THE TELFER MASTER OF SCIENCE (MSc) IN HEALTH SYSTEMS PROGRAM

Located in the heart of Ottawa, our school is the proud academic home of some 4,300 students, 88 full-time faculty members, and over 25,000 alumni. Our accreditations from the three most demanding international accrediting bodies (AACSB, AMBA & EQUIS) place us in an elite group of 1% of the world’s business schools who have earned this triple-crown distinction.

Healthcare systems worldwide are undergoing a profound transformation. New and innovative solutions are needed to support the management and transformation of healthcare delivery, to support essential care delivery models such as collaborative care delivery, patient participatory medicine, and chronic disease management. However, this ambitious move to seamless, comprehensive, collaborative care won’t be easy, as the structure of our country’s current healthcare system simply isn’t designed to support these new models of care delivery. We need to do the “business” of healthcare reform differently to achieve meaningful healthcare transformation.

The Telfer School’s Master of Science in Health Systems (MSc HS) is designed to cultivate the researchers who will lead this transformation of modern healthcare in order to break down silos to enable the communication of ideas, information, and concepts across providers, processes and settings, to provide better care for patients. Rising young researchers in our program will gain the knowledge, skills and training needed to carry out advanced research and uncover findings that:

- Identify how to provide enhanced services for our aging population;
- Harness the potential of electronic health records to create an integrated network of healthcare services;
- Facilitate change management to limit the impact that transformational changes will have on the people and organizations that deliver healthcare services;
- Support evidence-based practice to ensure our country’s radically evolving healthcare system provides safe, efficient, effective and sustainable patient-centred care today and into the future.

CONNECT TO YOUR RESEARCH QUESTION
Every extraordinary advance and discovery has one thing in common: it started with one person asking a cutting-edge question. The program helps you make that research question the heart of your research.

LEARN TO WORK ACROSS DISCIPLINES
The MSc HS program draws on the expertise of faculty and researchers from many related fields, including management, operations research, computer science, medicine, health sciences, health services, administration and economics.

GET HANDS-ON EXPERIENCE
After completing your required coursework, and once your thesis proposal has been approved, you will spend one session at a recognized healthcare research institute. The Health Systems Research Internship enables you to conduct research for your thesis and work with experts on leading-edge research projects.

WORK WITH RESEARCH EXPERTS
Our faculty members carry out strikingly original research in a variety of fields, including our three areas of strategic focus: business analytics and performance, health-systems management, and innovation & entrepreneurship.

AREAS OF STUDY
Our areas of study are concentrated on three of the most vital topics in health systems:

- **Management**—you will address the organizational, financial and operational challenges related to improving the efficiency of health systems and providing quality healthcare services to patient.
- **Informatics**—you will deal with issues of data interoperability, security and privacy of information, data warehousing and data marts for health applications, and examine the latest developments in ubiquitous and wearable computing devices for providing point-of-care support.
- **Empirical Studies**—you will use empirical data and evidence to evaluate new methodologies for knowledge creation and transfer, patient empowerment in decision-making processes, the development of decision-support tools and the effectiveness of new or improved healthcare protocols.
ADMISSION REQUIREMENTS

Academic Qualifications: To qualify for our MSc in Health Systems program you must have obtained the equivalent of a four-year undergraduate degree in management (BCom), health sciences, life sciences, medicine, nursing, computer science, economics, social sciences, engineering, mathematics or other health-related fields with a minimum B+ (75 percent) cumulative grade-point average. You also require the equivalent of 6 credits of analysis courses at the bachelor’s level in quantitative and qualitative research methods, micro and macro-economics, calculus, probability and statistics, linear algebra, and information technology. Note: students lacking background in quantitative analysis may be asked to complete prerequisite course as a condition of admission.

GMAT or GRE: You must achieve a competitive score in the Graduate Management Admission Test (GMAT) or Graduate Record Examinations (GRE). For further GMAT or GRE details consult www.mba.com or www.ets.org/gre.

Language Proficiency: Those who wish to study in English but whose first language is not English must present acceptable results in a test of English proficiency. The Test of English as a Foreign Language (TOEFL), www.ets.org/toefl, is one of the approved tests; a score of at least 100 in the Internet-based version or 250 in the computer-based version, including 5 on the Test of Written English (TWE), is considered the minimum requirement.

Personal Interview: An interview with the admission committee may be required.

REQUIRED DOCUMENTS

- Complete the application form online at www.grad.uOttawa.ca/apply.
- A $100 CAD non-refundable application fee.
- Recent and official transcripts sent directly from all the postsecondary institutions you attended as well as any additional evidence of academic excellence, such as grade point average, class rank, awards, publications and professional designations. Transcripts from non-Canadian and non-American institutions should include the grading scale.
- Official proof of degree.
- A current curriculum vitae that details research or academic experience relating to your area of research interest and any pertinent volunteer work.
- Two recommendations submitted electronically. It should be academic or research referees. To obtain these recommendations:
  - Fill out the application online and enter referees’ contact information.
  - Upon submission of your final application, an email will be sent to your referees with instructions for submitting the online recommendations.
  - A statement of research (800 to 1000 words) clearly specifying what research topic you are interested in, why you are interested in this topic, and how it is related to your career goals and/or past experience.
- Official GMAT or GRE results.
- Official proof of language proficiency.

DURATION

The program lasts two years and begins in early September.

FEES

Domestic $18,486 and International $41,002 CDN (International trip, books, mandatory dental and medical insurance are extra).

SCHOLARSHIPS

Students with excellent academic records could be offered financial support packages. These packages include admission scholarships, teaching or research assistantships, scholarships and research travel grants. We also encourage you to supplement these packages by applying for funding from provincial and federal granting agencies, whose deadlines may be up to one year prior to program entry.

VISA REQUIREMENTS INFORMATION

Visit the CIC website: www.cic.gc.ca.

APPLICATIONS DEADLINE (COMPLETE FILE)

- International: January 15.
- Canadian and American: March 1.

For more information on the Telfer MSc in Health Systems program, please contact:

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613-562-5884 or 1-800-965-5512