



**ST. JOHN'S
UNIVERSITY**

ST. JOHN'S COLLEGE OF
LIBERAL ARTS AND SCIENCES

Master of Science in Biology

ABOUT THE M.S. IN BIOLOGY

The Master of Science in Biology at St. John's University provides a comprehensive background in the biological sciences with an emphasis on biochemistry and cellular and molecular biology, preparing you for advanced research in these areas. Our small class size and dedicated faculty allow for a dynamic research environment, where intellectual exchanges shape and inform your own interests and career goals.

The M.S. features a core curriculum covering such topics as biomolecules and cell structure; molecular genetics; subcellular structure and biochemistry; growth, movement, and regulation; and developmental and systems biology. After completing your core requirements for the degree, you continue on to advanced coursework in accordance with your career goals and in consultation with an advisor. You have the option to complete a thesis as part of your degree requirements and conduct innovative research in the labs of one of our dedicated faculty members, an experience that will prepare you for further graduate study in biology.

WHAT CAN I DO WITH AN M.S. IN BIOLOGY?

As a graduate of the M.S. program in Biology, you may find jobs at universities and companies performing pharmaceutical, clinical, biological, or biotechnological research. You may also go on to teach biology at any level.

Many M.S. holders pursue further biological study at the Ph.D. level. St. John's University also offers a Ph.D. program in Biology.



A person wearing a white lab coat and blue nitrile gloves is holding a ball-and-stick molecular model. The model consists of white, red, blue, black, and green spheres connected by white rods. The person's face is partially visible in the background, looking down at the model.

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MESSAGE FROM THE DIRECTOR

The M.S. in Biology at St. John's University is an exciting program that deepens your theoretical expertise in molecular and cellular biology. You also have the opportunity to gain much needed laboratory experience with faculty members who are internationally known for their research. Many of our graduating students decide to further their academic education by pursuing medical school or a Ph.D., while others find employment in teaching, industry, or the medical environment. This program definitely prepares you for better professional and/or academic opportunities.

Yong Yu, Ph.D.

Associate Professor and Graduate Director
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RESEARCH AND PROFESSIONAL DEVELOPMENT

As a student in the biology master's program, you work closely with our dedicated faculty, either assisting with their research or performing research of your own. Your research mentor assists and guides you through the intellectual and experimental aspects of the scientific research process. You have the option of submitting a thesis as part of your degree requirements, which will form the basis of your application to further graduate study at the doctoral level.

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.

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

PROGRAM INFORMATION AND APPLICATIONS

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