Psychology programs (Honours Bachelor of Science). A double degree program is a pathway between two existing undergraduate degree programs, allowing students to complete the	3/25/2020	9/1/2020

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					requirements for two different undergraduate degrees in a compressed time frame. The learning outcomes of both degree programs are unchanged and students complete two degrees. This double degree responds to a strong interest among UTSC students in combining their studies in English and Psychology and gaining a strong depth and breadth in both. It has been structured to allow students to complete the degrees in five years through completing 25.0 full-course equivalents (FCEs). Of the 25.0 FCEs, 22.5 FCEs fulfil the core program requirements in both programs. The remaining 2.5 FCEs can be used for breadth requirements and to explore other academic interests.		
University of Toronto	Neuroscience (Specialist and Specialist Co-op,	Department of Psychology.	Undergraduate	Major Mod: Add new field, concentration,	The following three streams have been created in the Specialist and Specialist Co-op: Systems/Behavioural; Cellular/	1/15/2020	9/1/2020

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Scarborough (UTSC)	Honours Bachelor of Science)	Department of Biological Sciences.		stream; change program requirements. Minor Mod: Rename a program.	Molecular; and Cognitive. The new streams leverage existing teaching and research strength in the Department of Psychology in the areas of cognitive science and neuroscience. In the revised curriculum, all students will take a common set of core 6.5 full-course equivalents (FCEs) and an additional 6.5 to 7.0 FCEs depending on the stream, focused in each stream's area. In addition, the core requirements have changed to include a new neurophysiology course for all students early in the program. An existing research methodology course is now required.		