



**ST. JOHN'S  
UNIVERSITY**

ST. JOHN'S COLLEGE OF  
LIBERAL ARTS AND SCIENCES

# Master of Science in Chemistry

## ABOUT THE M.S. IN CHEMISTRY

The Master of Science program in Chemistry at St. John's University provides a strong background in all areas of chemistry: analytical, biological, inorganic, organic, and physical. The program offers two tracks—a thesis track and a nonthesis track. Students in the thesis track conduct research with a faculty member, explore a chemistry topic in depth, and write and defend a thesis. Students in the nonthesis track take an extra course and sit for the comprehensive exam at the end of the program. They have the option to conduct research through independent study. The master's program in chemistry may be completed through part-time study. We also offer a cohort model for on-site courses with local industry.

## WHAT CAN I DO WITH AN M.S. IN CHEMISTRY?

Chemists think concisely and solve problems—qualities that are desirable to employers in and beyond science.

A graduate degree in chemistry provides qualifications and pathways to the following career areas:

- **Academia:** Faculty and technical support staff
- **Chemical Information:** Abstracting, editing, museums, publishing, science centers, science librarianship, science writing
- **Government:** Federal Bureau of Investigation, national laboratory research, US Department of Homeland Security, US Environmental Protection Agency, US Food and Drug Administration
- **Health Professions:** Dentistry, medicine, medical technology, pharmacy, veterinary medicine
- **Industrial Chemistry:** Marketing and support, quality control and production, research and development, technical sales
- **Intellectual Property Law:** Patents
- **Technology:** Biotechnology, cosmetic chemistry, dietary science, environmental science, food chemistry, forensic science, nanotechnology, petroleum chemistry, toxicology





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## MESSAGE FROM THE DIRECTOR

The Master of Science in Chemistry at St. John's University is one of the largest master's-only degree programs in the country. We serve students who have just graduated from a four-year degree program, as well as those who have careers in the chemical industry and want to enhance their skills. The faculty members in the Department of Chemistry are active researchers who provide graduate students with the opportunity to participate in their research endeavors.

**Richard J. Rosso, Ph.D.**

Associate Professor and Chair, Chemistry  
rossor@stjohns.edu

## RESEARCH AND PROFESSIONAL DEVELOPMENT

The Department of Chemistry prides itself on close working relationships with students to encourage their success in any chosen career path. Faculty members mentor students in all areas of chemistry research, ranging from the design and construction of DNA-based sensors to the formation of metal-based light harvesting complexes and the computer modeling of biomolecular processes. Students gain practical experience using modern instruments and, ultimately, present their research at regional and national chemistry meetings.

To help students build their professional networks and connect with the larger scientific community, the department offers weekly seminars led by visiting experts from major research institutions throughout the country.

## ASSISTANTSHIPS, SCHOLARSHIPS, AND FINANCIAL AID

The University awards a limited number of graduate assistantships to highly qualified students each year. These positions provide tuition remission and a stipend and involve teaching laboratory classes in the capacity of an adjunct faculty member.

For more information about assistantships as well as other types of financial aid and scholarship awards, please see the *Graduate Bulletin* ([stjohns.edu/bulletin](http://stjohns.edu/bulletin)).

## PROGRAM INFORMATION AND APPLICATIONS

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## ADMISSION INFORMATION

**Office of Graduate Admission**

718-990-1601  
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[stjohns.edu/admission/graduate](http://stjohns.edu/admission/graduate)