

**York University
Markham Campus**

2025-2026 Student Viewbook





Gain Your Competitive Advantage

York University's newest campus is in the heart of Markham and York Region, a diverse and dynamic urban community projected to be one of Ontario's fastest-growing regions for 18-21-year-olds by 2036. Our exciting new Markham Campus offers undergraduate and graduate programs centred around innovation, technology and entrepreneurship, designed to produce job-ready candidates and taught by York University's award-winning Faculty.

Markham Campus serves as a hub for advanced research, training, and teaching opportunities in AI & Society, FinTech, and Digital Cultures. We are also proud to host Canada's first CIFAL training centre, part of UNITAR's global network dedicated to addressing challenges through emergency and disaster management, equity, and economic development. The new campus features the library MakerSpace which provides students and researchers with access to a range of cutting-edge tools, including 3D printers, robotics, programming resources, and more. Markham also boasts YSpace Markham and the IBM Innovation Space — Markham Convergence Centre. These facilities provide unique opportunities for students and faculty to collaborate directly with employers, start-ups, and community partners in a state-of-the-art learning environment.

Welcome to York University's Markham Campus.

Rhonda Lenton,
President and Vice-Chancellor, York University

Amazing things happen when diverse communities work together to tackle world issues. When York students apply their knowledge, they have the power to make things right.

Join us in creating positive change.
yorku.ca/rightthefuture



Land Acknowledgment

York University recognizes that many Indigenous Nations have longstanding relationships with the territories upon which its campuses are located. We acknowledge that our Markham Campus is situated upon traditional territories of the Anishinaabe Peoples and of the Haudenosaunee Peoples. These territories are covered by the Upper Canada Treaties. The First Nations community in closest proximity to the City of Markham are the Chippewas of Georgina Island.

Pronunciation
Anishinaabe: (an-ish-in-aabe)
Haudenosaunee: (hoodt-en-oh-show-nee)
Chippewas: (chip-i-waas)

Join a Community of Positive Changemakers

Embracing Opportunities and Building Futures

Welcome to our vibrant community. As Interim Deputy Provost, I extend a warm greeting to everyone joining us at our exciting new campus. Here, you'll embark on a transformative journey filled with growth, and endless opportunities. Our campus aims to provide each of you with the tools you need to succeed, dedicated to supporting your academic and personal development throughout your journey. I look forward to the promising possibilities that await you. yorku.ca/markham

Dan Palermo,
Interim Deputy Provost Markham, York University



Table of Contents

Our Campuses	2
Markham Campus Experiential Education	3

Undergraduate Programs

Communication, Social Media & Public Relations (BA)	5
Computer Science for Software Development (BAsc)	6
Creative Technologies (BFA)	7
Digital Technologies (BAsc)	8
Entrepreneurship & Innovation (BCom)	9
Financial Technologies (BSc)	10
Sport Management (BSM)	11
First Year Engineering Core Program	12
First Year Science Program	13

Graduate Programs

Master of Public Policy, Administration and Law (MPPAL - Municipal Government).....	15
Master of Science in Management Practice (MScMP)	16
Graduate Diploma in Management (GDM)	17
Master of Biotechnology Management (MBM).....	18
Graduate Diploma in Biotechnology (GDB)	19
Study, Learn, Explore	20
Markham Campus Facilities	21
Student Experience	22
Metropia Student Success Centre	23
Markham and York Region	24

Our Campuses

York University is a network of campuses offering students opportunities to explore the perspectives shaping our world. As a student, you'll join a community that will expand your point of view. You'll add your voice and ideas to lively classroom discussions and work to tackle today's most pressing and complex challenges. Collaboration and mobility among our campuses creates an integrated, dynamic university experience. yorku.ca/campuses



Markham Campus

Markham Campus is located in a diverse and dynamic urban community — home to hundreds of head offices, more than 1,500 high-tech and life science companies, and startups. Academic programs revolve around technology and entrepreneurship. The campus increases access to higher education in York Region through leading-edge, tech-forward programs and research designed to harness innovation in a socially responsible manner. It also serves as a meeting place for students to interact directly with employers, startups and community partners.



Keele Campus

A vibrant community hub where more than 54,000 students, faculty and staff converge, Keele Campus provides a broad range of programs amid expansive research, arts and athletic facilities. Students can explore new ideas and diverse perspectives, gain invaluable hands-on experience and pursue their passions. The campus experience is enhanced by its proximity to Toronto and surrounding area. This campus offers unparalleled opportunities to curate your own education, scholarship, personal growth and contribution to positive action.



Glendon Campus

Programs enriched through a focus on global engagement are at the centre of Glendon Campus. Nestled on 35 hectares in Midtown Toronto, courses are offered in an immersive environment on the picturesque, ivy-covered campus. With a focus on bilingual and trilingual programming, Glendon students are supported in strengthening their intercultural skills and learn to work towards equity across cultures and borders. Small classes combined with flexible learning paths provide a uniquely community-driven university experience.



School of Medicine

Not limited by conventional thinking, York University's School of Medicine, slated to open in 2028, will prepare the next generation of talented frontline primary care doctors in Canada. The University's future physicians will train in real-world settings, working with inter-professional health-care teams. The School's anchor site will be located in Vaughan, next to the Cortellucci Vaughan Hospital, the first new hospital to be built in Ontario in more than 30 years.

Impact Rankings: 35th in the World

Top 13
in the world for
sustainable cities
and communities

Top 33
in the world
for reduced
inequalities

Top 2
in the world
for no
poverty

For information on York University's rankings and advancements related to the UN SDGs, please visit yorku.ca/oipa/rankings



Markham Campus Experiential Education - Elevate your Learning!

Jumpstart Your Career Through Co-ops, Internships and More

At Markham Campus, we offer a dynamic array of co-ops, internships, and more to help you kickstart your career. Our programs are crafted to give you hands-on experience in your field of choice, enabling you to hone practical skills, forge valuable industry connections, and elevate your overall education.

Through a range of experiential opportunities such as co-op placements, internships, case studies, research projects, and community engagements, at Markham Campus you will gain invaluable real-world experience that enriches your academic journey and readies them for success in their future endeavours. Our strong emphasis on experiential learning ensures that you can seamlessly translate your knowledge into real-world contexts, gain crucial industry insights, and cultivate the capabilities needed to thrive in today's competitive job landscape.

Join us at Markham Campus and embark on a transformative educational journey that will equip you for a brilliant and prosperous future.



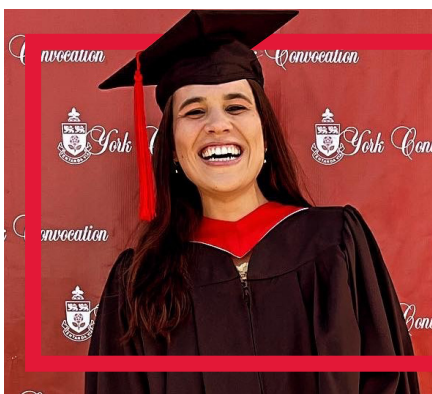
**OPPORTUNITIES
ABOUND**

37,447



Experiential Education –

opportunities, including hands-on learning experiences in and out of the classroom – were available to York University Students in 2022.



“The MScMP was an incredible opportunity to connect with amazing professors. They shared with us lots of valuable knowledge related to data analysis and research strategies. I now apply this knowledge daily in my research position at a Toronto hospital. The program is fantastic, and I am deeply grateful to all the course instructors!”

Camila Heredia, MD, MSc '23, Researcher,
St. Michael's Hospital



“Lassonde's integrated program in digital technologies will take work-integrated learning to the next level. This goes beyond co-op and traditional models of internship.”

Alison Evans Adnani, BSc '95 Senior Program Head,
Dev Degree, Shopify

Undergraduate Programs



Communication, Social Media & Public Relations (BA)



Faculty of Liberal Arts & Professional Studies

Communication, Social Media & Public Relations is a new stream in the existing Communication & Media Studies (BA) program.

Offered exclusively at the new Markham Campus, this program will help you develop a solid foundation in communication and media studies while pursuing an intensive focus on the study of social media and public relations. Acquire research experience, analytical skills and expertise in communicating across multimedia formats with an emphasis on ethics and a commitment to social justice and transformation. The program also includes experiential education and placement opportunities, to support you in navigating future career or academic pursuits.

Admission Requirements	Sample First-Year Courses
<ul style="list-style-type: none"> • Ontario Secondary School Diploma (OSSD) • 6 4U or M level courses including: <ul style="list-style-type: none"> - ENG4U (prerequisite) 	<ul style="list-style-type: none"> • Social Media, Public Relations & Society • Introduction to Communication and Media


** For full course information, including prerequisites, scan QR code.*

Equip Yourself

- Communicate effectively to different audiences in a variety of formats (oral, visual, textual) using a range of media practices, technologies and platforms
- Apply relevant ethical, historical, critical and current communication and media studies frameworks to critically understand the sociocultural, political, economic, technological and environmental dimensions of social media and public relations

POSSIBLE CAREERS INCLUDE:

- Public Relations Specialist
- Social Media Manager
- Communications Officer



Computer Science for Software Development (BASc)



Lassonde School of Engineering

Choose from exciting options in emerging areas such as cloud computing, cyber security and data science in this program, which puts innovative ideas at the heart of program design.

In your courses, you will have the opportunity to work on real-world community and industry-inspired projects, covering both theory and practice. Moreover, through experiential learning, you'll play an active role in the learning process, whether that's during extensive labs, project-based assessments, simulated workplace assignments and/or work terms in Markham-based industrial or non-profit organizations. It's all about building the complementary skills of a well-rounded digital citizen.

Admission Requirements	Sample First-Year Courses
<ul style="list-style-type: none"> • Ontario Secondary School Diploma (OSSD) • 6 4U or M level courses including: <ul style="list-style-type: none"> - ENG4U (prerequisite) - MHF4U (prerequisite) - SBI4U or SCH4U or SPH4U (prerequisite) - An additional 12U Math (recommended) • No prerequisite courses below 70% 	<ul style="list-style-type: none"> • Coding through Biology • Coding through Chemistry • Coding through Mechatronics • Net-Centric Programming • Introduction to Computational Thinking

For full course information, including prerequisites, scan QR code.

Equip Yourself

- Work with others to solve systems and organizational problems while reconciling conflicting objectives
- Apply privacy, ethical, social, legal and economic considerations to solution design
- Communicate technical information to all audiences
- Manage the interplay of theory and practice in software development for community-inspired projects
- Integrate different aspects of software development in system design, the software development life cycle and the interplay of detail and abstraction at the system level

POSSIBLE CAREERS INCLUDE:

- Computer Programmer
- Software Developer
- Application Developer
- Software Design Architect



Creative Technologies (BFA)

School of the Arts, Media, Performance & Design



Apply creativity, collaboration and entrepreneurship to address real-world problems in fast-changing industries, such as the ethics of disruptive technologies, web3, virtual worlds, creative applications of artificial intelligence, and more.

The Creative Technologies (BFA) program empowers students to develop multidisciplinary creative skills and technological expertise through hands-on learning with an emphasis on social applications and contexts.

As a student in this program, you will engage in collaborative research and digital projects that address real-world problems and contribute to emerging industries. Through innovative skills-based courses, you will gain practical experience such as technology for fabrication, media processes, digital content creation, virtual environments and more. Grounded in critical entrepreneurship, the curriculum focuses on collaboration, sustainability and social change.

Admission Requirements	Sample First-Year Courses
<ul style="list-style-type: none"> • Ontario Secondary School Diploma (OSSD) <ul style="list-style-type: none"> - 6 4U or M level courses including: <ul style="list-style-type: none"> - ENG4U (prerequisite) - 12U Arts course or similar arts training (recommended) • No portfolio is required 	<ul style="list-style-type: none"> • Creative Methodologies I & II • Creating with AI • Understanding Coding • Experiential Education in Creative Technologies (with community/industry partners) • Electives offering experiential education in VR/AR, immersive experiences, industry/community engagement and access to the Faculty's award-winning digital artists, curators and designers

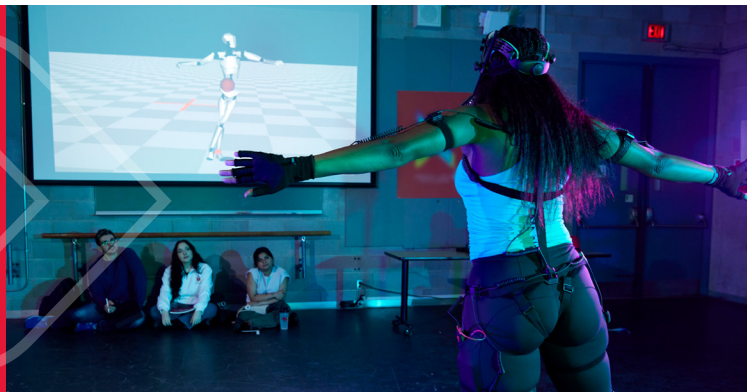
For full course information, including prerequisites, scan QR code.

Equip Yourself

- Create exceptional, socially engaged projects in the creative industries using advanced digital technologies
- Analyze and critique contemporary digital projects within aesthetic, conceptual, and historical frameworks
- Develop technological skills and creative methodologies to generate ideas, proposals, and solutions within collaborative, interdisciplinary and professional settings
- Gain professional experience by collaborating with industry partners, community organizations, and others in the City of Markham, the wider York Region, and within global networks

POSSIBLE CAREERS INCLUDE:

- Creative Technologist
- Digital Content Creator
- Interactive Exhibition Designer
- Programming Director / Curator
- Digital Community Artist & Organizer



Digital Technologies (BASc)

Lassonde School of Engineering



Imagine earning a full-time salary at a company, while dedicating 20 per cent of your time to study. A brand-new concept in Canada, this program is 80 per cent experiential starting from day one, so your theoretical and academic learning can be immediately and continuously applied on the job.

Admission Requirements	Sample First-Year Courses
<ul style="list-style-type: none"> • Ontario Secondary School Diploma (OSSD) • 6 4U or M-level courses including: <ul style="list-style-type: none"> - ENG4U (prerequisite) - MHF4U (prerequisite) - An additional 12U Math (recommended) • No prerequisite courses below 75% • Employment offer from one of our employer partners 	<ul style="list-style-type: none"> • Introduction to Computational Thinking • Teamwork & Communication • Organizational Structure & Processes • Object Oriented Problem Solving • Net-centric Computing

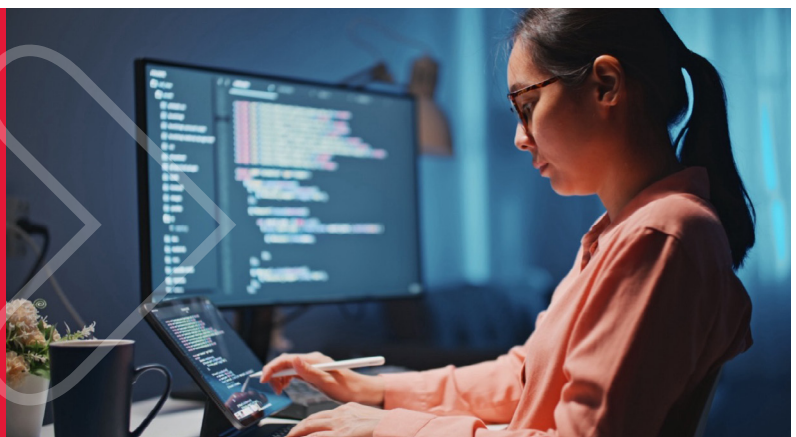
For full course information, including prerequisites, scan QR code.

Equip Yourself

- Meet business needs by critically analyzing, comparing and proposing potential digital technology solutions
- Design, build and maintain fit-for-purpose, robust, secure digital systems
- Analyze and prioritize security risks to digital systems and operational procedures
- Clearly communicate, both orally and in writing, complex ideas to a variety of audiences using a range of appropriate strategies and media

POSSIBLE CAREERS INCLUDE:

- Cyber Security Specialist
- Information System Analyst
- Database Administrator
- Data Analyst or Software Developer



Entrepreneurship & Innovation (BCom)

Faculty of Liberal Arts & Professional Studies



A new Markham Campus stream in York University’s established Commerce program, this option lets you combine core business courses with courses focused on developing an action-oriented, entrepreneurial mindset for overcoming organizational and societal challenges in an ever-changing world.

Draw from business and social perspectives to understand how value is created in both for-profit and not-for-profit organizations. You will benefit from hands-on, practical education in entrepreneurship and innovation built on a strong foundation of theoretical knowledge. Program-specific courses will include Entrepreneurial Strategy, Creating & Launching New Products, Hackathon I & II and Social Innovation and Entrepreneurship.

Admission Requirements	Sample First-Year Courses
<ul style="list-style-type: none"> • Ontario Secondary School Diploma (OSSD) • Six 4U or M level courses including: <ul style="list-style-type: none"> - ENG4U - MHF4U Advanced Functions 	<ul style="list-style-type: none"> • Introduction to Innovation & Creativity • Introduction to Business • Exploring the Functions of Business • Introductory Marketing

For full course information, including prerequisites, scan QR code.

Equip Yourself

- Apply relevant theories, methodologies and critical thinking skills in solving organizational and societal problems
- Work collaboratively with teams to communicate arguments and pitch ideas effectively to a variety of audiences
- Challenge the status quo, question assumptions and embrace social change
- Learn what it takes to develop new products, establish new firms and create new markets

POSSIBLE CAREERS INCLUDE:

- Entrepreneur
- Business Consultant
- Product Developer
- Venture Capital Manager



Financial Technologies (BSc)

Faculty of Liberal Arts & Professional Studies



This program prepares you for a technology-related career in the financial sector.

Combine computing and information technology training with economics and finance education. A specially designed combination of courses will explore diverse aspects of the financial technologies industry, from AI and machine learning, financial systems design and financial cryptography, to mathematical finance, banking and payment systems, e-trading, and portfolio management. Graduate with a strong understanding of finance, information and computational technologies and the connections between the two.

Admission Requirements	Sample First-Year Courses
<ul style="list-style-type: none"> • Ontario Secondary School Diploma (OSSD) • 6 4U or M level courses including: <ul style="list-style-type: none"> - ENG4U (prerequisite) - MHF4U (prerequisite) - SBI4U or SCH4U or SPH4U (prerequisite) - MCV4U (recommended) 	<ul style="list-style-type: none"> • Applied Calculus and Statistics • Introduction to Programing for Financial Technologies • Micro- and Macroeconomics • Financial Services and Technologies (4th term)

For full course information, including prerequisites, scan QR code.

Equip Yourself

- Identify, analyze and make informed financial decisions using computation and mathematical techniques and technologies
- Develop secure, high-assurance computing and information systems for solving financial and other business problems
- Recognize and respond to innovative technologies emerging in the industry

POSSIBLE CAREERS INCLUDE:

- Financial Data Analyst
- Business/IT Analyst for the Financial Sector
- Financial Software Systems Designer/Architect
- Blockchain Specialist



Sport Management (BSM)

Faculty of Liberal Arts & Professional Studies



This business-oriented program focuses on the managerial and organizational aspects of sport.

Learn about sport innovation and entrepreneurship alongside studies in sport leadership, sport communications and community relations, sport analytics and e-sport. The experiential education component includes strategic management, marketing or finance and accounting projects. It also includes two employer and community-focused, hands-on learning opportunities. You will be introduced to creativity and innovation in the world of recreational, amateur and professional sport, and develop skills and knowledge relevant to evolving sport management practices.

Admission Requirements	Sample First-Year Courses
<ul style="list-style-type: none"> • Ontario Secondary School Diploma (OSSD) • 6 4U or M level courses including: <ul style="list-style-type: none"> - ENG4U (prerequisite) - MHF4U or MDM4U (prerequisite) 	<ul style="list-style-type: none"> • Introduction to Sport Management • Sport in Society • Sport and Psychology

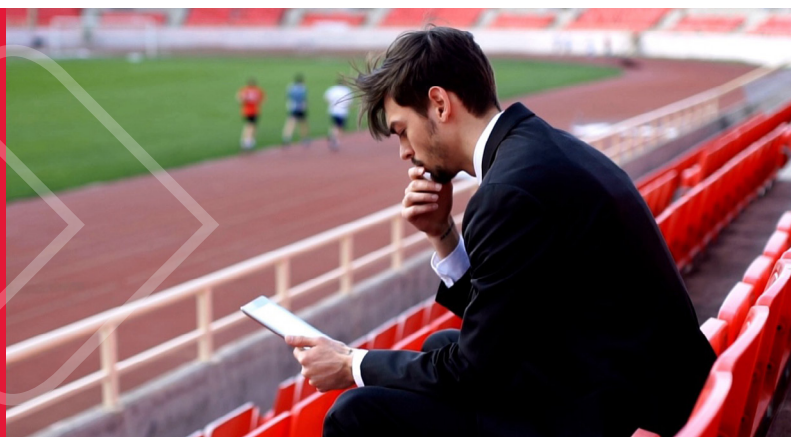
For full course information, including prerequisites, scan QR code.

Equip Yourself

- Gain foundational knowledge of sport management as a profession
- Lead sport innovation and change initiatives in recreational, amateur and professional sports
- Draw on sport management fundamentals, including legal, economic, financial, sociological and psychological insights, to respond to industry challenges

POSSIBLE CAREERS INCLUDE:

- Professional Sports Management
- Athletic Director
- Recreational Program Administration
- Sport Entrepreneurship



First Year Engineering Core Program



Lassonde School of Engineering

Students in Engineering begin their studies with a foundational common first year. The first year courses in applied mathematics, physical sciences, programming, and engineering (design, ethics, and communication) provide a strong base for branching out into the engineering majors.

The first year program allows you to explore various engineering majors before committing for the second year. At Lassonde, we believe this approach helps you discover your passions and find your fit.

You can decide on your major during your first year or complete our optional Boost co-application by designated deadlines to secure an Engineering Program Guarantee, ensuring a reserved space in your chosen engineering major.

First year Engineering students at Markham Campus take the same courses as those at Keele Campus while benefiting from smaller class sizes, brand-new facilities, and access to the diverse Markham community. You also get the unique opportunity to experience two York campuses: after completing the first year at Markham, you will continue your degree at Keele Campus.

Admission Requirements	Sample First-Year Courses
<ul style="list-style-type: none"> • Ontario Secondary School Diploma (OSSD) • 6 4U or M level courses including: <ul style="list-style-type: none"> - ENG4U (prerequisite) - MHF4U (prerequisite) - MCV4U (prerequisite) - SCH4U (prerequisite) - SPH4U (prerequisite) • No prerequisite courses below 70% 	<ul style="list-style-type: none"> • Chemistry and Materials Science for Engineers • Computational Thinking Through Mechatronics • Object-Oriented Programming from Sensors to Actuators • Discrete Mathematics for Engineers

For full course information, including prerequisites, scan QR code.

York Engineering programs allow you to build the core skills of an engineer while sampling the variety of disciplines we offer.



First Year Science Program



Faculty of Science

Begin your journey in this unique learning environment that emphasizes the first year experience and positions you for success throughout your studies.

Whether you have a specific career path in mind or simply want to explore science in your first year, you will benefit from the Markham Campus' innovative design, which allows transdisciplinary collaboration and intimate class settings. Experience inventive course design, state-of-the-art learning environments, adaptable learning options, and invaluable interaction with professors.

During your first year, you will have personalized advising sessions with dedicated academic teams who can help you develop your future goals and have an exciting transition to the Keele Campus in your second year. By the completion of this program, you will fulfill all first year requirements for various programs available at the Keele Campus, including Life Sciences (Biology, Biomedical Science, Biotechnology) and Chemical Sciences (Biochemistry, Chemistry). From your second year, you will move to the Keele Campus to fulfill your specific degree requirements for the program of your choice and enhance your career prospects through a range of experiential education possibilities, such as co-ops and internships, among others.

Admission Requirements	Sample First-Year Courses
<ul style="list-style-type: none"> • Ontario Secondary School Diploma (OSSD) • 6 4U or M level courses including: <ul style="list-style-type: none"> - ENG4U (prerequisite) - MHF4U (prerequisite) - SBI4U or SCH4U or SPH4U (prerequisite) • No prerequisite courses below 70% 	<ul style="list-style-type: none"> • Evolution, Ecology, Biodiversity & Conservation • Chemical Structure • Mathematics for Biological and Health Sciences • Physics with Life Science Applications • Fundamentals of Computer Use

For full course information, including prerequisites, scan QR code.

The Faculty of Science is designed to equip students with the scientific thinking mindset that is essential to any career or academic path.



Graduate Programs



Master of Public Policy, Administration and Law (MPPAL - Municipal Government)



Faculty of Graduate Studies

Learn about the ongoing resource constraints and other challenges that municipalities confront, and how municipal and regional governments, related boards and agencies, and non-profit organizations are delivering services and responding to community needs and calls for accountability. In addition to core modules (see below), the new Topics in Public Policy course focuses on pressing topics in local and regional governance relevant to the municipal sector.

Equip Yourself

- Understand the environment in which local government operates
- Develop a critical understanding of municipal policy, processes and governance
- Grasp the interplay of municipal, regional, provincial and federal governments
- Create evidence-based public policy decisions

What to Expect

- You move through three core modules, with nine credits in each:
 - Public Management and Finance
 - Law, Administration and Ethics
 - Public Policy and Analysis
- For the last module, choose between completing a research paper or a public policy issue and development topics course



Program-Specific Admission Requirements

- **Honours bachelor's degree**
- **Work experience in a relevant public sector management, administrative or supervisory position (minimum years of experience vary depending on grade point average and full-time/part-time study)**

For full course information, including prerequisites, scan QR code.



Master of Science in Management Practice (MScMP)



Faculty of Graduate Studies

Develop a robust understanding of management practices rooted in applied research and analysis that inform evidence-based decision making. As a future leader, you'll get ahead of the competition by putting data to a better use through the most up-to-date research and analytical methods to efficiently run an organization.

Equip Yourself

- Identify key methods of qualitative and quantitative research, data collection and analysis to improve an organization's performance
- Apply relevant theories, methodologies and critical thinking skills to identify and solve organizational/management problems
- Identify sources of information and data best suited to informing managerial decisions and understanding the ethics of using personal data for research

What to Expect

- The program offers one admission point in the fall, and the program can be completed within three terms (one year)
- In the first term, you'll take two mandatory foundational courses, and the third can be within your area of focus
- Final program milestone can be completed as a major research paper or applied research project
- A research seminar featuring industry speakers will guide you through your research project

Program-Specific Admission Requirements	Sample Courses	Degree Specializations
<ul style="list-style-type: none"> • A business or management degree with a GPA of B or higher • A personal statement of research and professional plans • Supplementary forms 	<ul style="list-style-type: none"> • Quantitative Research Methods • Qualitative Research Methods • Specialized courses in your focus area 	<ul style="list-style-type: none"> • Applied Marketing Research • Applied Accounting Research • Supply Chain Management • Entrepreneurship and Innovation (Est. Fall 2026) • Managing Professionals (Est. Fall 2026)

Tuition Funding: Funded program for full-time domestic students (fully covers tuition+)

For full course information, including prerequisites, scan QR code.

As a Future leader, you'll get ahead of the competition by putting data to better use through the most up-to-date research and analytical methods to efficiently run an organization.



Graduate Diploma in Management (GDM)



Faculty of Graduate Studies

Don't have a business background? The Graduate Diploma in Management is for you. Open to all students with an undergraduate degree in a field other than business, management, commerce or a closely related field, this program introduces you to major areas in management.

You'll develop a robust understanding of organizational theory, marketing, accounting, finance, operations management, management information systems, organizational behaviour and law. You'll hone your new-found skills and knowledge in a capstone course addressing real-life organizational problems.

With a GDM, non-business graduates and graduates from international institutions can stream seamlessly into the Master of Science in Management Program.

Equip Yourself

- Understand major fields of management and how they advance organizational goals
- Support your decisions with relevant data
- Contribute and add value within six months of starting a managerial position

What to Expect

- Complete your graduate diploma in two semesters
- Classes are offered on weekday afternoons and evenings
- In the first semester, students take six functional modules, 1.5 credits each
- The second semester consists of two functional modules followed by an experiential learning capstone course

Program-Specific Admission Requirements	Sample Courses	Diploma Specializations
<ul style="list-style-type: none"> • Honours undergraduate degree • At least a B standing in the final two years of full-time equivalent study 	<ul style="list-style-type: none"> • Manufacturing and Service Operations Management • Principles of Marketing Management • Law and Corporate Governance • Management Information Systems 	<ul style="list-style-type: none"> • Business Management • Not-for-Profit/ Public Sector Management

For full course information, including prerequisites, scan QR code.



Develop a robust understanding of the field of management and key skills required in managing an organization without the requirement of a business background.

Master of Biotechnology Management (MBM)



Faculty of Graduate Studies

Graduate with two credentials – a Master’s of Biotechnology Management and a Graduate Diploma in Management – and position yourself to make immediate contributions to the growing Canadian biotechnology industry. This one-of-a-kind program in Canada provides training in practical biotechnology theories, skills and practices; a graduate education in management; and a paid work-placement(s).

Equip Yourself

- Describe the fundamental role of biotechnology in a management context and integrate management competencies in a biotech industry context
- Evaluate – ethically, politically and socially – the implications and potential limitations of biotechnology practices, their alternatives and industry developments and trends
- Advance organizational goals by applying management practices and theories essential to successful decision-making
- Analyze the Canadian biotechnology drug development process, standard operating procedures, regulations, clinical trials, packaging and labeling, regulatory compliance, good manufacturing practice and clinical research

What to Expect

- Complete your graduate degree in less than two years (16 to 20 months)
- Develop knowledge and skills in biotechnology and management in the first two semesters, followed by two to three work placement semesters with minimum course loads so that you can foster relationships within the industry and with potential employers
- The final year includes an integrative Biotechnology and Management capstone course
- By graduating with two credentials, you will be positioned to make immediate contributions to the growing Canadian biotechnology industry.

Program-Specific Admission Requirements	Sample Courses
<ul style="list-style-type: none"> • Bachelor of Science degree in Biology, Biological Sciences, Biotechnology, Life Science or related discipline • Graduates with other science degrees or three-year degrees may also be admitted with at least one year of post-graduation work experience in a sector relevant to the program 	<ul style="list-style-type: none"> • Research and Development in Biotechnology • Laboratory Skills in Biotechnology

For full course information, including prerequisites, scan QR code.

Your studies culminate in an interdisciplinary capstone course integrating biotechnology and management skills and knowledge.



Graduate Diploma in Biotechnology (GDB)



Faculty of Graduate Studies

Gain a clear understanding of current practice and advancements in the Biotechnology sector. This stand-alone graduate diploma will enhance and sharpen the knowledge and skills you developed in your biology undergraduate degree.

Equip Yourself

- Describe the fundamental role of biotechnology in science and in the Canadian biotech industry
- Evaluate – ethically, politically and socially – the implications and potential limitations of biotechnology practices, their alternatives and industry developments and trends
- Analyze the Canadian biotechnology drug development process, standard operating procedures, regulations, clinical trials, packaging and labelling, regulatory compliance, good manufacturing practice and clinical research



What to Expect

- The program is full-time
- Students complete five three-credit courses over a period of two terms (eight months)
- Industry-centered courses allowing for student networking with the biotechnology sector

Program-Specific Admission Requirements	Sample Courses
<ul style="list-style-type: none"> • Bachelor of Science degree in Biology, Biological Sciences, Biotechnology, Life Science or related discipline 	<ul style="list-style-type: none"> • Introduction to Biotechnology Practice • Science Communication and Writing • Data Analysis, Product Development and Commercialization in Biotechnology

For full course information, including prerequisites, scan QR code.

Add to the knowledge and skills developed in your related Biology undergraduate degree through this diploma focused on the Biotechnology practice in the Canadian private sector.

Study, Learn, Explore – Fostering Research and Knowledge

The library at Markham is the heart of the campus. It is where you will find your course readings, but it offers so much more. It is a dynamic space that provides a quiet place to read and study, and a technology-rich space that encourages experimentation and creativity, whether your interests are sewing, 3D sculpting, multimedia creation, or anything in between. Regardless of your interests, you will have access to tools and expertise to help you navigate whatever path you choose to pursue and to bring your coursework and interests to life. Crack open a book, start a sewing project, record a podcast – it's your library!

Markham Campus Libraries

The Markham Library gives you access to a diverse collection of physical, electronic and digital resources. Can't find what you're looking for? Expand your search to other York University libraries and libraries across Ontario through our speedy and reliable request and pick up service. Need help with your research? Connect with our Markham research help team who can assist you with your research, either in-person or online. While in the library, take advantage of differentiated study spaces, including dedicated quiet zones, group study rooms, and mixed-use collaborative spaces.



Media Creation

The Library Media Creation Spaces are sites for learning, research, and creation. We offer audio and video recording and editing equipment, sound attenuated studio spaces with specialized lighting, and media production workstations. You can use this technology to complete course assignments or personal projects by learning about and producing podcasts, videos, digital storytelling, and journaling.



MakerSpace

The Library MakerSpace Welcomes students of all skill-levels to experiment, prototype and transform their concepts into reality. Equipped with 3D printers, sewing machines, electronics, microcontrollers, a CNC mill, and a laser cutter, it's the perfect place to learn new skills and connect with makers across all Faculties. The Library also supports research partnerships with campus and community stakeholders. Drop by and our knowledgeable team will help get you started on projects for coursework, research, or just fun and exploration.



Gaming, VR and Visualization

The Gaming and Visualization space is equipped with virtual reality headsets, a visualization wall, and gaming hardware and software. The wall-sized screen enables you to visualize data, learn and navigate complex software environments, and model intricate structures in the physical and life sciences. The gaming functionality of this space allows you to explore the uses of gaming technologies to support your coursework or research.

Markham Campus Facilities – 5 Knock-out Features



Modern and accessible
common areas



Ten floors of teaching
and learning spaces



A multi-faith, and Indigenous
learning circle and enhanced
accessibility features



Unique classrooms featuring
state-of-the-art technology



Media creation spaces,
makerspace and a virtual
reality and gaming Lab



Make Yourself at Home

York University has partnered with 4stay, a student housing organization, to provide Markham Campus students with a local living option that is affordable and close to campus. The residence will be located a block west of Markham Campus in downtown Markham suites. York's Residence Life team works diligently to create a supportive community experience with amazing opportunities to make friends from around the world while you learn and succeed together. go.yorku.ca/housing



Off-Campus Housing:

Explore alternative housing options through listings, roommate boards and renter resources at go.yorku.ca/off-campus

Admission Requirements

For reference to Grade 12 secondary school course requirements and equivalencies for all schools and programs outside of Ontario, including all Canadian provinces and territories, and all recognized international curriculums, visit

go.yorku.ca/requirements

York Scholarship and Awards

Your education is an exciting and important investment. We look forward to celebrating your achievements and supporting your success with a variety of financial awards. Some York University scholarships are automatically awarded, while others require an application. View details and a full list of awards at go.yorku.ca/scholarships

Markham Campus Awards and Scholarships

Markham Campus supports and encourages student excellence. We offer a number of awards and scholarships to Markham Campus students and are always adding to the list. To find out more enter "Markham Campus" in the "Award Name/Description" field at sfs.yorku.ca/scholarships/award-search

Student Experience – Built for Community

The Markham Campus will accommodate up to 4,200 students in spaces deliberately designed to encourage collaboration among students, Faculties and programs. Our campus offers exciting opportunities to shape an intimate, interactive and supportive community while retaining connections with, and easy access to, the larger multi-campus York network. York's inter-campus shuttle service is free.

Designed for Wellbeing

The campus common – a large, landscaped open space – incorporates significant greenery to create a tranquil and vibrant ambience. It serves as an informal, outdoor assembly space and focal point for bringing people together to exchange ideas and make new friendships.



Recognized for Sustainability

Our campus is designed and constructed to meet independent, third-party Leadership in Energy and Environmental Design (LEED) Gold certification recognizing the sustainability of our design, construction, operations and management.



At Ease with Being Green

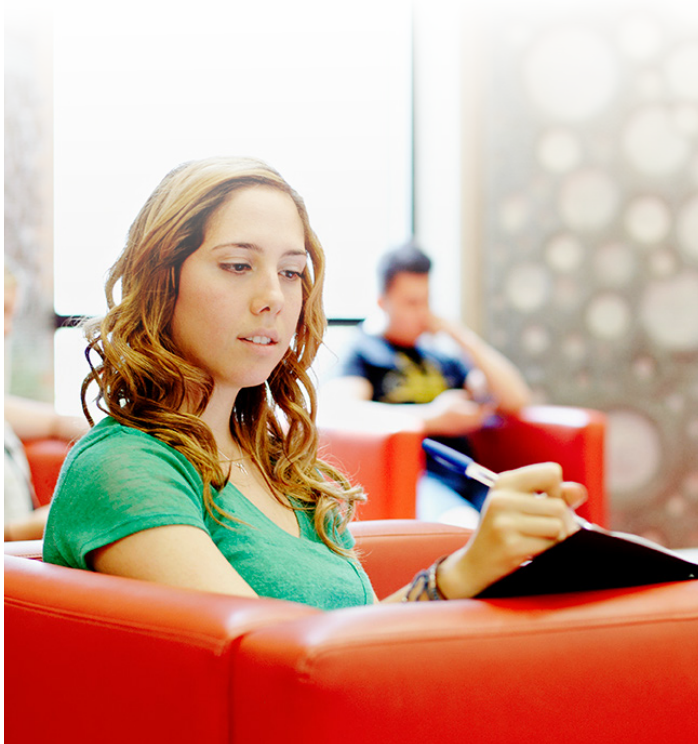
Constructed to maximize natural light, open spaces and sinuous curves, our main building is as easy on your eye as it is on the environment. Four levels feature green roofs visible from higher floors. Interiors are outfitted with low-emitting, sustainable materials and furnishings as well as low-mercury lighting and high-performance window glazing. Forest Stewardship Council (FSC) certified wood, salvaged and recycled materials and natural stone are used throughout.



Metropia Student Success Centre

Centre Yourself

Supporting your academic and personal success is our only focus in the Metropia Student Success Centre. This energetic hub for all students, supports and services at Markham Campus is dedicated to helping you realize your full intellectual, personal and career potential.



Get Access

The Metropia Student Success Centre will give you access to the student success and academic advising office, a multipurpose wellness studio and spaces for academic success, accessibility services, mentoring and counselling. Student life spaces will allow you to engage with student government, join student clubs and organizations and collaborate with others to plan events on campus and within the community.



Student Success and Academic Advising Tailored to Your Needs



Markham Campus takes a uniquely integrated and personalized approach to helping students succeed.

Each student will have a Student Success & Academic Advisor for the duration of their studies who will work with them to develop and achieve career goals and educational plans. Advisors will help students stay on track and refer to other supports and services within the Metropia Student Success Centre and beyond to maximize their success and engagement.



Markham and York Region

Markham Campus is a special community rooted in a special place — Markham, York Region. An exceptionally vibrant and dynamic city, Markham is Canada’s most diverse city, embedded in a region some 230 distinct ethnicities call home. Almost 80 per cent of Markham’s population identifies as a visible minority.

The diversity of its population is matched by the diversity of its economic base. Over 1,500 technology and life science companies thrive in Markham. Markham Campus welcomes students from near and far. York Region students can now study at a local campus easily accessed by transit. Students from away can look forward to joining an open-minded, enquiring cohort of positive changemakers embedded in one of the most dynamic urban settings in Canada. All students benefit from the Markham Campus difference — a focus on experiential education based on collaboration with local employers, start-ups and community partners. The roots of a Markham Campus education are nourished by the community that surrounds us.



Markham: A place for opportunities and growth

10,800+
companies
operate in Markham

One of Canada’s
**growing tech
hubs**

Home to **1,500+**
technology and life
science companies

**Canada’s most
diverse city***

*2016 Census, Statistics Canada

“York University is an innovative academic leader with a global reputation for excellence, and the new campus in Markham Centre reinforces Markham’s position as a hub for talent and a highly educated workforce. We cannot wait to open the doors. It will be a game changer for Markham and beyond”

Frank Scarpitti
Mayor of the City of Markham





Amazing things happen when diverse communities work together to tackle world issues. When York students apply their knowledge, they have the power to make things right. Join us in creating positive change. yorku.ca/rightthefuture

RIGHT
THE 
FUTURE™

York University strives to ensure the completeness and accuracy of information contained in this publication. However, the University reserves the right to change any of the information at any time without notice.

The Future Of Learning Has Arrived

Challenging the traditions of what a university campus can offer, York University's Markham Campus will serve as a unique meeting place for students to interact directly with employers, start-up companies and community partners from across the region. Students attending Markham Campus will have the exciting opportunity to shape the student experience and pave the way for future changemakers.

**Connect your future to ours.
Apply now for Fall 2025.**



Stay connected with us!

Scan the QR code to receive more information about York University Markham Campus programs.

Learn more at yorku.ca/markham

 [@YorkU_Markham](https://twitter.com/YorkU_Markham)

 [@yorkumarkham](https://www.instagram.com/yorkumarkham)

 [@yorkumarkham](https://www.facebook.com/yorkumarkham)

 [York University Markham Campus](https://www.linkedin.com/company/york-university-markham-campus)

