

PARTICIPATING SCHOOL DISTRICTS  
High School WISE

- Comsewogue UFSD
- Hauppauge SD
- Islip UFSD
- Patchogue-Medford UFSD
- Riverhead CSD
- Rocky Point UFSD
- Shoreham Wading River UFSD
- South Country CSD

Middle School WISE & TechPREP

- Brentwood UFSD
- Hauppauge SD
- Patchogue-Medford UFSD
- William Floyd UFSD

The cost of the program for the 2024-2025 school year is \$1,650 per student plus teacher stipend. The program is coordinated and reimbursed through Eastern Suffolk BOCES. Each district must provide a teacher or chaperone to accompany the students. Transportation is provided by each school district. Eastern Suffolk BOCES can provide transportation for an additional fee if district is unable to provide busing.

WISE COMMUNITY PARTNERS

- Eastern Suffolk BOCES
- Center for Community Engagement at Stony Brook University
- Department of Technology & Society at Stony Brook University
- Girls Inc. of Long Island
- Long Island Regional Service Learning Network
- Suffolk County Girl Scouts

For more information, contact:

Danielle Hudek, Program Administrator at  
Eastern Suffolk BOCES (631) 244-4250  
WISE (631) 632-3282



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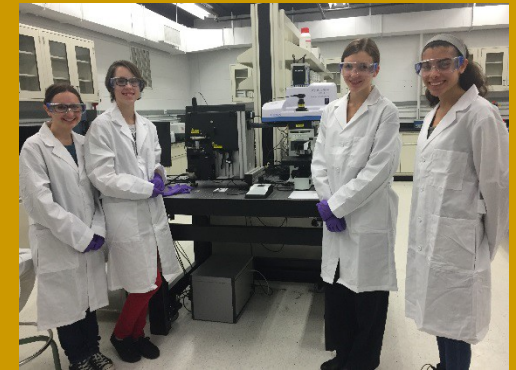
Kate Davern – Educational Support Services

[www.esboces.org](http://www.esboces.org)

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# Women in Science & Engineering (WISE) Stony Brook University



## 2024-2025 Pre-College Programs





## Women in Science & Engineering (WISE)

Pre-College WISE provides multi-faceted middle and high school programs designed for young women who show academic promise or interest in science, technology, engineering, and mathematics (STEM).

WISE aims to encourage young women to pursue STEM by providing exciting and engaging hands-on research and learning opportunities.

WISE hires university graduate students and faculty to mentor younger students. The mentors work closely with the WISE Honors College to provide STEM curricula. Students attend field trips to local research institutions such as Brookhaven National Lab, Cold Spring Harbor Lab, or Stony Brook Southampton.

Some previous course tracks have included:

- Clinical Laboratory Sciences
- Linguistics & Neuroscience
- Chemistry (Geo and Bio)
- MAT Lab & Java Coding
- Engineering (Civil, Materials Science, Mechanical)
- Marine Sciences
- Computer Science
- Physics

### PROGRAM HIGHLIGHTS

- 10 two-hour sessions
- STEM Education Program
- WISE University Mentors
- Research Opportunities
- Field Trips
- Career Speakers
- Collaboration with School Districts
- SBU Faculty and Graduate Students
- Capstone Event
- Invitations to SBU events such as "Engineering Day" and "Girl Power in STEM"

WISE programs focus on providing opportunities to female students interested in experiencing and learning about STEM education and careers.



## High School WISE

A three-year program that focuses on a different aspect of STEM learning and research each year.

**10th Grade:** Students are introduced to STEM applications through hands-on group activities. Students will have opportunities to visit laboratories to obtain firsthand experience.

**11th Grade:** Students participate in smaller group activities led by faculty, graduate students, and undergraduate WISE mentors. Students will have the opportunity to partake in research alongside scientists.

**12th Grade:** Students choose between participating in a group project, independent research, or an individual project.

## Middle School

Students in grades 6-8 are introduced to engineering fields through an innovative and hands-on curriculum with mentors and SBU faculty. M.S. WISE is held for 10 two-hour sessions after school throughout the year either virtually or at Stony Brook University.