



B.A. MATHEMATICS – M.A. APPLIED AND COMPUTATIONAL MATHEMATICS PATHWAY

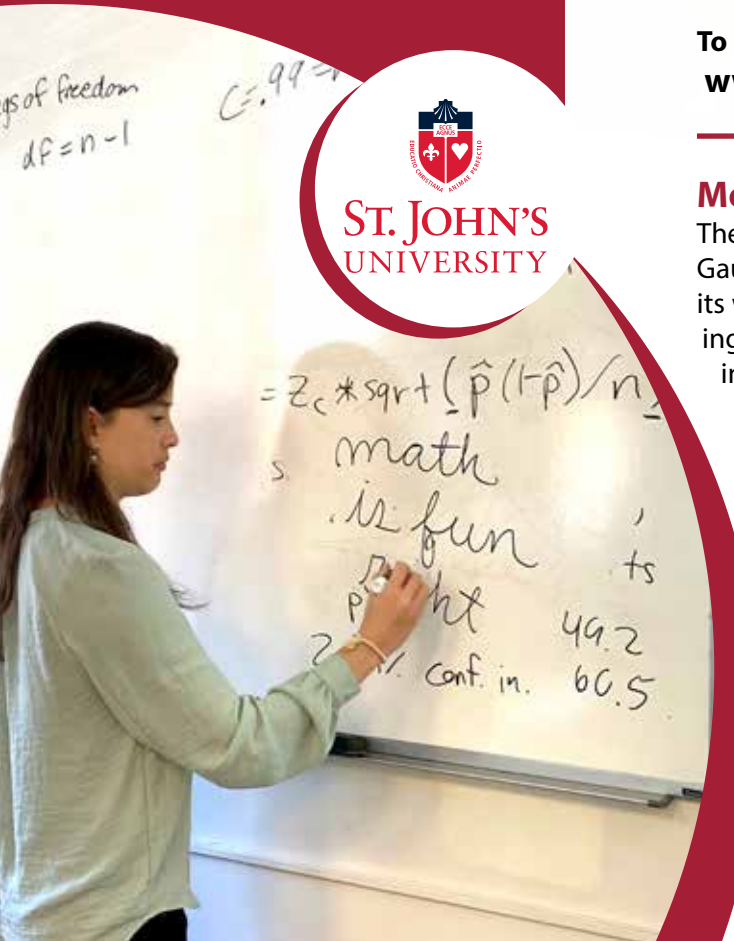
Molloy College/
St. John's University
**Arts & Sciences
Accelerated
Pathways
(ASAP)**

Be Career-Ready in Five Years

Earn a B.A. in Mathematics and an M.A. in Applied and Computational Mathematics in this five-year degree program. The School of Arts and Sciences at Molloy College and the St. John's University College of Liberal Arts and Sciences have teamed up to form an alliance that permits Molloy students to earn their Bachelor's degree from Molloy College and their Master's degree from St. John's University in an accelerated fashion.

As undergraduates, students will experience the personalized attention, affordable tuition and rewarding internships that Molloy College offers while preparing for an exciting graduate degree program at St. John's University.

To learn how it works—go to:
www.molloy.edu/pathways



Molloy College B.A. Mathematics Program

The well-known 19th century German mathematician Carl Friedrich Gauss once called mathematics "the queen of sciences" because of its way of uncovering the nature of the universe. From understanding the stars in the sky to using our mobile devices, mathematics is in everything that we do. At Molloy College, we offer exceptional opportunities for study and research in mathematics at the undergraduate level. With a Bachelor of Arts in Mathematics, you will gain a set of analytical and conceptual problem-solving tools that can be used in science, technology, business, education and mathematics itself. Our faculty will steer you through a wide range of courses to provide a solid foundation of mathematical thinking for a successful career.

For more information visit:
<https://www.molloy.edu/academics/undergraduate-programs/math-and-computer-studies>

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**FOR MORE INFORMATION
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www.molloy.edu/pathways



**ST. JOHN'S
UNIVERSITY**

St. John's University M.A. Applied and Computational Mathematics

Through the 33-credit M.A. in Applied and Computational Mathematics program, computer programs are used to solve real-world mathematical problems. You develop and analyze mathematical models of physical and biological phenomena and engineering systems, interpret the solutions of these problems in the context of what they model, and use the results to identify relationships, patterns, and the effects of altering one or more variables or modeling assumptions.

The M.A. in Applied and Computational Mathematics is a versatile and in-demand degree for employment. Effective use of advanced applied mathematical techniques has become increasingly important in industrial, business, and scientific settings, which rely on sophisticated software to solve complex problems. The ability to construct and analyze specific mathematical models, and develop and efficiently execute computational mathematical algorithms, is needed in virtually any field.

Once you graduate with your M.A., you are able to pursue further doctoral study in mathematics or find immediate employment related to high-growth fields such as materials science; data mining and data privacy; computer animation and digital imagery; finance and economics; ecology; systems biology; climatology; and epidemiology.

For more information visit:

**[https://www.stjohns.edu/academics/programs/
applied-and-computational-mathematics-master-arts](https://www.stjohns.edu/academics/programs/applied-and-computational-mathematics-master-arts)**

