



**ST. JOHN'S  
UNIVERSITY**

ST. JOHN'S COLLEGE OF  
LIBERAL ARTS AND SCIENCES

# Bachelor of Arts (B.A.) and Bachelor of Science (B.S.) in Mathematics

## ABOUT THE B.A. AND B.S. IN MATHEMATICS

In today's computer-driven world, professionals with a mathematics background are in high demand in just about every sector of the economy. They teach, assess financial risk, measure and interpret data, and find creative applications for innovative technology. Their work is also vital to ensuring the safety of computer systems, developing government policies and budgets, and even helping to sustain the environment. Mathematicians use their critical thinking and analytical skills to find practical solutions to real-world problems.

The B.A. and B.S. degrees in Mathematics at St. John's University offer a solid foundation in the knowledge and skills that underlie the discipline, as well as a range of courses in both pure and applied mathematics. The B.A. degree requires 40 credits in mathematics, while the B.S. degree requires 55 credits in mathematics. Both programs require one year of physics. In addition to providing the necessary background for careers in mathematics, both the B.A. and B.S. degrees encourage you to develop critical thinking and problem-solving abilities—skills that will ensure success in any field.

## WHAT CAN I DO WITH A B.A. OR B.S. IN MATHEMATICS?

- Academia
- Applied Science
- Artificial Intelligence
- Climate Analysis
- College Professor
- Computer Programming
- Cryptography
- Cyber Security
- Data Science
- Engineering
- Epidemiologist
- Financial Analysis
- Forensic Analysis
- Government
- Market Research
- Mathematical Modeling
- Medicine and Health Care
- Quantitative Analysis
- Research (public or private sector)
- Robotics
- Statistics
- Video Game Design

For students looking to apply to law school or medical or dental school, a degree in mathematics is excellent preparation for these fields.



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## MESSAGE FROM THE CHAIR

The B.A. and B.S. degrees in Mathematics offered by St. John's College of Liberal Arts and Sciences are programs that include courses in pure and applied mathematics, allowing students to see both theory and applications. A departmental advisor will meet with you regularly to discuss program requirements and career opportunities, or simply to chat. Students can join the Mathematics Club and Pi Mu Epsilon, the national mathematics honor society, both of which work together to organize academic and social activities. I invite you to contact me with any questions, and you are always welcome to visit.

**Mikhail Ostrovskii, Ph.D.**

*Professor and Chair*

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## RESEARCH AND PROFESSIONAL DEVELOPMENT

St. John's offers a chapter of the Pi Mu Epsilon national honor society for mathematics, connecting students who achieve academic success in the field with networking, internship, and other professional and academic opportunities.

Because of the low student to faculty ratio within the mathematics program, you work closely with faculty on independent research in preparation for your career.

We also encourage you to take advantage of the University's many internship and study abroad opportunities to complement your education with real-world experience. For more information, please visit [stjohns.edu/global-studies](https://stjohns.edu/global-studies).

## FINANCIAL AID

St. John's University strives to place an outstanding higher education within the financial reach of all qualified applicants. Each academic year, the Office of Student Financial Services awards more than \$500 million in aid to students who demonstrate financial need. The Office of Undergraduate Admission also awards highly competitive academic scholarships.

For more information about scholarships and financial aid, please visit [stjohns.edu/admission-aid/tuition-and-financial-aid](https://stjohns.edu/admission-aid/tuition-and-financial-aid).

## PROGRAM INFORMATION AND APPLICATIONS

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