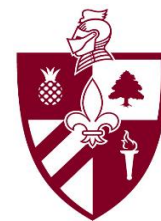




Noyce Knights Scholars Program (NKSP) Bellarmine University Fall 2022 – Spring 2027 JCTC Community College Students



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 STEM students majoring in Physics, Chemistry, Biology, and Mathematics who are interested in career in STEM education as middle or high school (secondary) science and mathematics teacher. The Jefferson to Bellarmine partnership, is an affordable college transfer option that allows JCTC students to transfer their credits to BU. JCTC students can start their academic journey at JCTC and transfer credits to Bellarmine to earn their Bachelor’s degree, as well as a teaching certification degree. JCTC students enrolled in Physics, Chemistry, Biology, and Mathematics who are interested in obtaining a Bachelor’s degree at BU in Physics, Chemistry, Biology, and Mathematics with a middle and/or high school (secondary) teaching certification can transfer to BU and apply for the NKSP scholarship

or stipend after completing an Associate of Science (AS) degree in any of the above STEM disciplines.

Teaching Certification Pathway and NKSP Scholarship/Stipend:

Early Entry MAT Graduate Certification Pathway – JCTC students who have completed an Associate of Science (AS) degree in Physics, Chemistry, Biology, or Mathematics can transfer to BU in their Junior year to obtain a STEM degree in Physics, Chemistry, Biology, or Mathematics at the end of the 4th year and the MAT degree in their (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 (three years after transferring to BU). To be eligible for the NKSP stipend in the MAT year, a minimum cumulative GPA of 3.00 and a GPA of 3.00 in the STEM major (that includes all STEM courses) is required. Graduate tuition expenses for the MAT courses in the Senior year are paid (waived) by BU. For the Junior and Senior years, BU offers a discounted tuition rate for JCTC students with a financial aid package that are comparable to your cost of attendance at JCTC. **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.**

Undergraduate Certification Pathway – JCTC students who have completed an Associate of Science (AS) degree in Mathematics can transfer to BU in their Junior year and 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 (two years after transferring to BU). To be eligible for the NKSP scholarship, a minimum cumulative GPA of 2.75 and a GPA of 2.75 is required for Mathematics courses. **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.**

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.

JCTC to BU Transfer Agreement:

Based on the 2BU agreement between BU and JCTC, BU offers a special discounted tuition rate of \$16,300 per year for the two years for JCTC students, and access to all the amenities and resources at BU. JCTC students who live on campus can receive a \$2,000 on-campus housing grant per year. Additionally, BU offers a generous financial aid package that further reduces any out of pocket expenses. Moreover, JCTC students can take up to two free summer courses at BU. Under the 2BU agreement, BU offers two full tuition scholarship that covers tuition, comprehensive fees, and books/supplies to JCTC students who have least a 3.50 GPA with minimum of 24 credits from JCTC.

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 UK.

- 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. Noyce 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](#).



For more information about the Noyce Knights Scholars Program (NKSP), contact NKSP Community College Recruitment Coordinator, Professor Marlisa R. Austin at JCTC; Phone: 502.213.5073 or Email: marlisa.austin@kctcs.edu.

Noyce Knights Scholars Program (NKSP) is funded by the National Science Foundation (NSF) (Grant# 2149370)