



ST. JOHN'S UNIVERSITY

ST. JOHN'S COLLEGE OF
LIBERAL ARTS AND SCIENCES

Bachelor of Science in Chemistry

ABOUT THE B.S. IN CHEMISTRY

The study of all other fields of physical science and technology depends upon foundational knowledge of chemistry. The American Chemical Society-certified Bachelor of Science in Chemistry at St. John's University provides this foundation. Lecture and laboratory courses teach students to synthesize new materials and compounds and to analyze sample composition and properties, as well as to design, perform, and evaluate experiments using modern instrumentation. Department faculty members foster close working relationships with students and encourage them to conduct research that they present at regional and national chemistry meetings. The ratio of chemistry majors to full-time faculty in this highly personalized program is approximately nine to one.

WHAT CAN I DO WITH A B.S. IN CHEMISTRY?

Chemistry majors learn to think concisely and solve problems—qualities that are desirable to employers in and beyond scientific fields.

An undergraduate degree in chemistry provides qualifications and pathways to the following career areas:

- **Academia:** Faculty and technical support staff
- **Chemical Information:** Science writing, science librarianship, abstracting, publishing, editing, museums, science centers
- **Government:** National laboratory research, Environmental Protection Agency, Federal Bureau of Investigation, Food and Drug Administration, Homeland Security
- **Health Professions:** Medicine, dentistry, veterinary medicine, pharmacy, medical technology
- **Industrial Chemistry:** Research and development, quality control and production, technical sales, marketing and support
- **Intellectual Property Law:** Patents
- **Technology:** Forensic science, biotechnology, nanotechnology, toxicology, environmental science, petroleum chemistry, food chemistry, cosmetic chemistry, dietary science



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MESSAGE FROM THE CHAIR

The Bachelor of Science in Chemistry program at St. John's University trains students to become scientists and creative thinkers. As a chemistry major, you have opportunities to conduct research with our faculty, study cutting-edge areas of chemistry, and learn more about the world around you. Our chemistry faculty members are active researchers, and students are often able to participate in their investigative endeavors.

Alison G. Hyslop, Ph.D.

Associate Professor and Chair, Chemistry
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RESEARCH AND PROFESSIONAL DEVELOPMENT

Chemistry students finish the program with a wealth of hands-on experience to offer potential employers. They design and build bio-nanosensors, make light-harvesting metal complexes that illustrate principles of green energy systems, and synthesize anticancer drugs. They use modern instruments in developing research to present 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.

St. John's University also has an active student chapter of the American Chemical Society that hosts events throughout the academic year, including seminars, chemical demonstrations, and faculty workshops on such topics as securing summer research internships, writing résumés, and applying to graduate programs.

Especially motivated students may apply for the five-year combined B.S./M.S. Chemistry program, saving one year in earning both degrees. There is also a premedical track for chemistry majors that features opportunities to participate in research seminars and special workshops. Upon graduation, students who complete the premedical track receive a certificate.

SCHOLARSHIPS AND 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.

There are a number of scholarships available specifically to chemistry majors. Women in Science scholarships are available to entering female students with strong high school records. The Vedaszky Scholarship is awarded to the strongest chemistry major among juniors and seniors, and the Clare Boothe Luce Scholarship is available to women in science for their final two undergraduate years.

For more information about scholarships and financial aid, please visit stjohns.edu/services/financial.

PROGRAM INFORMATION AND APPLICATIONS

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ADMISSION INFORMATION

Office of Undergraduate Admission
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admission@stjohns.edu
[stjohns.edu/admission-aid/
undergraduate-admission](http://stjohns.edu/admission-aid/undergraduate-admission)