Report on Certificates (For-Credit) 2021-22

Division	Certificate	Unit	Category: 1 or 2[1]	Associated Program	Brief Description of Certificate	First Offered (Approximate Date if Unknown)	Approval Date if Known (MM/DD/YYYY)
Faculty of Applied Science and Engineering	Artificial Intelligence Engineering	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs	The Certificate in Artificial Intelligence (AI) Engineering will provide Engineering students with a solid foundation in machine learning and AI concepts, which they can then apply within the context of their engineering discipline. Students will develop an understanding of applying AI to improve computer decision making, prediction, image/speech recognition, image/speech synthesis or other tasks.	January 2019	Approved by Faculty Council 10/31/2018
Faculty of Applied Science and Engineering	Communication	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs	The Communication Certificate presents an opportunity for interested students to gain specialized expertise and recognition for a personal and professional commitment to enhanced communication skills through courses that expand on communication practices in contexts beyond engineering, deepen theoretical understanding of	September 2015	Approved by Faculty Council 04/17/2015

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[1] Category 1 is a post-baccalaureate certificate (standalone, for-credit). Category 2 is a certificate offered in conjunction with an undergraduate program (for-credit). See the _Policy for Certificates (For-Credit and Not-For-Credit)_, 2016 for further details.

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					communication and facilitate professional development in writing, oral communication and critical thinking.		
Faculty of Applied Science and Engineering	Engineering Business	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs, except those in Engineering Science's Mathematics, Statistics and Financial option. Students can complete either the Engineering Business Certificate or the Entrepreneurship, Innovation and Small Business Certificate, but not both.	The Engineering Business Certificate is a collaborative effort across Engineering and the Rotman School of Management and is open to Engineering students interested in learning more about the business dimension of engineering, from finance and economics to management and leadership.	September 2011	Approved by Faculty Council 12/01/2010

Division	Certificate	Unit	Category: 1 or 2[1]	Associated Program	Brief Description of Certificate	First Offered (Approximate Date if Unknown)	Approval Date if Known (MM/DD/YYYY)
Faculty of Applied Science and Engineering	Engineering Leadership	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs.	Engineers are taught to think analytically and systematically. Leadership skills build on these strengths to make one a more effective engineer. In the Engineering Leadership Certificate, undergraduate engineering students will learn how to effectively handle complex, human challenges that often mean the difference between success and failure.	September 2014	Approved by Faculty Council 12/11/2013
Faculty of Applied Science and Engineering	Entrepreneur-ship, Innovation and Small Business	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs. (Note that students can complete either the Entrepreneurship, Innovation and Small Business Certificate or the Engineering Business Certificate, but not both.)	Engineering undergraduates with an interest in running their own businesses can choose to take two half-course electives for the Entrepreneurship Certificate. The first course provides an overview of small businesses, while the second examines business management skills. Rounding out the three-course certificate is a class in engineering economics.	September 2010. (Note that this certificate had existed previously as an "in-house" recognition, which did not have a formal governance approval outside of Engineering.)	Approved by Faculty Council 05/26/2010

Division	Certificate	Unit	Category: 1 or 2[1]	Associated Program	Brief Description of Certificate	First Offered (Approximate Date if Unknown)	Approval Date if Known (MM/DD/YYYY)
Faculty of Applied Science and Engineering	Forensic Engineering	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs	The Certificate in Forensic Engineering allows interested students across disciplines to develop enhanced engineering investigation competencies. In addition to the traditional focus on the investigation of artifacts that do not function as intended, causing personal injury and/or monetary loss, the flexibility of the certificate will allow students to gain specialized expertise in areas such as assessing deterioration in infrastructure; improving product quality, procedural practices and engineering design practices; and revising codes and standards to enhance public safety.	September 2017	Approved by Faculty Council 12/01/2016
Faculty of Applied Science and Engineering	Global Engineering (U of T Global Scholar)	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs	The Certificate in Global Engineering (U of T Global Scholar) is open to Engineering students interested in developing their knowledge of global issues and how engineers can influence and improve conditions around the world. The courses focus on a variety of concepts such as effects of emerging technologies in both developed and developing economies, global energy systems, innovative finance techniques, current theories in international development and	September 2011	Approved by Faculty Council 12/01/2010

Division	Certificate	Unit	Category: 1 or 2[1]	Associated Program	Brief Description of Certificate	First Offered (Approximate Date if Unknown)	Approval Date if Known (MM/DD/YYYY)
					foreign aid. In January 2019, the Engineering Undergraduate Curriculum Committee approved the name change to the certificate for it be recognized within the University's Global Scholar initiative.		
Faculty of Applied Science and Engineering	Mineral Resources	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs, except those enrolled in the Mineral Engineering degree program.	The Mineral Resources Certificate will expose students to the mineral resources sector and provide a window into state-of-the-art research in mining.	September 2012	Approved by Faculty Council 03/07/2012
Faculty of Applied Science and Engineering, Faculty of Music	Music Technology	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs.	The Music Technology Certificate will provide an opportunity for Engineering students to pursue their musical interests in a way that contributes to their degree program requirements and explore the ties between engineering and music. Students completing the certificate will be able to apply their knowledge of music, music theory, sound and technology to future engineering design projects.	September 2018	Approved by Engineering Faculty Council 12/12/2017. Approved by Music Faculty Council January 2018.

Division	Certificate	Unit	Category: 1 or 2[1]	Associated Program	Brief Description of Certificate	First Offered (Approximate Date if Unknown)	Approval Date if Known (MM/DD/YYYY)
Faculty of Applied Science and Engineering	Nuclear Engineering	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs.	The Nuclear Engineering Certificate recognizes an interdisciplinary focus on nuclear systems. Nuclear energy constitutes an important component of the energy mix in most national energy strategies, and its proportion will likely increase in response to growing challenges related to fossil-driven climate change. Modular nuclear systems power space craft and remote sites on earth. Future nuclear power systems will address current concerns regarding safety and the environment, and significant breakthroughs are likely in fusion technology.	September 2013	Approved by Faculty Council 11/29/2012
Faculty of Applied Science and Engineering	Public Health and Engineering	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs.	Since the start of COVID-19, public health has been front-of-mind for many. Engineering as a discipline has strong historical connections to public health and direct connections currently to mitigating public health challenges and improving conditions for a healthier environment. The Certificate in Public Health and Engineering will provide students in the Core-8 engineering programs and Engineering Science with an introduction to public health and exposure to	September 2022	Approved by Faculty Council 12/16/2021

Division	Certificate	Unit	Category: 1 or 2[1]	Associated Program	Brief Description of Certificate	First Offered (Approximate Date if Unknown)	Approval Date if Known (MM/DD/YYYY)
					connections with Engineering that might spark an interest to explore careers or graduate studies in the area of public health through either Faculty.		
Faculty of Applied Science and Engineering	Renewable Resources Engineering	Cross-Disciplinary Programs	2	Open to Engineering undergraduate students in all Engineering undergraduate degree programs	The Certificate in Renewable Resources Engineering recognizes a demonstrated focus in sustainable resource management and bio-economics, sustainable energy production, green manufacturing and sustainable communities, and reflects the strong interconnections between the Graduate Department of Forestry, John H. Daniels Faculty of Architecture, Landscape, and Design and the Faculty of Applied Science and Engineering.	September 2014	Approved by Faculty Council 12/11/2013
Faculty of Arts and Science	Certificate in Human Resource Management (CHRM)	Centre for Industrial Relations and Human Resources[2]	1		The Certificate in Human Resource Management is designed for students who have completed undergraduate degrees in subjects other than human resource management or related programs such as Employment/Industrial Relations, who now wish to study courses in this field to meet professional needs,	Certificate in Personnel and Industrial Relations was launched in the mid-1970s. The	

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[2] The program was administered by Woodsworth College and transferred to the Centre for Industrial Relations and Human Resources in 2013. The Program Office located in Woodsworth College continues to administer the program as per the memorandum of agreement.

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					prepare for advanced studies or simply to broaden their academic experience. The level of instruction is undergraduate.	program was revised and launched as CHRM in 2001.	
Faculty of Arts and Science	Teaching English to Speakers of Other Languages (TESOL)	Woodsworth College	1		The program offers specialized academic and professional preparation to individuals interested in teaching English to second language learners, specifically adults. The certificate consists of eight half courses.	1972	
Faculty of Arts and Science	Psychology of Economics and Management	Department of Psychology	2	Psychology, Economics, Rotman Commerce	The Certificate in Psychology of Economics and Management will provide students with a specialized program that takes advantage of the interdisciplinary connections between social psychology, economics and business.	2018	04/06/2018
Faculty of Arts and Science	Global German Studies (U of T Global Scholar)	Germanic Languages and Literatures	2		This Certificate in Global German Studies (U of T Global Scholars) recognizes the achievement of learning goals associated with global fluency in the German context, including a basic level of linguistic competence.	03/01/2020	04/05/2019

Division	Certificate	Unit	Category: 1 or 2[1]	Associated Program	Brief Description of Certificate	First Offered (Approximate Date if Unknown)	Approval Date if Known (MM/DD/YYYY)
Faculty of Arts and Science	Certificate in International Affairs (U of T Global Scholar)	Faculty of Arts and Science in association with Trinity College	2	Honours Bachelor of Arts (HBA). Honours Bachelor of Science (HBSc). Bachelor of Commerce (BCom).	This Certificate in International Affairs (U of T Global Scholars) recognizes the achievement of learning goals associated with a multifaceted approach to the study of international affairs, including introduction to a new language, study of the discipline of international relations and more advanced studies in international affairs taken as part of an international experience. The certificate offers students both skills and an international affairs context in which they might situate or supplement their program of study.	03/01/2021	04/02/2020
Faculty of Arts and Science. Rotman School of Management.	Certificate in Business Fundamentals	Faculty of Arts and Science in association with Rotman School of Management	2	Honours Bachelor of Arts (HBA). Honours Bachelor of Science (HBSc).	This Certificate in Business Fundamentals will provide all interested students with an opportunity to obtain some basic business knowledge and grounding in management to supplement their chosen program of study.	03/ 01/2021	01/27/2021
Faculty of Arts and Science	Certificate in Sustainability (U of T	School of the Environment	2	Honours Bachelor of Arts (HBA). Honours Bachelor of Science (HBSc).	The Certificate in Sustainability (U of T Sustainability Scholar) will bring together students from across both arts and science, to engage in interdisciplinary dialogue to address society's pressing sustainability	03/01/2021	01/29/2021

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	Sustainability Scholar)			Bachelor of Commerce (BCom).	challenges. This Certificate is designed to provide students the opportunity to complement their degree program with a framework that situates their expertise in a global sustainability context and integrates the sciences, social sciences and humanities.		
Faculty of Arts and Science	Certificate in Black Canadian Studies	University College	2	Honours Bachelor of Arts (HBA). Honours Bachelor of Science (HBSc). Bachelor of Commerce (BCom).	The Certificate in Black Canadian Studies will provide students with an opportunity to study and research the social construction of race in Canada, with a focus on Black Canada and Black Canadians, past and present. This will include attending to structural and systemic discrimination in areas including politics, judicial systems, and the arts, as well as considering counter-narratives and forms of resistance and empowerment enacted by Black Canadian communities.	07/10/2021	03/25/2021
Faculty of Kinesiology and Physical Education	Certificate in Global Kinesiology and Physical		2	Bachelor of Kinesiology (BKin)	In order to complete the certificate, BKin students must successfully complete 2.0 full-course equivalents (FCEs) from a pre-identified list of courses which will also count towards their degree program. The	September 2019	01/18/2019

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	Education (U of T Global Scholar)				certificate showcases the international, global and Indigenous content existing within BKin courses. It makes transparent for students and their future employers the burgeoning role that the field of Kinesiology and Physical Education plays in health, physical activity and their intersections in a global context. At the same time, students are armed with a global perspective advantageous for numerous future academic and professional pursuits.		
Faculty of Kinesiology and Physical Education	Certificate in Physical Activity Instruction		2	Bachelor of Kinesiology (BKin)	In order to complete the certificate, BKin students must successfully complete 1.5 full-course equivalents (FCEs) from a pre-approved list of courses with a major focus on theories and practices of physical activity instruction. It makes transparent for students and their future employers the strong theoretical-practical experience in physical activity instruction and commensurate leadership and communication skills of these graduates necessary for success in a wide range of academic and professional pursuits.	September 2020	01/17/2020

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Faculty of Law	Certificate in Aboriginal Legal Studies		2	Centre for Indigenous Studies and Variable (e.g., Collaborative Program in Health Care, English, History, Nursing, Political Science, Social Work)	Law students can earn this certificate by taking a sequence of courses including a required course, a combination of eligible courses, and producing and publicly presenting a significant written work of publishable quality in one of those courses. Only graduate-level courses are accepted towards the certificate.	Winter 2012	June 2013
Faculty of Law	Certificate in Environmental Studies		2	School of the Environment	Law students can earn this certificate by taking a sequence of courses including a required course, a combination of eligible courses, producing a research paper and completing an internship. Only graduate-level courses are accepted towards the certificate.	Proposal dated 09/22/2003	Approximately June 2003
Faculty of Law	Certificate in Sexual Diversity and Gender Studies		2	Sexual Diversity Studies	Law students can earn this certificate by taking a sequence of courses including a required course, a combination of eligible courses and producing significant written work of publishable quality in one of those courses. Only graduate-level courses are accepted towards the certificate.	Winter 2012	June 2012

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Faculty of Law	Collaborative Program in Jewish Studies		2	Jewish Studies	Law students can earn this certificate by taking a sequence of courses including a required course, a combination of eligible courses and producing significant written work of publishable quality in one of those courses. Only graduate-level courses are accepted towards the certificate.	January 2011	June 2011
Faculty of Music	Advanced Certificate in Performance		1		This is an intensive, one-year full-time program that allows post undergraduate-level students to focus on the development of practical musical skills.		1998-1999
Faculty of Music	Artist Diploma		1		This is a three-year program with a strong emphasis on the development of performance skills. The core curriculum of the program is based on the Bachelor of Music in Performance degree program, without the breadth requirement (Arts and Science courses).	1952-53	
Faculty of Music	Diploma in Operatic Performance		1		This is an advanced diploma requiring two years of full-time study. An additional year of study is possible for suitable candidates. The diploma is designed to prepare students through vocal and operatic experience for professional operatic careers.	1969-70	

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Faculty of Music	Certificate in Health Applications in Music		2	Open to Music undergraduate students in all Music undergraduate degree programs	The Certificate in Health Applications in Music will provide an opportunity for students to explore some of the many intersections between music and health. Research over the past 10 to 15 years, in particular, has built an increasing consensus around new findings demonstrating the benefits of music learning and training for significant gains in non-musical abilities, in both professional and non-professional music pursuits. The certificate will offer the opportunity to gain an understanding of the broad spectrum of applications of music to health, and therefore open significantly more professional avenues to students.	September 2019	07/03/2019
Faculty of Music	Certificate in Music Technology		2	Open to Music undergraduate students in all Music undergraduate degree programs	The Certificate in Music Technology is intended to provide an opportunity for students to explore some of the many ways that music intersects with technology. The certificate arises out of the Faculty of Music's longstanding leadership in this area. The Faculty of Music was the first institution in Canada and the second in North America to set up an electronic music studio. Housed in the Edward Johnson Building,	September 2019	07/03/2019

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					the facility has just been completely revamped and refurbished. The recent appointment of an assistant professor of composition in music technology and digital media, and of several part-time faculty members with expertise in this area, have given new impetus to the field of music and technology studies. The certificate will offer the opportunity for students to gain an understanding of some of the many ways that music and technology intersect, opening up many more avenues of professional activity for their consideration.		
Faculty of Music	Certificate in Popular Music Studies and Ethnomusicology with Ensemble Option		2	Open to Music undergraduate students in all Music undergraduate degree programs	The Certificate in Popular Music Studies and Ethnomusicology with Ensemble Option is to provide an opportunity for students to broaden their musical perspectives, to become familiar with a sample of the huge diversity of music that flourishes in Toronto and the world at large, and to reimagine music as a space of dialogic encounter. In the words of John Blacking, "The ultimate goal is personal and social	September 2019	07/03/2019 (title changed, May 2021)

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					transformation: music making must be used to enhance personal consciousness and experience in community." This option requires the completion of both academic and performance courses.		
Faculty of Music	Certificate in Popular Music Studies and Ethnomusicology		2	Open to Music undergraduate students in all Music undergraduate degree programs	The Certificate in World and Popular Musics is to provide an opportunity for our students to broaden their musical perspectives, to become familiar with a sample of the huge diversity of music that flourishes in Toronto and the world at large, and to reimagine music as a space of dialogic encounter. In the words of John Blacking, "The ultimate goal is personal and social transformation: music-making must be used to enhance personal consciousness and experience in community." This option requires the completion of both academic courses only.	September 2019	07/03/2019 (title changed May, 2021)
Faculty of Music	Certificate in Piano Pedagogy		2	Open to Music undergraduate students in all Music undergraduate degree programs	This certificate is available only to students with Piano as their major instrument and who intend to pursue applied lessons in all four years of study. This Certificate would be open to students in all programs whose major instrument is piano. Like the three	September 2022	May 2021

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					existing certificates, there is a combination of required and elective courses.		
John H. Daniels Faculty of Architecture, Landscape, and Design	Certificate in Sustainability of the Built Environment		2		In order to complete the certificate, students must complete 2.0 full-course equivalents (FCEs) from a pre-identified list of courses on the topic of sustainability. This certificate will foster in students a greater understanding of the broad spectrum of thought and research in the area of sustainability. It reflects current presidential co-curricular and curricular proprieties of the University.	September 2020	11/20/2019
John H. Daniels Faculty of Architecture, Landscape, and Design	Certificate in Global Studies of the Built Environment (U of T Global Scholar)		2		In order to complete the certificate, students must complete 2.0 full-course equivalents (FCEs) from a pre-identified list of courses across the University (at U of T or abroad) that relate to global and/or international topics. This certificate fosters a greater understanding of global perspectives and topics for students and reflects the current presidential co-curricular and curricular priorities of the University.	September 2020	11/20/2019

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Leslie Dan Faculty of Pharmacy	Certificate in Global studies in Pharmacy (U of T Global Scholar)		2	Doctor of Pharmacy (PharmD): PharmD program PharmD for Pharmacists program	This certificate highlights the global and Indigenous content of the curriculum and gives students the opportunity to be introduced to foundational competencies in global health education and allow exposure to caring for diverse vulnerable populations. Students complete 1.5 full-course equivalents (FCEs) from pre-identified electives and an experiential rotation focusing on global and/or Indigenous health.	September 2020	4/22/2020. Approved as an option for the PharmD for Pharmacists program: 04/16/2021.
Ontario Institute for Studies in Education	Certificate in Leadership in Higher Education	Leadership, Higher and Adult Education	1		The Certificate in Leadership in Higher Education is a part-time program specifically designed to meet the professional development needs of individuals aspiring to be, or are currently in, leadership roles in colleges and universities. It will be offered only on a compressed format/cohort basis.	Fall 2007	09/01/2007
Ontario Institute for Studies in Education	Certificate in Adult Education	Leadership, Higher and Adult Education	1		The Certificate in Adult Education provides an opportunity for interested applicants to broaden their knowledge of theory and methods in adult education. Specialized areas within the certificate are Adult Education and Sustainability; Community Healing and Peacebuilding.	Fall 2001. *Note: Admissions have been administratively suspended,	09/01/2001

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						effective Sept 1, 2019.	
Ontario Institute for Studies in Education	Certificate in School Management	Leadership, Higher and Adult Education	1		The Certificate in School Management serves the professional development needs of school business officials and other educational administrators who desire to further their study in school administration.	Fall 2000. *Note: Admissions have been administratively suspended, effective Sept 1, 2019.	09/01/2000 or earlier
Toronto School of Theology	Conjoint Certificate in Spiritual Care and Psychotherapy	Emmanuel College. Knox College.	2	Conjoint Master of Pastoral Studies	The conjoint certificate, offered as part of the Master of Pastoral Studies, is designed to equip students to apply to professional bodies for membership, typically with a view to vocations as spiritual care therapists in hospitals, correctional institutions, churches, family therapy practices, private practices, counselling services, palliative care hospices, schools, developmental disability facilities or the military.	Fall 2016	05/30/2016
Toronto School of Theology	Conjoint Certificate in	Emmanuel College. Knox	1		This certificate is intended to provide university graduates with a general university-level foundation in	Winter 2019	04/23/2018

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	Theological Studies	College. Regis College. St. Augustine's Seminary. St. Michael's College. Trinity College. Wycliffe College.			Christian studies. It would require seven semester courses (3.5 full-course equivalents [FCEs]) and could be taken on a full-time or part-time basis. The focus of the conjoint certificate is to provide the necessary academic background for those interested in applying to the Master of Arts in Theological Studies, but lacking the admissions requirement of a bachelor's degree in Theology or a major or specialist in Theology or Religious Studies. It will be offered by all seven member institutions of the Toronto School of Theology.		
Toronto School of Theology	Conjoint Certificate in Theology and Interreligious Engagement	Emmanuel College. Knox College. Regis College. St. Augustine's Seminary. St. Michael's College. Trinity	1		The proposed Post-Baccalaureate Certificate in Theology and Interreligious Engagement is intended to provide university graduates with a general university-level foundation in theological and practice-based approaches to religious pluralism and interreligious engagement through the exploration of religious texts and histories; spiritualities and practices; and theologies and theories of religions. It will require	September 2019	03/25/2019

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		College. Wycliffe College.			seven courses (3.5 full-course equivalents [FCEs]) and can be taken on a full-time or part-time basis. The focus of the conjoint certificate is to provide the necessary academic foundation for those working in multi-faith contexts as well as those who are interested in developing this area for professional development; for example, hospital or school chaplains, social workers, etc. A second focus is to provide necessary background in the area of religious texts and histories, theologies of religion and contextual practices for those interested in applying to various degrees such as the Master in Pastoral Studies, Master of Religious Education, Master of Divinity, Master of Theological Studies and Master of Arts in Theological Studies. It will be offered by all member institutions of the Toronto School of Theology (TST).		
University of Toronto Mississauga	Certificate in Advanced Economics	Department of Economics	2	Economics, Bachelor of Commerce (Specialist). Economics, Honours Bachelor of Arts	The Certificate in Advanced Economics will provide interested students with a rigorous and advanced study of the theoretical and analytical foundations of its main fields beyond the scope of their current	09/01/2019	01/15/2019

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				(Specialist, Major, Minor).	programs of study. Courses will be offered in three main fields: microeconomics, macroeconomics and econometrics. Completion will help prepare students for graduate studies in the area by providing a more formal and deeper analysis of economic models and their application.		
University of Toronto Mississauga	Certificate in Curatorial Studies	Department of Visual Studies	2	Art History (Major, Specialist). Art and Art History (Major, Specialist).	Capitalizing on existing courses offered by the Department of Visual Studies, local experiential learning opportunities and the expertise of the Director/Curator of the Blackwood Gallery, the Curatorial Studies Certificate offers students a compact introduction to the history, theory and practice of curation, with a focus on curating contemporary art in a global and Canadian context.	September 2017	September 2017
University of Toronto Mississauga	Certificate in Effective Business Practices and Leadership Skills	Department of Management	2	All Specialists in Bachelor of Commerce (BCom). All Specialists in Bachelor of Business Administration (BBA). All	To complete the certificate, students will be required to complete 2.0 full-course equivalents (FCEs) from an identified list of courses; a minimum of 15 points from Management's Professional Skills Development Program; participation in a workplace preparation workshop; as well as a four-month paid work-	September 2021	10/28/2019

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				Majors in Commerce and Management.	integrated learning placement. This certificate will allow students to learn in a professional workplace environment while employers will have the benefit of added flexibility with a four-month full-time placement structure in addition to the current internship offering.		
University of Toronto Mississauga	Certificate in Global Perspectives	Department of Language Studies	2	All Major and Specialist programs offered by the University of Toronto Mississauga	The Certificate in Global Perspectives is part of a tri-campus initiative to create a series of new academic certificates that will develop globally minded citizens across disciplines. This Certificate will encourage the examination of issues from different cultural, economic and socio-political perspectives as well as provide an interdisciplinary or disciplinary lens through which to interpret and evaluate our interconnected world.	09/01/2019	01/15/2019
University of Toronto Mississauga	Professional Experience Certificate in Digital Media,	Institute of Communica-tion, Culture, Information and	2	Specialist in Digital Enterprise Management (Honours Bachelor of Arts).	The Professional Experience Certificate in Digital Media, Communication and Technology program provides eligible students the opportunity to integrate two paid work placements into their ICCIT program of study. The certificate offers students authentic	05/01/2020	9/12/2018

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	Communication and Technology	Technology (ICCIT)			learning experiences outside the classroom that involve the application of skills and concepts learned in the classroom through two four-month, non-credit, paid work terms.		
University of Toronto Scarborough	Certificate in Bioarchaeology	Department of Anthropology	2	Evolutionary Anthropology (Major, Specialist)	Bioarchaeology is a subdiscipline of Archaeology that focuses on the study of biological materials from archaeological sites, with a particular emphasis on skeletal remains (both human and non-human). To complete the certificate, students must take four pre-identified courses (total of 2.0 full-course equivalents [FCEs]) as part of their undergraduate degree requirements.	January 2020	09/12/2019
University of Toronto Scarborough	Certificate in Biological Sciences Research Excellence	Department of Biological Sciences	2	Specialist programs (Honours Bachelor of Science) in: Conservation and Biodiversity; Human Biology; Integrative Biology; Molecular Biology and	This certificate will recognize students' research accomplishments in experiential, research-based learning experiences throughout their undergraduate programs.	Fall 2019	05/02/2019

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				Biotechnology — Co-op and non-Co-op. Major programs (Honours Bachelor of Science) in: Biology; Conservation and Biodiversity; Human Biology; Molecular Biology, Immunology and Disease; Plant Biology.			
University of Toronto Scarborough	Certificate Program in Business	Department of Management	1		This is a part-time program designed to provide students with the skills they need to function as managers in today's rapidly changing workplace. The program also gives students who already have degrees in other fields of study an opportunity to focus on business studies. In addition, courses in the program can be used towards various professional designations. Students must complete a total of 6.0 credits and earn a cumulative grade point average (CGPA) of at least 2.0.	1997-98	

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University of Toronto Scarborough	Certificate in Computational Social Science	Department of Sociology	2	Honours Bachelor of Arts (HBA). Honours Bachelor of Science (HBSc).	The Certificate in Computational Social Science provides students with training in statistics, modelling and programming approaches to the analysis of social problems using data and fosters critical thinking and communication skills crucial to social science research.	Fall 2021	04/27/2021
University of Toronto Scarborough	Certificate in Economics Within Management and International Business (MIB)	Department of Management	2	Specialist (Co-op) program in Management and International Business, Bachelor of Business Administration (BBA).	The Certificate in Economics Within Management and International Business will recognize that students in the MIB program have taken extra courses in economics and will record that extra concentration on their transcripts.	Fall 2021	04/27/2021
University of Toronto Scarborough (UTSC)	Certificate in Evolutionary Anatomy	Department of Anthropology	1		The Certificate in Evolutionary Anatomy will provide students with a detailed knowledge of skeletal and dental anatomy in humans and related taxa from diverse perspectives. Students will have a thorough understanding of modern human skeletal variation from the perspectives of age, sex and disease, as well as familiarity with human and non-human primate dental anatomy.	Fall 2020	05/27/2020

Division	Certificate	Unit	Category: 1 or 2[1]	Associated Program	Brief Description of Certificate	First Offered (Approximate Date if Unknown)	Approval Date if Known (MM/DD/YYYY)
University of Toronto Scarborough	Certificate in Finance Within Management and International Business (MIB)	Department of Management	2	Specialist (Co-op) program in Management and International Business, Bachelor of Business Administration (BBA).	The Certificate in Finance Within Management and International Business will recognize that students in the MIB program have taken extra courses in finance and will record that extra concentration on their transcripts.	Fall 2021	04/27/2021
University of Toronto Scarborough (UTSC)	Certificate in Global Development, Environment and Health (UofT Global Scholar)	Centre for Critical Development Studies	2	Honours Bachelor of Arts (HBA). Honours Bachelor of Science (HBSc). Bachelor of Business Administration (BBA).	The certificate's goals are to: promote a general awareness of global issues relating to global development, environment and health; lay the foundations for a critical, comparative and interdisciplinary understanding of global challenges related to development, environment and health; and allow for programmatic flexibility in meeting these cross-disciplinary learning outcomes. It is open to students in all programs at UTSC. Students complete a total of 2.0 credits which includes one core course, *Global Development in Comparative Perspective*.	September 2020	05/29/2019
University of Toronto Scarborough	Certificate in Human Resources Within	Department of Management	2	Specialist (Co-op) program in Management and International	The Certificate in Human Resources Within Management and International Business will recognize that students in the MIB program have taken extra	Fall 2021	04/27/2021

Division	Certificate	Unit	Category: 1 or 2[1]	Associated Program	Brief Description of Certificate	First Offered (Approximate Date if Unknown)	Approval Date if Known (MM/DD/YYYY)
	Management and International Business (MIB)			Business, Bachelor of Business Administration (BBA).	courses in organizational behaviour and human resources and will record that extra concentration on their transcripts.		
University of Toronto Scarborough	Certificate in Marketing Within Management and International Business (MIB)	Department of Management	2	Specialist (Co-op) program in Management and International Business, Bachelor of Business Administration (BBA).	The Certificate in Marketing Within Management and International Business will recognize that students in the MIB program have taken extra courses in marketing and will record that extra concentration on their transcripts.	Fall 2021	04/27/2021
University of Toronto Scarborough	Certificate in Strategy Within Management and International Business (MIB)	Department of Management	2	Specialist (Co-op) program in Management and International Business, Bachelor of Business Administration (BBA).	The Certificate in Strategy Within Management and International Business will recognize that students in the MIB program have taken extra courses in strategy and will record that extra concentration on their transcripts.	Fall 2021	04/27/2021
University of Toronto Scarborough (UTSC)	Certificate in Sustainability (U of T Sustainability Scholar)	Department of Physical and Environmental Sciences	2	Honours Bachelor of Arts (HBA). Honours Bachelor of Science (HBSc).	The Certificate in Sustainability builds on UTSC's longstanding academic strengths to provide an opportunity for a broad range of students to incorporate sustainability into their undergraduate studies.	Fall 2021	04/27/2021