










# Your Path To Success

Mathematics (BA, iBA) | [www.glendon.yorku.ca/mathematics](http://www.glendon.yorku.ca/mathematics)

|  | First Year   | Middle Years  | Final Year  | Other Skills You'll Earn   |
|--|--|---|---|--|
|  <b>Academics</b>   | <ul style="list-style-type: none"> <li>Attend an enrolment-planning workshop with the Academic Advising team</li> <li>Consult the <a href="#">Academic Calendar</a></li> <li>Every year, meet with a faculty member of the Math Dept to review your progress</li> <li>Visit our <a href="#">language-learning support</a> centres</li> </ul>                                     | <ul style="list-style-type: none"> <li>Expand your knowledge to modern algebra and calculus of functions of several variables</li> <li>Apply algebra and calculus in <i>Differential Equations</i> and <i>Optimization</i></li> <li>Take statistics and/or mathematics of investment and work on case studies</li> <li>Request a progress report and meet with your academic advisor</li> </ul>                                 | <ul style="list-style-type: none"> <li>Time for real or complex analysis!</li> <li>Plan for your bilingual or trilingual certification; apply for the exam</li> <li>Get your degree audit</li> <li>Apply to graduate</li> </ul>   | <ul style="list-style-type: none"> <li>Critically analyze problems</li> <li>Think creatively</li> <li>Clearly explain complex ideas, and apply complex theoretical concepts to everyday situations</li> <li>Interpret and analyze information assess whether an idea/argument/proof is sound</li> <li>Gain logical thinking skills</li> <li>Acquire an understanding of fundamental mathematical concepts</li> </ul> |
|  <b>Get Involved</b>  | <ul style="list-style-type: none"> <li>Participate in orientation activities like JumpStart and Frosh Week</li> <li>Join Club Infinity, York University's official math club</li> <li>Visit the <a href="#">Salon francophone</a> or <a href="#">ESL Open Learning Centre</a></li> <li>Meet the Student Life Coordinator</li> </ul>  | <ul style="list-style-type: none"> <li>Become a Peer Mentor</li> <li>Join the Student Union and develop your leadership skills</li> <li>Represent students' voices in university governance and/or committees</li> </ul>  | <ul style="list-style-type: none"> <li>Spread the word about clubs, organizations and events you have enjoyed and have helped you get connected on campus</li> <li>Become a Glendon Ambassador</li> <li>Tutor students taking introductory math classes</li> </ul>  |  |
|  <b>Gain Experience</b>   | <ul style="list-style-type: none"> <li>Contact the <a href="#">Experiential Education office</a> to find opportunities</li> <li>Develop your digital media skills at the <a href="#">Glendon Digital Media Lab</a></li> <li>Learn to articulate the skills you have developed through Becoming YU</li> <li>Enrol in Mathematics of Investment to work on case studies</li> </ul> | <ul style="list-style-type: none"> <li>Apply to the Research Apprenticeship Program</li> <li>Pursue your passion project in <a href="#">G21</a>, <a href="#">Glendon's inquiry-based incubator</a>, or <a href="#">GENIAL</a>, Glendon's business incubator for francophone and bilingual startups</li> <li>Work on projects in <i>Differential Equations</i> and <i>Optimization</i> with applications to economics</li> </ul> | <ul style="list-style-type: none"> <li>Work on practical challenges by enrolling in the <a href="#">Cross-Campus Capstone Classroom (C4)</a></li> <li>Do a work placement in an elective course</li> </ul>  |  |
|  <b>Think Globally</b>  | <ul style="list-style-type: none"> <li>Learn another language – 20 languages are taught at Glendon and Keele Campuses, including French, Spanish and Ojibwe!</li> <li>Develop your intercultural skills</li> </ul>   | <ul style="list-style-type: none"> <li>Consider an exchange abroad or with one of our partner universities in Quebec</li> <li>Enrol in <i>Le français par l'expérience</i> to expand your knowledge of French and francophone culture by doing a work placement</li> </ul>  | <ul style="list-style-type: none"> <li>Volunteer with organizations that have a focus on international issues or diversity in Canada</li> <li>Attend the <a href="#">Glendon Global debates</a></li> </ul>  |  |
|  <b>Plan Your Future</b>  | <ul style="list-style-type: none"> <li>Build your transferable skills by participating in workshops about skills and career development</li> </ul>   | <ul style="list-style-type: none"> <li>Explore career options and learn more about the skills required</li> <li>Discover career opportunities by connecting with alumni</li> <li>Book an appointment with the Career Centre to start working on your resumé, cover letters and interview skills</li> </ul>  | <ul style="list-style-type: none"> <li>Attend Glendon's Bilingual Job Fair and networking events</li> <li>Use the Career Centre to enhance your resumé and LinkedIn profile; learn new job search techniques</li> <li>Attend a workshop on grad school applications</li> <li>Join a professional association in your field</li> </ul> |  |
| <b>Admission Requirements</b>  |  |   |   |  |
| <ul style="list-style-type: none"> <li>Ontario Secondary School Diploma or equivalent with an average* in the mid to high 70s</li> <li>Minimum of six 4U or 4M courses, including 4U English (ENG4U) or FRA4U</li> <li>A combination of U and M courses; OACs are accepted</li> <li>MHF4U required; MCV4U recommended</li> <li>Proficiency in English <b>OR</b> French</li> </ul> <p>* Average is calculated based on the top six 4U; 4M or DU courses</p>   |  |   |   |  |
| <b>Get In Touch</b>  |  |   |   |  |
| <p>Domestic students:<br/> <a href="mailto:liaison@glendon.yorku.ca">liaison@glendon.yorku.ca</a></p> <p>International students:<br/> <a href="mailto:international@glendon.yorku.ca">international@glendon.yorku.ca</a></p> <p>Attend one of our <a href="#">events</a>!</p> <p>           GlendonCampus     </p> |  |   |   |  |