



APPLICATION DEADLINE: Friday April 7, 2023 **TENTATIVE INTERVIEW DATES:** April 10-14, 2023

APPLICATION PROCEDURE

To apply for the Noyce Scholarship program, you must complete the following steps:

Step 1: Complete the application.

Step 2: Write a 200–500 word personal statement describing your educational and career goals.

Step 3: Include a current résumé that details your education, work experience, honors and awards, extracurricular events and community activities, and employment.

Step 4: Provide unofficial copies of education transcripts from the last two years.

Step 5: Provide contact information for two people who can serve as references for your character, academic ability, and/or success as a future teacher.

Step 6: Complete an interview. (This will be scheduled upon receipt of application and will be online)

Send your completed application, personal statement, résumé, transcripts and letters of recommendation to:

Noyce Scholarship Program
University of South Carolina
c/o Mrs. Kathy Henson
Instruction & Teacher Education (ITE)
Wardlaw 028
820 S. Main St.
Columbia, SC 29208
OR

Email to Mrs. Henson at winnk@mailbox.sc.edu or Dr. Lotter at lotter@mailbox.sc.edu

SELECTION CRITERIA

To apply for the program in 2023-2024, you must meet the following requirements:

- Enrolled at the University of South Carolina.
- Majoring in a field of science, engineering sciences, or mathematics (i.e., STEM majors).
- Selected an academic major that will serve as a teaching specialization in Biology, Chemistry, Physics, Geoscience, Earth Science, or Mathematics.
- A minimum GPA of 3.0.
- Be a junior, senior, or MT science or math student at USC in the 2023-2024 school year.

You must also:

- Pursue an academic major in a STEM field as described above (e.g., biology, chemistry, statistics, mathematics, physics, or earth science) that will serve as their teaching specialization in grades 9 through 12.
- Teach middle or high school for a minimum of two years for each year of scholarship support in a “high-need” school in the United States. Scholarship monies must be returned if the Noyce Scholar does not complete the teaching requirement.
- Attend full time and complete your bachelor’s degree and Masters of Teaching (MT)
- Complete the USC Noyce Scholarship agreement.
- Be a U.S. citizen or permanent resident alien.



Applicant Name (please print): _____ Date: _____

I am applying to enter the Noyce Scholarship Program in (specify **semester** and **year**): _____

REQUIRED DOCUMENTS:	Verified By Scholarship Committee
1. Fully completed application form (this form) including this cover page	
2. Statement of Interest not to exceed two typed pages (200-500 words)	
3. Current résumé	
4. Unofficial copies of all college transcripts	
5. Information on two references	
6. Completed and Signed Robert Noyce Scholarship Agreement	
7. Completed FAFSA	
8. Interview	

There is an evaluation component to the National Science Foundation funded fellowship for which you are applying. As part of the scholarship program, you will be required to participate in annual interviews and surveys related to your progress and preparation during your undergraduate and graduate program. Additionally, for two years following graduation, you will be required to allow observations of your classroom, and complete some surveys and interviews on your development as a teacher. The information that is gathered will be used to evaluate the benefits of the scholarship program as well as the recruitment, preparation, and retention of high school mathematics and science teachers for high need high schools. The results of the program may be published or presented at professional meetings, but your identity will not be revealed.



Please type or print clearly.

PERSONAL INFORMATION

Full Name _____ Male/ Female Date of Birth _____
 Address _____ City, State _____ Zip _____
 Phone (____) _____ - _____ Alternate Phone (____) _____ - _____
 Email _____ VIP ID _____ BANNER ID: _____

Please indicate the following:

- US Citizen
- Permanent Resident

Please check the appropriate box:

- I am not a transfer student.
- I am a transfer student. (Please circle): Midlands Tech Orangeburg Calhoun Tech Other:

OPTIONAL: Please indicate which of the following categories you identify with. You may check more than one.

- | | | |
|---|--|---|
| <input type="checkbox"/> Alaskan Native (Eskimo or Aleut) | <input type="checkbox"/> Black or African American | <input type="checkbox"/> White |
| <input type="checkbox"/> American Indian | <input type="checkbox"/> Hispanic or Latino | <input type="checkbox"/> Other __ |
| <input type="checkbox"/> Asian | <input type="checkbox"/> Native Pacific Islander | <input type="checkbox"/> Decline to State |

EDUCATION

Cumulative GPA to Date: _____ Actual/Expected date of entry to credential program (MT): _____

Cumulative Credit Hours: _____ Expected completion date of credential program: _

Credential Area: (CIRCLE ONE)

Biology	Chemistry	Geosciences	Mathematics	Physics
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Institutions attended _____ Degree program (e.g. Biology, BS) _____ Degree completion date _____

PROPOSED SCHEDULE

Please include a *tentative course* schedule for the indicated academic year.

Fall 2023	Spring 2024



PERSONAL NARRATIVE

Please attach your personal narrative describing 1) why you want to teach science or mathematics 2) your personal and professional qualifications, including experiences working with K-12 students 3) your commitment to working in a high need school, and 4) how a Noyce scholarship would contribute to your professional development.

TRANSCRIPTS

Include a copy of your unofficial transcripts from the previous two years.

RECOMMENDATIONS

List information for two references that we may contact about your character, academic ability or potential success as a future teacher

Name of recommender	Institution	Relation to you	Phone number/email
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I acknowledge that the above information is correct to the best of my knowledge. I authorize the Noyce Selection Committee to view my academic records in order to verify and fully assess my qualifications.

Signature: _____

Date: _____

In order for your scholarship application to be considered, you are requested to complete the attached recruitment survey and fill in the demographic information requested.



<i>Directions: This questionnaire is designed to help us gain a better understanding of the kinds of things that create difficulties for teachers in their school activities. Please indicate your opinion about each of the statements below. Your answers are confidential.</i>		How much can you do?								
		Nothing		Very Little		Some Influence		Quite A Bit		A Great Deal
1	How much can you do to control disruptive behavior in the classroom?	1	2	3	4	5	6	7	8	9
2	How much can you do to motivate students who show low interest in mathematics/science?	1	2	3	4	5	6	7	8	9
3	How much can you do to get students to believe they can do well in mathematics/science?	1	2	3	4	5	6	7	8	9
4	How much can you do to help your students value mathematics/science?	1	2	3	4	5	6	7	8	9
5	To what extent can you craft good mathematics/science questions for your students?	1	2	3	4	5	6	7	8	9
6	How much can you do to get students to follow classroom rules?	1	2	3	4	5	6	7	8	9
7	How much can you do to calm a student who is disruptive or noisy?	1	2	3	4	5	6	7	8	9
8	How well can you establish a classroom management system with each group of students?	1	2	3	4	5	6	7	8	9
9	How much can you use a variety of mathematics/science assessment strategies?	1	2	3	4	5	6	7	8	9
10	To what extent can you provide an alternative mathematics/science explanation or example when students are confused?	1	2	3	4	5	6	7	8	9
11	How much can you assist families in helping their students do well in mathematics/science?	1	2	3	4	5	6	7	8	9
12	How well can you implement alternative mathematics/science strategies in your classroom?	1	2	3	4	5	6	7	8	9

Adapted from Tschannen-Moran, M., & Woolfolk Hoy, A. (2001). Teacher efficacy: Capturing and elusive construct. *Teaching and Teacher Education*, 17, 783-805.



ROBERT NOYCE

USC Science and Mathematics Teacher Initiative (USC-SMTI) Robert Noyce Scholarship Agreement

"The Robert Noyce Teacher Scholarship Program seeks to encourage talented science, technology, engineering, and mathematics majors (STEM) and professionals to become K-12 STEM teachers. This program responds to the critical need for highly effective K12 STEM teachers by recruiting and preparing talented undergraduate STEM majors and STEM professionals to pursue teaching careers in elementary and secondary schools, especially in high-need local educational agencies. The program seeks to encourage institutions of higher education to develop and sustain a culture where undergraduate STEM majors, especially those of the highest achievement and ability, are encouraged and supported when they express a desire to pursue K-12 STEM teaching careers." (NSF -16-559)

USC Scholarship Requirements:

- *Recipients of Noyce scholarships must be US citizens, nationals, or permanent resident aliens.*
- *Recipients must be in process of pursuing a baccalaureate degree in science, mathematics, or engineering.*

USC Service Requirements:

- *Undergraduate recipients must complete the Educational Cognate as an undergraduate before the end of your senior year. The cognate includes: EDFI 300, EDPY 401, EDSE 502, and EDSE 500. A companion scholarship 1-credit course (EDSE 310, 410) must also be taken each year of the Noyce scholarship. MT Career changers are not required to take the USC education cognate. (https://www.sc.edu/study/colleges_schools/education/study/secondary/mt_applications.php)*
- *Recipients must commit to a two year induction program as well as serving two years for every one year of Noyce funding as a mathematics or science teacher in a high need school district within 8 years of receiving certification (within 4 years for MAT students). NSF defines a high need local education agency using section 201 of the Higher Education Act of 1965 (20 U.S.C. 1021):*

The term "high need local education agency" means a local educational agency that serves an elementary or secondary school located in an area in which there is at least one of the following:

- a high percentage of individuals from families with incomes below the poverty line;*
- a high percentage of secondary school teachers not teaching in the content area in which the teachers were trained to teach; or*
- a high teacher turnover rate.*

Financial Payback Provisions:

*As a condition of acceptance of a scholarship/stipend/fellowship, the recipient agrees to provide the institution with annual certification of employment and up-to-date contact information as well as to participate in activities conducted as part of institution project-level and NSF program-level evaluation. **In addition, the scholarship/stipend may revert to a loan, meaning that the recipient will be required to repay all or a portion of the scholarship/stipend, if the recipient: 1. fails to maintain an acceptable level of academic standing in the program in which the individual is enrolled; 2. is dismissed from the program or institution for disciplinary reasons; 3. withdraws from the program before the completion of such program; 4. declares that the individual does not intend to fulfill the teaching service commitment; or 5. fails to fulfill the teaching service commitment. If such circumstances occur before the completion of one year of the teaching service commitment under***



any track, the total amount of scholarship or stipend received by the individual must be repaid. If the circumstance described occurs after the completion of one year of the teaching service commitment, the amount to be repaid will be as follows:

MT students: Failure to satisfy the academic requirements of the program or to complete the service requirement will result in recipient's forfeiture of the scholarship award with repayments pro-rated accordingly to reflect partial service completed. The formula used to calculate the repayment will be

$$A = F[(2-s)/2]$$

where "A" is the amount USC is entitled to recover; "F" is the sum of the total amount paid to the recipient; "2" is the number of years of service obligation; and "s" is the number of years or fraction of years of such obligation served.

MT students: Except as noted below in "Conditions for Waiver and Cancellation" any amount that USC is entitled to recover is due within 30 days of the date on which USC is entitled to recover such amount. After such time, interest will accrue on the outstanding obligation.

Conditions of Waiver and Cancellation:

- USC may waive the repayment obligation, in whole or in part, if it is determined that fulfillment of the service obligation
 - (1) would be impossible due to disability of the recipient,
 - (2) would result in extreme hardship to the recipient, or
 - (3) is determined to not be in the best interest of the school district.

The recipient must initiate requests for waivers of repayment obligations with a certified letter detailing the reasons why a waiver should be given. Additional documentation may be requested. Decisions on waivers of repayment obligations will require a majority vote by the Principal Investigators of the Noyce grant and the recipient's faculty advisor(s) during the student teaching and/or induction year of teaching. Dr. Jan Yow, the Principal Investigator of the grant, or a designee, will respond in writing to requests for waivers by certified mail within 14 days of a request for waiver of repayment obligation.

- USC will cancel any repayment obligation in the event of the death of the recipient.

Annual Report of Employment-Change of Address and/or Name:

- Recipients will submit to the Noyce Project Director:
 - (1) copies of letters of employment and signed letters by the principal of completion of teaching responsibilities at the end of the academic year.
 - (2) any changes of name, postal address, or e-mail address during the period of the service obligation

Program Evaluation:

- There is an evaluation component to the National Science Foundation funded fellowship for which you are applying. As part of the scholarship program, you will be required to participate in annual interviews and surveys related to your progress and preparation during your undergraduate and graduate program. Additionally, for two years following graduation, you will be required to allow observations of your classroom, and complete some surveys and interviews on your development as a



Instruction and Teacher Education

College of Education

UNIVERSITY OF SOUTH CAROLINA

**Noyce Scholarship
Application Packet
2023-2024**



teacher. The information that is gathered will be used to evaluate the benefits of the scholarship program as well as the recruitment, preparation, and retention of high school mathematics and science teachers for high need high schools. The results of the program and evaluation may be published or presented at professional meetings, but your identity will not be revealed.

I understand and agree to the conditions of the Noyce Scholarship award as presented in this document.

Signature: _____ Date: _____

Printed Name: _____