Mathematicians discover and study structures that are fascinating in themselves and that have a surprising ability to help us make sense of many facets of the world: the physical, the biological, the economic, the artistic, the psychological, and the philosophical. By designing and analyzing mathematical models, we increase our understanding of natural processes and human events.

ALUMNI JOBS

- 7% of alumni work in GOVERNMENT
- 10% of alumni work in TECHNOLOGY
- 17% of alumni work in BANKING, INVESTMENT & INSURANCE
- 33% of alumni work in EDUCATION

Rhodes Scholar Nithum Thain completed his BScH in Math, scoring a perfect GPA while being the captain of the fencing team at Queen's, where he won two provincial gold medals. He has enjoyed a wide range of professional opportunities – starting off at Empire Avenue as the VP of Research, working on the algorithms that ran their online gaming platform, and followed by working as a Business Development Analyst at createLIVE.

2018-19 thresholds

0.7 cGPA AUTOMATIC ACCEPTANCE min C in MATH 1##

OPEN PENDING LIST

*Thresholds are made on a competitive basis and are updated annually. For the latest information please visit: QUarts.com
MATHEMATICS MAJOR MAP

1ST YEAR
- In first year you will have the chance to explore the foundations of Mathematics along with some electives.
- Attend Majors Night in the Winter term to learn more about Plan options.

2ND YEAR
- Start going deeper into the discipline of Mathematics, while considering a minor and/or certificate such as Entrepreneurship, Innovation and Creativity. Attend UofG Connect in the Fall term to learn more about Certificates and Internship options.
- Want to make sure your academics are where you want them to be? Visit SASS (Student Academic Support Services) and the Writing Centre for some help.

3RD YEAR
- A chance to start grouping courses in areas of interest, or to keep it more general and explore many areas of Mathematics. Meet with an Academic Advisor to make sure you are on track and have planned out your courses for next year — for some ideas, see the back page.

4TH OR FINAL YEAR
- In fourth year you will have the chance to participate in research-based courses that can lead to Graduate School or to your future career path. Make sure to finish up all your courses for your major and your optional minor and/or certificate(s).

GET THE COURSES YOU NEED

GET RELEVANT EXPERIENCE
- Join teams or clubs on campus such as the Queen’s Math Club, Putnam team, and the Math Investigations Program.
- Look into summer jobs by talking to the dept. or Career Services about work through SWEET or NSERC.
- Consider applying to do a 12-16 month QUIP internship between your third and fourth year.

GET CONNECTED WITH THE COMMUNITY
- Volunteer on or off campus with different community organizations such as Best Buddies.
- Get involved with the Mathematics and Statistics Departmental Student Council (DSC).
- Do targeted networking with alumni working in careers of interest by joining the LinkedIn group Queen’s Connects.

GET THINKING GLOBALLY
- Prepare for work or studies in a multi-cultural environment by taking QUIC’s Intercultural Competency Certificate, and research possible immigration regulations.
- Is an exchange in your future? Start thinking about where you would like to study abroad. Apply in January for a third year exchange through the International Programs Office.
- Build your intercultural competence by getting involved with other cultures or by practicing or improving your language skills.

GET READY FOR LIFE AFTER GRADUATION
- Grappling with program decisions? Go to Majors Night or get some help wondering about career options from Career Services.
- Explore different careers of interest by reading books in the Career Services Career Advising and Resource Area, such as the Great Jobs for Math Majors. For more information check out Career Cruising or by finding and connecting with alums on LinkedIn.

C O N S I D E R A 1 2 - 1 6 M O N T H QUIP INTERNSHIP
- Investigate requirements for full-time jobs or other opportunities related to careers of interest. Assess what experience you’re lacking and fill in gaps with volunteering, clubs, or internships — check out the Career Services skills workshop for help.
- Consider submitting your work to an undergraduate journal like Inquiry@Queen’s.

WHAT WILL I LEARN?
- A degree in Math can equip you with valuable and versatile skills, such as:
  - Logical reasoning and problem solving to apply analytical and critical reasoning to solve problems
  - Ability to solve problems by applying analytical and critical reasoning
  - Understand strong evidence to produce trustworthy data and produce mathematical evidence for conjectures and generalizations
  - Knowledge of a broad range of mathematical fields and methods

WHERE CAN I GO?
- A degree in Math can take your career in many directions. Many students choose to continue their academic inquiry with a Master’s. Our students are equipped with a strong foundation for careers in:
  - Accounting
  - Actuarial
  - Banking
  - Cryptanalyst
  - Data scientist
  - Financial analysis
  - Mathematician
  - Risk analyst
  - Survey researcher

- Taking time to explore career options, build experience and network can help you have a smooth transition to the world of work after graduation.