

## 2013-2014 Summary of New Collaborative Programs

Faculty	Program	Unit (if applicable)	Degree Designation	Type of Modification	Brief Description	Date Effective (MM/DD/YYYY)
Faculty of Applied Science and Engineering (lead)	Collaborative graduate program in Engineering Education	Departments of Mechanical and Industrial Engineering; Chemical Engineering and Applied Chemistry; and Civil Engineering in the Faculty of Applied Science and Engineering; and the Department of Curriculum, Teaching and Learning in the Ontario Institute for Studies in Education.	M.A.; M.A.Sc.; and Ph.D.	Creation of a new collaborative graduate program	This is a new collaborative graduate program in engineering education offered at both the master's and doctoral levels. Topics addressed will span the knowledge base, learning processes, people in engineering programs, and surrounding socio-cultural context, and the outcomes that result. The overall objectives of the program are to: facilitate and promote applied engineering education research that can support evidence-based instruction, assessment, and curriculum reform; to produce graduate students with expertise in engineering education; to create a forum for faculty and students to develop and expand their interests in engineering education; and to establish a vibrant community and focal point for engineering education scholarship at the University of Toronto. Coursework will provide students with perspectives on learning, knowledge, assessment and culture/community, along with theory, methods, and topics related to engineering education research.	9/1/2014
Faculty of Medicine	Collaborative graduate program in Human Development	Fraser Mustard Institute of Human Development	Ph.D.	Creation of a new collaborative graduate program	This is a new collaborative graduate program in Human Development designed to help students understand the dynamic relationship and complex interplay between genes and environments in order to develop a holistic picture of early human development. Students enrolled in one of thirteen specified doctoral programs may participate. The program will inspire and facilitate collaborative research in early human development and in related fields; encourage and cultivate in students the ability to work across disciplinary boundaries; and instil in students both the desire and the necessary skills to translate knowledge of early human development into tangible results for children.	9/1/2014