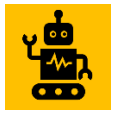
Pathway Programs Benefits

Benefits of the 5-year STEM/Education Pathway programs include, but are not limited to, the following:

1) **Time efficiency:** Earn both an undergraduate and graduate degree within 5 years
2) **Cost efficiency:** The tuition for graduate courses taken during undergraduate study is at the undergraduate tuition rate
3) **Possible Funding:** Qualifying students may be eligible for an NSF Noyce Scholarship or Stipend



How to Apply

Applying to the STEM/Education 5-year Pathway Program couldn't be easier:

1) Make an appointment with your advisor, STEM chairperson, or Christine Yang, Assistant Dean (Rm. 145 St. John's Hall)
2) Your advisor, chairperson, or assistant dean will provide you with a brief STEM (BA/BS)/Education (MSEd) application. Complete and sign the application and have it signed by your advisor
3) That's it! Notification of acceptance will be in January for Fall applicants and April for Spring applicants

STEM Chair Contacts

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Department of Math & Computer Science Dr. Mikhail Ostrovskii
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ST. JOHN'S UNIVERSITY
ST. JOHN'S COLLEGE OF LIBERAL ARTS AND SCIENCES
ST. JOHN'S UNIVERSITY
THE SCHOOL OF EDUCATION

BECOME A SCIENCE OR MATH TEACHER!

Finish your
Bachelor's Degree in STEM Field
AND
Master's Degree in Education
in 5 years!

Become a STEM Teacher!

If you are currently a sophomore or junior majoring in math, biology, chemistry, physics, or environmental science, you can apply to the 5-year STEM pathway program and earn your master's degree and become a certified teacher at the end of your fifth year.



STEM Teachers in High Demand

The Bureau of Labor Statistics (BLS) projects that the number of teachers will grow approximately 4% from today to 2029—similar to that of other sought-after professions.* Further, BLS reports that many school district personnel find it difficult to fill teaching positions for certain subjects, including math, biology, chemistry, physics, and earth science. So, teachers who specialize in STEM subjects should have some of the best prospects in securing a teaching position. Highly qualified teachers in STEM disciplines across all K-12 grade levels, especially in high-need districts (i.e., districts whose students are children from low-income households), are in extremely high demand.

* Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook*, High School Teachers, at https://www.bls.gov/ooh/education-training-and-library/high-school-teachers.htm., 2021.

Earn Your BS and MS in 5 Years!

The STEM Departments of St. John's College and The Department of Curriculum and Instruction in the School of Education offer a 5-year combined degree program in which students earn a B.S. in Biology, Chemistry, Physics, and Environmental Science, or a B.A. in Mathematics and continue for their M.S. in either Adolescent Education (Biology, Chemistry, & Mathematics) or Childhood Education (Biology, Chemistry, Physics, Environmental Science, & Mathematics). All required workshops and assessments needed for teacher certification are completed during the senior year and 5th year of graduate study.



Qualifying undergraduates complete 9 credits in graduate level education coursework during their senior year. The bachelor's degree will be conferred once all undergraduate requirements are met. While taking undergraduate coursework as majors in one of the STEM disciplines, students are enrolled in St. John's College of Liberal Arts & Sciences. Once the undergraduate degree is conferred at the end of the senior year, students then matriculate into the Adolescent or Childhood Education master's program in Education and receive a master's degree at the end of the 5th year.

STEM/Education Info & Reqs

- The bachelor's degree is conferred once all undergraduate requirements are met.
- Qualifying undergraduates should possess and maintain the required minimum 3.2 cumulative GPA.
- The Childhood/Adolescent Education Master's program is 33 credits and will be completed at the end of your fifth year.
- Students must receive a minimum grade of B in graduate level coursework in Adolescent or Childhood Education.
- Qualifying students will immediately matriculate into the master's program upon completing the bachelor's degree at the end of the senior year.



Giving STEM Back to the Community

The 5-year Pathway programs in STEM and Education support (1) robust content knowledge as developed through the undergraduate STEM major requirements to be drawn upon while developing meaningful teaching and learning experiences; and (2) the SJU mission, namely, "...to provide excellent education for all people, especially those lacking economic, physical, or social advantages."