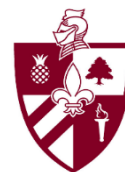




Noyce Knights Scholars Program (NKSP) Bellarmine University Fall 2022 – Spring 2027



Bellarmine Students, STEM Graduates and STEM Professionals



Are You Interested in a Career Teaching Science or Mathematics in Middle or High School (6-12)?

The demand for certified STEM teachers nationally has been rising, and in Kentucky, there is a critical need for STEM teachers. Kentucky is producing significantly fewer certified STEM teachers than needed to fill the vacant middle and high school science and mathematics teaching positions. Funded by the National Science Foundation, the Noyce Knights Scholars Program (NKSP) at Bellarmine University (BU) aims to prepare, support and certify at least 25 middle and high school science and mathematics teachers over five years.

NKSP provides scholarships and stipends to (i) Bellarmine undergraduate students majoring in Physics, Chemistry, Biology, Biochemistry & Molecular Biology (BMB), Environmental Science, and Mathematics who are interested in career in STEM education as middle or high school (secondary) science and mathematics teacher via the 5-year Early Entry MAT (Master of Arts in Teaching) Graduate Certification pathway, (ii) Bellarmine undergraduate students majoring in Mathematics who are interested in career in STEM education as high school (secondary) Mathematics teacher via the 4-year Mathematics Undergraduate Certification pathway, and (iii) BU STEM graduates, STEM Professionals or career changers with a Bachelor's degree in any STEM discipline who are interested in career in STEM education as middle and/or high school (secondary) science and mathematics teacher via the 2-year Traditional MAT Graduate Certification pathway.

Teaching Certification Pathway and NKSP Scholarship/Stipend:

Undergraduate Certification Pathway – BU students can obtain a dual degree in both BA Mathematics and in BS Secondary Education with a high school (secondary) teaching certification in Mathematics at the end of the 4th year, prior to graduation. To be eligible for the NKSP scholarship, a minimum cumulative GPA of 2.75 and a GPA of 2.75 in Mathematics courses is required. **NKSP scholarship is provided for junior and senior years in the amount of \$19,200 max. per year that fully covers BU's total cost of attendance after BU's financial aid package. Total max. amount for two years is \$38,400.**

Early Entry MAT Graduate Certification Pathway – BU students can obtain a degree in Physics, Chemistry, Biology, Biochemistry & Molecular Biology (BMB), Environmental Science, and Mathematics at the end of the 4th year and the MAT degree at the end of the 5th (post-baccalaureate) Year with middle and/or high school (secondary) teaching certification in Physics, Chemistry, Biology or Mathematics at the end of 5th year, prior to MAT graduation. To be eligible for the NKSP stipend, a minimum cumulative GPA of 3.00 and a GPA of 3.00 is required in all STEM courses for the major. Graduate tuition expenses in the undergraduate year for the MAT courses are paid (waived) by BU. **NKSP Stipend is provided for post-baccalaureate MAT year in the amount of \$29,000 which covers full MAT Graduate Tuition and Fees of \$16,560 in the MAT year with \$10,000 for off-campus living expenses and \$2,440 for miscellaneous expenses.**

Traditional MAT Graduate Certification Pathway – BU STEM graduates, STEM Professionals or career changers with a Bachelor’s degree in any STEM discipline can obtain a MAT degree in two years with middle and/or high school (secondary) teaching certification in Physics, Chemistry, Biology or Mathematics at the end of the 2nd year, prior to MAT graduation. To be eligible for the NKSP stipend, a minimum cumulative GPA of 2.75 or a GPA of 3.00 on the last 30 credit hours (including undergraduate and graduate coursework) is required. **NKSP Stipend is provided in the MAT 2nd year in the amount of \$29,000 which covers full MAT Graduate Tuition and Fees of \$24,840 for the two years with \$4,160 for miscellaneous expenses. Additionally, NKSP scholars can apply for BU Graduate Assistantship if a department/office at BU is willing to hire the NKSP scholar. NKSP scholars can receive \$10,000 per year (Fall and Spring) if awarded a BU Graduate Assistantship.**

Career Opportunity and Job Placement:

Upon certification, NKSP scholars will be placed at a JCPS or another high-need school district (upon request) middle or high school (based on the teaching certification) and MUST teach for at least two years for each year of the scholarship/stipend award within 6 years after graduation. The starting salary of a JCPS teacher with a MAT degree is \$50,901 (\$44,853 with a Bachelor’s degree) and the average teacher salary of a JCPS teacher is \$63,000, with top earners making more than \$90,000 per year.

NKSP Incentives and Activities:

- \$1250 Summer Internship opportunity for one month in STEM Education at the Kentucky Science Center.
- Paid professional development workshop in Culturally Responsive Teaching (CRT) at the University of Kentucky.
- Join the STEM Teacher Education Learning Community (STELC) to take part in NKSP activities. NKSP scholars must attend four seminars/workshops on CRT and two Induction seminars and take part in the annual STEM Maker Fair event at BU hosted by STELC. STELC will

provide a support network among pre-service STEM teacher education students, in-service STEM teachers, and STEM/Education faculty and peer mentors. Upon graduation, NKSP scholars will become professional members of STELC as certified STEM teachers.

- Each year, one NKSP scholar will be selected to attend the national NSF Noyce Summit in Washington D.C. with a NKSP faculty and two NKSP scholars will be chosen to attend the Regional Noyce Meeting with the NKSP faculty. All travel expenses paid.

NKSP Support Services:

Faculty Mentoring: Each NKSP scholar will be paired with the project’s STEM faculty coordinator who will serve as their mentor during their senior year. The Faculty mentor will oversee the NKSP scholars’ curricular and non-curricular progress in their senior and MAT year. STEM faculty mentors will work with Student Support Center (SSC) staff to determine if additional academic support is needed. In the MAT year, NKSP faculty mentors from the School of Education will provide mentorship with master teachers via observation and reflection during their student teacher practicum to ensure that they develop sound pedagogical skills needed to effectively teach the STEM content in high-need settings. NKSP scholars will be evaluated by the Project’s Co-Directors/NKSP faculty mentors at the end of each semester.

Peer Tutoring and Coaching: Seniors from each of the STEM disciplines will provide help as needed with the STEM courses materials/contents and tutoring via individual or small-group tutoring sessions. Undergraduate NKSP scholars will be encouraged in their senior year to serve as peer tutors for freshman and sophomores as part of their pre-service teaching experience. Graduating MAT students will be assigned to help in the teacher certification (Praxis) exams preparation sessions.

NKSP Webpage:

For more information about NKSP, click [here](#).



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