Master of Science in Biology

ABOUT THE M.S. IN BIOLOGY

The Master of Science in Biology program at St. John’s University provides a comprehensive background in the biological sciences with an emphasis on cell and molecular biology, preparing you for advanced research in areas such as intracellular trafficking, signal transduction, and cellular response to stress. Our small class size and dedicated faculty allow for a dynamic research environment where intellectual exchanges will 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 will then go on to advanced course work in accordance with your career goals and in consultation with an advisor. You have the option of completing a thesis as part of your degree requirements, preparing 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.
MASTER OF SCIENCE IN BIOLOGY

MESSAGE FROM THE DIRECTOR
The M.S. in Biology at St. John’s University is an exciting program that will deepen your theoretical expertise in molecular and cellular biology. You will 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 will definitively prepare you for better professional and/or academic opportunities.

Rachel Zufferey, 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 will work closely with our dedicated faculty either assisting with their research or performing research of your own. Your research mentor will assist you and guide 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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ADMISSION INFORMATION
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