

## Actuarial Science Program at York University

Are you fascinated by numbers and how they can predict the future? Actuarial Science might be the perfect fit for you! This exciting field started way back in the late 17th century when people needed reliable ways to manage long-term financial risks like life insurance and pensions. Actuaries have since become experts in using mathematics and statistics, among other disciplines, to assess the value of future financial obligations and manage risks in areas like insurance, pensions, banking, hedge funds, and even national and international social programs, including programs within the United Nations.

At York University, our Actuarial Science program is ahead of the curve. We combine the latest advancements in data science, behavioural studies, as well as financial and non-financial risk management to offer a cutting-edge education that prepares you for the challenges of tomorrow. This innovative approach means you'll not only learn traditional risk assessment techniques but also explore emerging fields such as climate risk management. Join us and get ready to make a real impact on the world by helping businesses and communities navigate the uncertainties of the future.

**Outlook:** The actuarial profession is an exciting and rewarding career path, consistently recognized for its outstanding job prospects and benefits. In the 2024 U.S. News Best Job Rankings, actuaries were celebrated as one of the top professions, ranking 3rd in Best Business Jobs, 8th in Best STEM Jobs, and 9th among the 100 Best Jobs. This acclaim reflects the exceptional work-life balance, significant positive impact on society, and high earning potential that come with being an actuary.

Actuaries are in demand across a wide range of industries, including insurance, finance, healthcare, consulting, banking, and risk management. Their expertise is also highly valued in emerging fields like data science, predictive modeling, and high-tech industries. With a strong focus on using mathematical and statistical methods to assess and manage risk, actuaries play a crucial role in helping businesses and communities make informed decisions.

The future looks even brighter for aspiring actuaries. The U.S. Bureau of Labor Statistics projects a remarkable 23.2% growth in the number of actuaries from 2022 to 2032, significantly outpacing the average for all occupations. This robust job growth, combined with historically low unemployment rates, ensures a secure and prosperous career.

At York University, our Actuarial Science program equips you with the cutting-edge skills and knowledge needed to thrive in this dynamic field. By integrating the latest advancements in data science, behavioural studies, and risk management, we prepare you to tackle the challenges of tomorrow and make a meaningful impact on the world.

Choose Actuarial Science and embark on a path to a fulfilling and impactful career, where your analytical talents will be highly valued and your opportunities for growth and success are limitless.

**Why choose us:** Choosing York University's Actuarial Science program means embarking on a journey filled with exceptional opportunities and unparalleled support. Here's why you should consider us for your actuarial education:

1. Expert Instruction by Accredited Actuaries and Insurance and Risk Management Executives: Our courses are taught by highly qualified, accredited actuaries and executives from the Insurance and Risk Management Industry, who bring real-world experience and insights into the classroom. You'll learn from professionals who are deeply involved in the industry and committed to your success.
2. Work-Integrated Learning Opportunities: We provide ample opportunities for hands-on learning through internships and other work-integrated experiences. These opportunities allow you to apply your knowledge in real-world settings, build your professional network, and gain valuable experience that sets you apart in the job market.
3. Active Actuarial Student Club: Our vibrant and active actuarial student club offers a supportive community where you can connect with peers, participate in industry events, and develop leadership skills. The club co-hosts workshops, networking events, and guest lectures, enriching your educational experience and helping you build a strong professional foundation.
4. Cutting-Edge Education: We combine the latest advancements in data science, behavioral studies, and risk management to offer a cutting-edge education. This innovative approach ensures you are well-prepared to tackle emerging challenges in the actuarial field, such as climate risk management and predictive modeling.
5. Outstanding Career Prospects: The actuarial profession is consistently ranked among the best jobs for its exceptional work-life balance, high earning potential, and significant positive impact on society. With a projected 23.2% job growth from 2022 to 2032, your future as an actuary is both secure and promising.
6. Holistic Development: Our program not only focuses on academic excellence but also emphasizes your overall development. Through various extracurricular activities and industry engagement, we ensure you graduate as a well-rounded professional ready to make a meaningful impact.

Join York University's Actuarial Science program and take the first step towards a fulfilling and impactful career. With our expert faculty, extensive work-integrated learning opportunities, and a supportive student community, you'll be well-equipped to excel in the dynamic and rewarding field of actuarial science.