

# The UHD NOYCE

Teacher Scholarship Program

in the Natural Sciences



The UHD NOYCE Teacher Scholarship Program prepares and educates science majors for careers in science education at the secondary school level. You will work with UHD faculty from the Departments of Natural Sciences and Urban Education, and with master science teachers from local high schools.



An \$8,000 academic year scholarship is supplemented with stipends for training during the academic year and summer, which can increase your total financial assistance to \$10,000.

Only students with junior-level status are eligible for funding through this program, however students can enter into their science degree plan at any point. Post-baccalaureates can also receive stipends and are encouraged to apply. Students must have a 3.0 GPA overall in their science courses to be eligible for this scholarship.



Accepted candidates for this program will sign a contract that requires two years of service at an at-risk secondary school for every year of scholarship support after earning a baccalaureate degree in an area of science from UHD. The degree requirement will be waived for post-baccalaureate participants.

Have you ever thought about being a teacher?

Are you a science major, or thinking about pursuing a degree in science?

Are you curious about the natural world and willing to share your vision with others?

If you answered yes to any of these questions, then the UHD NOYCE Teacher Scholarship Program may be for you.

UHD NOYCE can help you become a science teacher.

Take a look inside and see if we can help **you** prepare for a rewarding career.

Supported By:



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<http://www.uhd.edu/academic/colleges/sciences/ns/>



UHD NOYCE Scholars can enter the program at any point during their academic careers. Financial support is offered in the final two years, but academic support and special advising is available as soon as you declare your science major. You will be a member of a NOYCE team as soon as you enter the program, and you can participate in various NOYCE workshops and other activities which provide stipends for participation. Additional support is also available for undergraduate research.

The most popular major for NOYCE students is the Bachelors Degree in Biological and Physical Sciences (BPS) with teaching certification. This composite degree allows you to achieve teaching certification and a science degree simultaneously (the degree is 128 hrs with 39 hrs of education coursework). You will be advised by both NS and UE faculty at every step of the process.

The Robert NOYCE Scholarship Program is supported by a grant from the National Science Foundation.



Additional support come from the University of Houston Downtown through the Scholars Academy

Contact Dr. Brad Hoge or Dr. Jon Aoki for more information about the UHD NOYCE Program or to get an application.

You can also visit the official UHD NOYCE website at:

[http://www.uhd.edu/academic/colleges/sciences/ns/Noyce\\_program.html](http://www.uhd.edu/academic/colleges/sciences/ns/Noyce_program.html)

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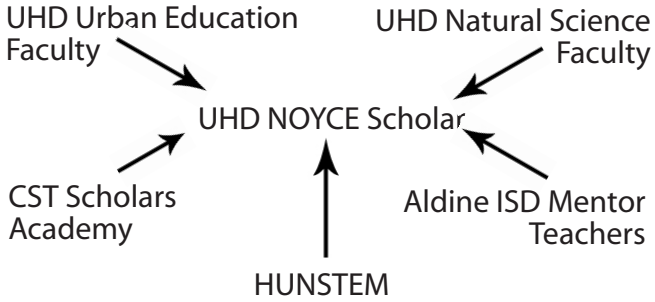


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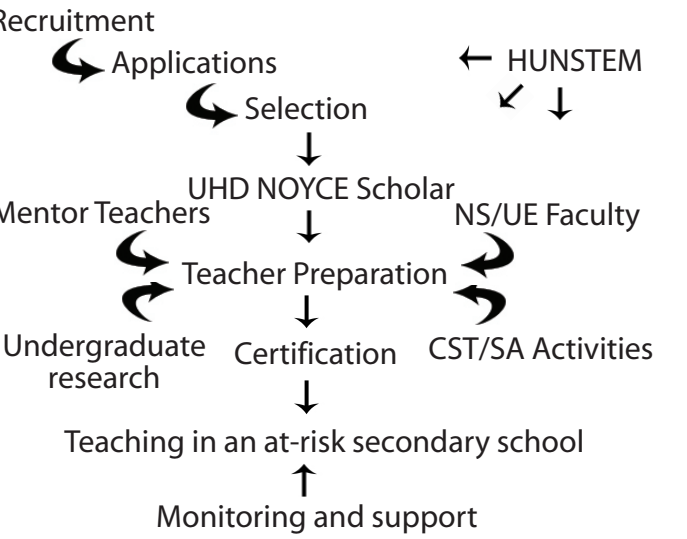
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### Support for UHD Noyce Scholars

Noyce Scholars are part of a team including two UHD faculty mentors from the Departments of Natural Science and Urban Education, as well as a master teacher from one of our partnering secondary schools. You will also interact with faculty and peers of the UHD Scholars Academy. The SA provides peer-mentoring and tutoring, service-learning and undergraduate research opportunities, as well as teacher training opportunities. HUNSTEM (Houston Urban Network for Science, Technology, Engineering, and Mathematics) provides a wider community of educators, scientists, and science professionals critical to modern science education. Here is how you will progress through the NOYCE Program:



### Noyce Scholar Activities and Opportunities:

#### Academic Program:

Supported during their last two undergraduate years.  
Both Science and Urban Education faculty advisors are assigned to each Scholar.

#### Scholars Academy:

Noyce Scholars are also members within the Scholars Academy, which assigns each member with a Peer Mentor and a Faculty Mentor. Mentors meet with the Scholars throughout each semester.  
Scholars attend at least one STEM-related fieldtrip and two STEM seminars each semester.  
Tutoring services in Natural Sciences, Computer Science, and Mathematics are provided by SA at no cost for all UHD students, including Noyce Scholars.

#### HUNSTEM:

Scholars have access to the online interactive resources guided by Texas standards.  
Opportunities to collaborate with STEM K-16 teachers and professionals are provided.

#### Noyce Field Experience:

Each Scholar will participate within the Noyce Mentoring Program, which pairs them with a current in-service high school science teacher within Aldine ISD throughout the academic year.  
Scholars are also given the opportunity with funding to participate in STEM research during the summers.

#### Noyce Workshops:

Noyce Scholars and science teachers from within Aldine ISD participate in a one-week workshop together each June. Participants learn pedagogy, science content, and societal issues in the classroom.