



**ST. JOHN'S  
UNIVERSITY**

ST. JOHN'S COLLEGE OF  
LIBERAL ARTS AND SCIENCES

# Bachelor of Science (B.S.) in Biology



## ABOUT THE B.S. IN BIOLOGY

Studying biology at St. John's University puts you right in the middle of today's exciting scientific discoveries. You begin with three core courses that build a solid foundation, then dive into the areas that spark your curiosity—like biochemistry, bioinformatics, ecology, molecular biology, neuroscience, or physiology. You also level up your skills with classes in chemistry, mathematics, and physics.

If you want to challenge yourself even further, you can apply to our five-year B.S./M.S. program and earn both degrees in less time. Plus, you'll have the opportunity to work side-by-side with internationally recognized faculty doing intensive laboratory research.

If you're considering a future in health care, our Biology Department offers strong prehealth advising and an advanced Professional Medical Degree (PMD) track in molecular biosciences for driven students who want to get a head start on a medical career.

## WHAT CAN I DO WITH A B.S. DEGREE IN BIOLOGY?

A bachelor of science degree in biology opens the door to a wide range of exciting and impactful career paths. Biology majors gain analytical, communication, and research skills that are highly valued in today's science-driven world—from cutting-edge biomedical innovation to environmental sustainability and data-driven discovery.

### Career paths include

- Bioinformatics and data science
- Biomedical and pharmaceutical research
- Biotech entrepreneurship and science policy
- Biotechnology and genetic engineering
- Computational and quantitative biology
- Environmental conservation and climate science
- Forensic and diagnostic laboratories
- Medical illustration
- Neuroscience and behavioral science
- Patent law and intellectual property
- Public health and epidemiology
- Science communication, education, and outreach

### Advanced Study Opportunities

Many graduates continue their education in

- Dental, medical, veterinary, and other health professional schools;
- Graduate programs leading to a master of science or Ph.D. degree in biological and biomedical sciences; or
- Specialized fields such as bioinformatics, biotechnology, environmental science, genomics, neuroscience, and pharmacology.

Whether your goal is to advance scientific discovery, protect the environment, design new biotechnologies, or improve human health, a degree in biology provides the foundation and flexibility to make a difference in the world.



# Bachelor of Science in Biology

## MESSAGE FROM THE CHAIR

As chair of this vibrant department, I'm delighted to invite you to explore our biology major—where curiosity meets discovery. Our program offers a strong foundation in the life sciences and opportunities for hands-on research guided by internationally recognized faculty whose work spans cellular, ecological, molecular, and organismal biology.

As a biology major, you develop the scientific knowledge and critical thinking skills essential for success in today's rapidly advancing fields. Graduates of our program are well prepared for professional schools in dentistry, medicine, veterinary medicine, and other health professions, as well as for master of science and Ph.D. programs in the biological sciences. Our alumni pursue rewarding careers in biotechnology, education, environmental science, health care, research, and beyond.

**Join us, and let your scientific journey begin.**

**Yong Yu, Ph.D.**

Professor and Chair, Department of Biological Sciences

## RESEARCH AND PROFESSIONAL DEVELOPMENT

Students may apply for the five-year combined B.S./M.S. biology program, saving one year in earning both degrees. We also offer a Professional Medical Degree track in molecular biosciences that features preferential placement in research laboratories; supported trips to research meetings; opportunities to take graduate courses (when appropriate); and additional courses in biology, chemistry, physics, and English to prepare you for the MCATs. Upon graduation, students 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.

Biology majors entering their second year are eligible for The Tutunjian Memorial Endowed Scholarship, established by alumnus John P. Tutunjian '59UC and his wife, Florence. Applicants must have achieved a cumulative grade point average of 3.5 or higher by the conclusion of their first academic year, with a minimum of 25 credits completed. The scholarship, valued at \$5,000, is renewable for each subsequent year of undergraduate study, contingent upon continued fulfillment of the eligibility criteria. For more information about scholarships and financial aid, please visit [stjohns.edu/services/financial](http://stjohns.edu/services/financial).

## PROGRAM INFORMATION

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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)