

FIRST DEGREE OF ITS KIND

Lead at the Intersection
of Business and AI

Master of Management in Artificial Intelligence

12-month program in Toronto • Study while you work

smithqueens.com/mmai



THE POTENTIAL
OF **ARTIFICIAL
INTELLIGENCE** IS
EXTRAORDINARY
AND APPLIES TO
EVERY SECTOR



**Master of Management
in Artificial Intelligence**

The **power** to reshape operations, enhance customer experiences, and reimagine product and service design is **exponential**.

Unlocking AI's competitive potential demands a new kind of professional—one who understands its capabilities, applies them strategically, and navigates ethical, economic, and societal impacts.

The Master of Management in Artificial Intelligence (MMAI) at Smith School of Business is Canada's premier graduate program focused on the intersection of AI and business. Designed for professionals eager to lead AI-driven change, the program combines advanced technologies with a strategic business approach, equipping graduates to make an immediate impact.

Developed in partnership with an industry-led Analytics & AI Advisory Board, the program's curriculum evolves with the field. Students gain hands-on experience, work with current case studies, and build valuable connections with leaders in AI. Graduates are equipped to navigate the complexities of AI and lead its integration within their organizations.

“

I chose Smith School of Business because it has an international reputation for being the most innovative and hands-on when it comes to business education. Smith's MMAI degree offers business acumen coupled with cutting-edge technology. The program is rigorous, challenging, fast paced, and exciting. You learn about new technologies and have access to faculty members with strong ties to the top technology firms in Canada. As a graduate of this program, I'm very confident in the skills developed and look forward to applying them in my field of finance.”

Behnam Manavi Tehrani, MMAI
Business Development Associate
TD Waterhouse



About the MMAI Program

Classes are based at SmithToronto, a dedicated learning facility in downtown Toronto. Classes are held one weekday evening per week and a full day on alternating weekends. Plus there are two one-week residential sessions at Smith School of Business' main campus at Queen's University, Kingston.

What does this degree provide?

- A strong understanding of the technical principles of AI and modern methods for data search and retrieval, and how to practically apply them to real world problems;
- Command of best practices in identifying opportunities and applying AI;
- Expertise in the business practices required to effectively use AI and machine learning;
- Awareness and engagement in the ethical, economic, and societal impacts of computers exhibiting intelligent behavior;
- Enhancement of skills for communicating complex problems and AI solutions to wide audiences in an organization; and
- Training in creating and maintaining high performance work teams.

A 12-month program while you work, starting in May



Teaching Approach & Faculty

The MMAI program is delivered through a combination of lectures, seminars, experiential learning, team assignments, projects, presentations, real-world problem solving and a capstone project.

Faculty are drawn from leading experts and experienced teachers at Smith School of Business, plus adjunct faculty from industry – bringing real-world insights and cutting-edge expertise to the classroom. This blend of academic rigor and practical experience ensures students are well-prepared to tackle the evolving challenges in artificial intelligence and machine learning.

Students will use the latest software tools to build and deploy a variety of machine learning models including unsupervised learning, supervised learning, deep learning, reinforcement learning, and natural language processing.



Live business data sets mean students work on real business challenges in real time.

MASTERING THE WORLD OF AI

Graduates of Smith's Master of Management in Artificial Intelligence advance into senior roles, leading major projects and operating functions.

Our graduates hold titles such as:

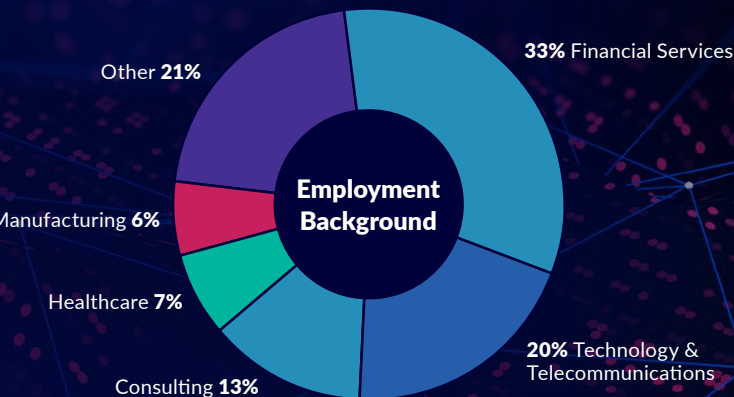
- Director, Product Manager of AI
- Artificial Intelligence Manager/Architect
- Sr. Project Manager of AI
- AI and Cognitive Leader
- Director/Manager of AI Innovation
- Manager/Director of Data Science and Analytics
- Solution Head, Artificial Intelligence and Analytics
- Head of Artificial Intelligence
- AI and Machine learning (AIM) Program Manager
- Senior Data Scientist/Senior AI specialist

Visit smithqueens.com/mmai for more on graduate career outcomes.

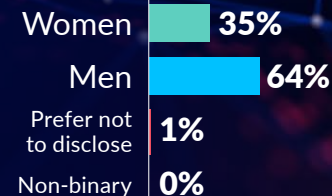
70
Class Size

32
Average Age of Students

8
Average Years of Work Experience



3.5
Average Years of Management Experience



Citizenship

Australia , Brazil, Canada, China, Egypt, Hong Kong, India, Nigeria, Pakistan, Rwanda, Taiwan

Class of 2026

Curriculum

Smith's MMAI curriculum is delivered through a combination of lectures, seminars, experiential learning, team assignments, projects, presentations, real-world problem solving and a capstone project.

- Introduction to Management
- High-Performance Teams
- Mathematics for Artificial Intelligence
- Machine Learning and AI Technology
- Analytical Decision Making
- Natural Language Processing
- Deep Learning
- Agile Project Management for AI
- AI Ethics and Policy
- AI Innovation & Entrepreneurship
- AI in Marketing
- AI in Finance
- Leading Change
- Reinforcement Learning and Application
- AI Capstone Project

Courses subject to change.
Visit smithqueens.com/mmai

Technical Training

Students will be exposed to a variety of tools and programming languages throughout the Smith MMAI program including R, and Python. Students are encouraged to participate in optional training in which they will be introduced to these tools. These sessions will take place outside of the regular class schedule.

Experiential Learning

Experiential learning or “learning by doing” is one of the most effective ways to learn. Students in the Master of Management in Artificial Intelligence program have the opportunity to participate in the Queen's University Alternative Asset Fund (QUAAF). It is the only student run hedge fund in North America and was the brainchild of four Master's students. The student management group consists of a mix of MBA, Master of Finance, Master of Management Analytics, and Master of Management in Artificial Intelligence students that comprise an Executive Committee and teams of Analysts. They are supported by an Advisory Committee of industry professionals. This fund has been seeded with contributions from alumni and friends of Queen's, and all proceeds contribute to the maintenance and expansion of the fund.

The Smith Experience

Smith School of Business at Queen's University is renowned for its **excellence**, **innovation** and **leadership** in business education.

From establishing the first undergraduate business degree a century ago to creating ground-breaking programs and courses in emerging areas including artificial intelligence, fintech, analytics, cultural diversity, team dynamics, social impact, and more, Smith is at the forefront of preparing you for the business marketplace.

In addition to its rich tradition of academic and teaching excellence, Smith is known for delivering outstanding learning and development experiences.

Collaborative learning, personal attention, individual and team coaching, opportunities for specialization, connection to a powerful global alumni network, corporate connections and partnerships, and a deep commitment to student success all characterize the Smith experience.

Queen's University, home of Smith, has a rich academic tradition dating back to 1841, and is consistently ranked among Canada's very best universities.



Smith Analytics & AI Advisory Board

Smith School of Business is proud to work with highly-respected and accomplished industry leaders to ensure our Master of Management in Artificial Intelligence meets emerging needs, and provides strong connections to the business community.



Mark Shafer
Senior Vice President,
Decision Science &
Integration



Lori Bieda
Chief Data and Analytics
Officer, North American
Personal and Business Bank



Ian Scott
Partner &
Chief Data Scientist



Jane Ho
AVP,
Analytics, Insights & AI
- Strategy & Talent



Alison Simpson
President
& CEO



Paul Zikopoulos
VP,
Technology Group Skills
& Enablement



“

AI won't replace managers,
but managers who know AI
will replace managers who
don't. We need managers
who can translate strategic
goals into concrete
technical steps.”

Stephen Thomas
Executive Director,
Analytics & AI Ecosystem,
Smith School of Business
Smith Analytics &
AI Advisory Board



Meet the full advisory board at smithqueens.com/mmai

Requirements

To be considered for admission to the Master of Management in Artificial Intelligence program, applicants must have:

- **Undergraduate degree** from an accredited university in mathematics, business, commerce, computer science, economics, engineering or any science subject. Including at least one mathematics or statistics course or computer science course.
- **Relevant work experience:** Exceptional applicants without work experience may be considered.
- **GMAT not required:** We are looking for well-rounded students who bring a variety of perspectives and experience to the classroom. While not required, a GMAT may be recommended to strengthen your application.
- **Programming languages:** All applicants who are successful in the admission process will be expected to have a foundational understanding in Python programming language prior to the start of the program. If you do not already have this experience, you are still eligible to apply but, in this case, your Application Advisor will recommend online courses you can take to increase your programming acumen.
- **Demonstrated English language proficiency** for those whose first language is not English and whose undergraduate university studies were taken in a language other than English. The test of English facility is a firm requirement that cannot be waived.

Due to the rigorous nature of the program, it is strongly recommended that applicants have exposure to university-level courses in topics like statistics, calculus, and linear algebra (or other courses in mathematics and statistics). However, we will also consider undergraduate degrees in other streams. Experience in computer programming, data analytics or mathematical modeling is also an asset.

**Smith Application Advisors
will work with you through
the application process.**

Applications are reviewed as they are received. Students are encouraged to apply early, as classes fill quickly.

smithqueens.com/mmai

Fees & Financing

Program Fees

Program fees, financing options and a payment schedule are available on our website.

Visit smithqueens.com/mmai

Financing

Talk to us about the various financing options available including:

- RBC Royal Credit Line
- Vector Institute & Academic Scholarships
- RRSPs, and more

Note: acceptance to the program does not guarantee or imply qualification for financing.

Academic & Vector Institute Scholarships

Smith School of Business is pleased to offer Dean's Entrance Scholarships to applicants on the basis of outstanding academic and professional achievements.

Smith's MMAI program is recognized by the Vector Institute for Artificial Intelligence for delivering a curriculum that equips graduates with the skills and competencies sought by industry. Students enrolled in the program with strong academic standing in their previous studies, typically an A- GPA or higher, may be eligible to apply for Vector Institute Scholarships valued at \$17,500.

Visit smithqueens.com/mmai for more details.



VECTOR INSTITUTE



Master of Management in Artificial Intelligence

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