

2023-2024
HSES School Profile
CEEB Code: 333674



HIGH SCHOOL FOR ENVIRONMENTAL STUDIES

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Home of the E.A.G.L.E.S.
Environmentally Aware Global Leaders
and Enlightened Scholars



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MISSION

At the High School for Environmental Studies, we provide numerous opportunities for our students to achieve the highest levels of excellence, both in and out of the classroom. The vision of the administration and staff is to create a learning environment that continuously empowers and motivates students, prepares students for life-long learning and scholarly pursuits, rigorously meets the needs of and prepares every student to be a creative problem solver and a competent decision maker. Teachers offer interdisciplinary program emphasizing environmental studies: the natural environment, the urban environment, and environmental ethics. Students are expected to engage in research, environmental projects and internships, and complete a senior thesis.

A FEW HIGHLIGHTS

<p><u>HSES Rooftop Garden</u> All students are invited to develop horticultural skills by planting and maintaining a wide variety of crops and flowers.</p>	<p><u>Hydroponics</u> Students apply chemistry and biology concepts learned in the classroom as they oversee a hydroponic garden.</p>	<p><u>CBS-TV Media Studio</u> CBS-TV has donated technology for the CBS-TV Media Studio where students create videos on environmental and other school-related themes.</p>
<p><u>HSES Internship Program</u> Our internship coordinator provides a plethora of internship opportunities for all students. Students can apply internship hours to a CDOS Certificate.</p>	<p><u>Robotics</u> Students prepare and build a competition-ready robot for the First Tech Challenge (FTC) Robotics Competition.</p>	<p><u>College and Career Readiness</u> Starting in the ninth grade, students are provided with opportunities to help them to develop college and career readiness skills. College and Career Readiness seminars and teacher collaborations abound.</p>

FACILITIES AND PARTNERSHIPS

<p>FACILITIES State-of-the-art Library Media Center Student Center Weight Room Music Room with full orchestral instruments Ceramics/Kiln Facilities Yoga/Dance Studio Promethian Boards Media Production Center All students receive technology</p> <p>PARTNERSHIPS Cornell University Cooperative Extension</p>	<p>PARTNERSHIPS Hochman Writing Revolution University of Vermont: Rubenstein School of Environmental Studies Lincoln Center Arts and LEAD Program Alvin Ailey WISE Financial Literacy SUNY ESF Stone Barns NYC Parks Office of Sustainability Girls Who Code Hudson River Sailing IMM Schools Sun Works</p>	<p>PARTNERSHIPS Achieve 3000 NYC Department of Environmental Protection FIRST NYC Robotics/ Cornell Tech New York University School of Philosophy Goddard Riverside Options Hunter College - College Now Jewish Board of Family and Children Services John Jay College - College Now Relationship Abuse Prevention Program (RAPP) Sponsors for Education Opportunity (SEO) University of Wisconsin, Madison</p>
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STUDENT DIVERSITY

Hispanic/Latino:	63%
Black/African American:	16%
Asian:	12%
White:	07%
English Language Learners:	08%
Special Needs:	18%
Daily Attendance:	91%
Free/Reduced Lunch Eligible:	73%
<i>Class of 2023 Graduation Rate</i>	90%

CLASS OF 2024

HSES total enrollment is 1,128
 Class of 2024 enrollment is 297.

Mean SAT Score	Mean Reading and Writing Score	Mean Math Score
953	481	472

GRADING SYSTEM

Grade Scale	Letter Scale	Point Scale	Grade Scale	Letter Scale	Point Scale
93-100	A	4.0	80-81	C+	2.3
91-92	A-	3.7	75-79	C	2.0
89-90	B+	3.3	73-74	C-	1.7
84-88	B	3.0	71-72	D+	1.3
82-83	B-	2.7	65-70	D+	1.0
80-81	C+	2.3	0-64	F	

*Failing grades for students with IEP is 55.

Additional Transcript Information

- An exam score of 'WA' or 'WG' indicates that this Regents exam is waived.

2018-2023 COURSES

Students who enter the HSES Honors Academy in the 9th or 10th grades, typically take Honors courses in core subject areas. HSES currently offers 10 AP courses. The Honors classes are more comprehensive and offer a more intensive exposure to the subject matter. Sophomores who are in the Honors Academy can take AP courses with permission. Juniors and seniors are limited to two AP courses per year. Additional AP courses can be added on a case by case basis. Through a partnership with SUNY ESF, students at High School for Environmental Studies have the opportunity to enroll in high school courses that award college credit. (*Not Currently Offered)

<p><u>Social Studies</u> Global Studies Honors Global Studies AP World History Introduction to Ethics SUNY ESF Environmental Ethics US History AP US History Participation in Government *SUNY ESF Economics and Government AP US Government AP Psychology Japanese Studies Chinese Studies History of NYC Contemporary Issues</p> <p style="text-align: center;"><u>Arts</u></p> <p>*Art/Ethnography Art Appreciation Ceramics Comp Science and Media Art Theatre Arts Media Production Music/Advanced Music</p> <p>Health/Physical Education</p> <p style="text-align: center;">Peer Leadership</p> <p>College/Career Readiness</p> <p>Postsecondary Success</p>	<p style="text-align: center;"><u>Mathematics</u></p> <p>Algebra Geometry Honors Geometry Algebra II Pre-Calculus *Calculus AP Calculus AB *Quantitative/Statistical Reason *Data Science and Statistics Introduction to Data Science *Financial Planning Introduction to Statistics AP Statistics AP Computer Science</p> <p style="text-align: center;"><u>World Languages</u> (Beginner, Intermediate, Advanced)</p> <p>French Mandarin Spanish Italian</p>	<p style="text-align: center;"><u>Science</u></p> <p>LivingEnvironment *Introduction to the Environment Urban Environmentalism AP Environmental Science AP Biology Chemistry *Honors Chemistry *AP Chemistry Earth Science *Epidemiology and Public Health Environmental Robotics Environmental Hydroponics Intro to Food Systems Advanced Food Systems *Marine Biology Physics Astronomy</p> <p style="text-align: center;"><u>English</u></p> <p>English 9 Honors English 9 English 10 Honors English 10 English 11 *Honors English 11 AP English Literature English 12 SUNY ESF Environmental Writing Explorations in Literature Multicultural Literacy</p>
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STUDENT LIFE: CLUBS AND ORGANIZATIONS

Awards and Honors	In-School Service Opportunities	Sample Extra-curricular Activities
Posse Scholarship Winners Questbridge Scholars Winners Albert Shanker Scholarship NY Historical Society Student Historians College Board National Recognition Albert Shanker Scholarship Scholars Los Padres Scholar	National Honor Society HSES Student Information Technology Team Lab Assistant Peer Tutoring Peer Group Leadership Internship Program Service Learning Projects American Sign Language	Youth Environmental Stewards Rooftop Garden Robotics Feminist Club Drama Gay/Straight Alliance PSAL Sports GEN X Club Model UN Student Government Sustainability Yearbook

