

GREENWICH HIGH SCHOOL
Greenwich, Connecticut



CLASS OF 2020

GREENWICH HIGH SCHOOL

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<http://greenwickschools.org/ghs>

Ralph Mayo, Interim Headmaster

Richard Piotrkowski, Assistant Headmaster

BELLA HOUSE
House Administrator
Lucy Arecco

CANTOR HOUSE
House Administrator
Christina Shaw

CLARK HOUSE
House Administrator
David Walko

FOLSOM HOUSE
House Administrator
Dana Tulotta

SHELDON HOUSE
House Administrator
Brigid Barry

Counselors:

Kelly Dwyer x8095
Nicole Iachetta x8093
Danielle Nash x8092

Counselors:

Arianne Haley x8851
Colleen Mayo x 8852
Suzanne Patti x 8806

Counselors:

Roy Colson x8083
Shannon Presta x8085
Kristina Vaios x8082

Counselors:

Barbara Gong x8072
Sachem Hodgson x8068
Louis Quinn x8070

Counselors:

Evan Dubin x8058
Jennifer Lynch x8062
Mara Subach x8057

Alison Lochridge, College and Career Center x8046

Luis Rivera, Windrose 203-990-0439, x1902

Judith Nedell, Coordinator of Guidance x8097

*Recipient of the Secondary School Recognition Program For Educational Excellence Award
Presented by the United States Department Of Education*

| PROGRAM OFFERINGS | | | |
|---|---|---|---|
| COURSES | HONORS COURSES | A.P. COURSES | PROGRAM |
| Grade 9—112,113, 113A; Grade 10—211,212; Grade 11/12—300, 400: English Literature & Composition 1, 2, & 3, American Literature 1 & 2, British Literature, Literature of the Ancient World, Modern World Literature, Medieval Literature, Renaissance Literature, Short Fiction, Creative Writing, Essay Writing, Film as Literature, Journalism, Public Speaking | Honors English 213; Honors English 500: American Literature 1 & 2, British Literature, World Literature, Modern Literature, Renaissance Literature, Medieval Literature, Short Fiction; Honors Shapers of the World | AP English (Literature and Composition) AP English (Language and Composition) | ENGLISH |
| ESL 1,2,3 English, ESL 4 Literature, ESL American History, ESL Biology, ESL Chemistry, ESL Mathematics 1 & 2, ESL Practical Biology, ESL 1, 2 Social Studies, ESL World Themes, ESL 2 Lit | | | ESL |
| French: 1, 1A, 2, 3A, 4, 5, 6; German: 1, 2, 3, 4; Mandarin Chinese: 1,2,3,4; Italian 1,2,3,4,5; Latin 1,2,3; Spanish: 1, 1A, 2, 3A, 3B, 4, 5, 6; Spanish Language & Literature; Latin American Studies; Advanced Spanish & Modern Latin America; Advanced Spanish Drama Works; American Sign Language 1, 2, 3, 4 | Honors French: 4, 5, 6 Honors German 4 Honors Latin Seminar Honors Mandarin Chinese 4 Honors Spanish: 4, 5, 6 | AP French Language AP German Language AP Mandarin Chinese AP Spanish Language AP Spanish Literature | AP Italian Language WORLD LANGUAGES |
| Extended Algebra, Algebra 1, Algebra 1/Geometry Course 1, 2, 3, Geometry B, Geometry A, Algebra 2B, Algebra 2A, PreCalculus 1 and 2, Calculus, Discrete Mathematics 1 and 2, Statistics 1 and 2, Intro to Computer Programming, Topics in Mathematics, Javascript | Honors Geometry Honors Algebra 2 Honors PreCalculus Honors Advanced Calculus | AP Calculus –AB AP Calculus –BC AP Computer Science AP Statistics | MATHEMATICS |
| Animal Behavior, Astronomy, Behavioral Ecology & Sociobiology, Biology, Chemistry, Collaborative Science and Technology, Ecological Field Studies, Environmental Chemistry, Environmental Experiences, Forensic Science, Forensic Science II, Geology and Meteorology, Global Information Systems, Horticulture, Human Biology, Integrated Science Practical Biology, Practical Chemistry, Marine Biology, Physics, Practical Physics | Honors Astronomy, Honors Biology, Honors Chemistry, Honors Environmental Chemistry, Honors Marine Biology, Honors Physics, Honors Science Research, Honors Integrated Science | AP Biology AP Chemistry AP Environmental Science AP Physics—C level AP Physics 1 AP Physics 2 | SCIENCE |
| Global Studies 112, 113, 113A, American History 211, 212; Civics 300, 400; Contemporary America 300, 400; China Today, Contemporary Global Issues, Ethics, Introduction to Economics, Law in America, Modern European History, Psychology, Sociology and its Applications | Honors American History 213 500: Honors Civics, Honors Contemporary America, Honors China Today, Honors Contemporary Global Issues, Honors Law in America, Honors Modern European History | AP U.S. History AP Psychology AP U.S. Government & Politics AP Comparative Government & Politics AP Economics | AP European History SOCIAL STUDIES |
| Art Appreciation, Art Experience, Art in Nature, Computer Arts, Adv. Computer Arts, Intermediate Computer Arts, Clay, Adv. Clay, Design, Intro to Drawing, Drawing & Painting, History of Art, Introduction to Drawing, Lettering & Layout, Printmaking, Photography, Intermediate Photography, Advanced Photography/Digital Darkroom, Sculpture | Honors Art History of Art (Shapers) | AP Studio Art AP 2D Design: Photography AP 3D Design: Ceramics AP Art History | VISUAL ARTS |
| Intro to Digital Video Production, Intermediate Digital Video Production, Advanced Digital Video Production, Broadcast Journalism | Honors Advanced Digital Video Production | | MEDIA |
| Accounting 1, Business Law, Career Planning, Entrepreneurship, Investments, Keyboarding with Word Processing, Marketing, Advanced Marketing, Personal Finance, Power Point, Advanced Word Processing, Work Experience | Honors Financial Accounting | | BUSINESS EDUCATION |
| Acting 1 & 2, Advanced Theatre Seminar, Advanced Improvisation & Performance, Comedy & Improvisation, Stagecraft & Design, Theater Workshop, On Stage | Honors Theater Workshop Honors Advanced Theater Seminar Honors Onstage | | THEATER ARTS |
| Cardinal Cooks, Advanced Cardinal Cooks, Fashion Design, Advanced Fashion Design, Human Development, Independent Living, Interior Design, Relationships, Baking & Pastry Arts | Honors Culinary Skills Honors Individual and Family Development | | FAMILY AND CONSUMER SCIENCES |
| Architecture Design with CAD, Collaborative Science and Technology, Construction & Bio-Related Technology, Engineering Technology, Design & Build, Intro. To Design Build A/B, Intro. To Graphic Communication, Power and Energy Tech., Production & Design, Transportation Tech., Graphics Communication, Special Topics, World of Technology, 3D Computer Graphics & Virtual Reality | Honors Engineering Technology Honors 3-D Game Making | | TECHNOLOGY EDUCATION |
| Band: Beginning, Concert, Symphony, Marching, Percussion, Jazz Ensemble, Jazz Lab, Wind Ensemble; Chorus: Chorale, Concert Choir; Orchestra: String Ensemble, Symphony Orchestra, String Quartet; Intro to Electronic Music, Electronic Music 1, Musicianship, Intro to Music Theory, Instrumental Class, Guitar | Honors Band, Honors Wind Ensemble, Honors Jazz Ensemble, Honors Percussion Ensemble, Honors Electronic Music, Honors Orchestra, Honors Chamber Singers, Honors Madrigals, Honors Witchmen | AP Music Theory | MUSIC |
| Phys. Ed 9,10,11,12, Wellness 9, 10,11,12, Body Image & Media, Musical Theatre Dance, Orienteering, Personal Training, Self Defense, Sports Medicine, Lifeguard Training | | | PHYSICAL EDUCATION |

SCHOOL AND COMMUNITY

Greenwich, Connecticut, “Gateway to New England”, is a suburban community of over 62,000 residents, located less than an hour from the heart of New York City. A large percentage of residents are college graduates in professional and business careers. The community enjoys a long history of support for its public schools.

Greenwich High School is a four-year comprehensive high school serving 2774 students of ethnic, cultural and economic diversity. Students are randomly assigned to one of five houses. These five houses adjoin a one-acre enclosed area, the Student Center, which serves as cafeteria, meeting hall and place to spend free time. A large Media Center supports all learning programs of the school and helps students become lifelong learners by providing a wide variety of information, resources and technology. The School’s philosophy of freedom with responsibility encourages students to make decisions affecting both their study and leisure time.

Recent national surveys identify Greenwich as one of the top high schools in the United States, offering over 350 different courses and a wide variety of co-curricular activities. The school fields forty-two varsity teams which have won numerous county, state and regional championships. Students and teachers consistently earn recognition and high honors not only for academic achievement, but also for artistic, dramatic, and musical accomplishments.

FACULTY

At present, approximately 95 percent of the 265 faculty members have earned Master’s Degrees or higher.

ACCREDITATION

Greenwich High School is accredited by the New England Association of Schools and Colleges.

INFORMATION ON THE CLASS OF 2019

| | |
|-------------------|------|
| Four Year College | 87% |
| Two Year College | 6% |
| Employment | .4% |
| Military | .7% |
| Career/Tech Ed | 1.3% |
| Other | 4.6% |

SENIOR CLASS SIZE— 702 (Class of 2020)

GRADUATION CREDITS/REQUIREMENTS CLASS of 2020

| | | | |
|-----------------------|-----|---------------------|-----|
| English/Language Arts | 4.0 | Arts | 1.5 |
| Mathematics | 3.0 | Physical Education | 1.0 |
| Science | 3.0 | Health | .5 |
| Social Studies | 3.0 | Electives | 4.0 |
| World Language | 2.0 | | |
| Total | | 22.0 credits | |

Includes a full year of American History, a semester of Civics, a full year of biological science, and a full year of a physical science. Students are also required to meet the performance standard in reading, writing, mathematics and science. To be eligible for a GHS diploma, a student must have attended GHS for at least one full semester immediately prior to graduation.

GRADING SYSTEM

A+ = 4.33, A=4.00, A-=3.67, B+= 3.33, B=3.00, B-=2.67, C+=2.33, C=2.0, C-=1.66, D+=1.33, D=1.0, D-=.66, F=Failing, W=Withdrawn, M=Medical, P=Pass, I=Incomplete, N=Audit

Greenwich High School does not rank students, nor provide decile placement. We do provide a grade point average based on final grades. The GPA is calculated for all subjects with AP and Honors courses weighted on a scale of A=5, B=4, C=3, D=2, F=0, with AP and Honors courses in bold on the transcript.

NATIONAL MERIT SCHOLARSHIP PROGRAM

| | |
|------|--|
| 2017 | 10 Semi-Finalists; 37 Commended Scholars |
| 2018 | 15 Semi-Finalists; 31 Commended Scholars |
| 2019 | 12 Semi-Finalists; 45 Commended Scholars |
| 2020 | 14 Semi-Finalists; 31 Commended Students |

ADVANCED PLACEMENT TESTING

2210 Advanced Placement Examinations were administered to 873 students in May, 2018 and were scored as follows:

| |
|----------------------------|
| 31% - score of 5 |
| 65% - score of 4 or better |
| 89% - score of 3 or better |

Sixty-two percent of seniors in Class of 2019 scored a 3 or higher on at least one AP exam.

Greenwich High School offers 29 AP courses, 7 courses approved for college credit through the UCONN Cooperative Program, 70 Honors courses, and an Honors option in other subjects.

ADMISSIONS TESTING PROGRAM

666 of students in the Class of 2019 took the College Board SAT:

The middle 50% scored 1050-1360
Mean Score ERW 602 Mean Score MATH 599

127 students in the Class of 2019 took the ACT:

The middle 50% scored 24-30
Mean Score 29.5

SPECIAL PROGRAMS

The ESL (English as a Second Language) Program provides classes in English, Mathematics, Social Studies, Biology and Chemistry for students with limited English proficiency.

For students who are in need of an alternative educational experience, Greenwich High School provides the full-time Windrose Program, located off campus.

Special Education Programs provide services ranging from support for mainstream classes to a Comprehensive Support Program located at GHS and the Windrose Program located off campus.

The Independent Study Program awards credit to students who pursue projects above and beyond the curriculum. All projects are approved and evaluated by an Independent Study Committee.

Honors Science Research is a course for students to select, develop and conduct an independent research project and develop the skills of reporting and presenting their research.

We The People is a special section of the AP Government courses in which students participate in a state and national level constitutional law contest conducted in a congressional hearing format.

AVID (Advancement Via Individual Determination) is a nationally recognized research-based framework and curriculum which supports students through writing, inquiry, collaboration, organization, and research in their preparation to attend college.

Innovation Lab is an academically rigorous school-within-a-school program option. The program offers a college prep and an honors curriculum. The approach is interdisciplinary, team taught, and project-based. Courses are designated with IL on transcript.

NOTES

Greenwich High School does not share disciplinary records with post secondary institutions. We counsel students to answer honestly any question regarding their disciplinary history on their college applications.

In 2012 Greenwich High School instituted an attendance policy. If credit is lost due to attendance, the student’s transcript will reflect the loss of credit, calculated by semester. The grade earned in affected courses will still be included in the cumulative GPA.

**Narrative Supplement to Greenwich High School Profile
Special Programs**

Innovation Lab Program

Innovation Lab is a rigorous, cross-disciplinary, school-within-a-school program at Greenwich High School that begins in sophomore year and offers grade-level and honors curricula. This progressive model is designed and implemented by a dedicated team of GHS educators who are leveraging innovative teaching methods, project-based and blended learning strategies, and leading technology applications, all within the larger infrastructure of GHS. In this approach to learning, students develop the requisite skills and content knowledge for core academic classes by connecting to questions and topics of interest and, with guidance, discovering their passions and impacting the community at large through public presentations of learning.

Student Schedules within Innovation Lab:

Sophomores and Juniors in Innovation Lab enroll in a double block STEM class, a double block Humanities class, and a one block Design Studio class within the program. Humanities blends curricular requirements from both the English and Social studies departments. During the sophomore year STEM, students take Environmental Chemistry and typically either Algebra II or Precalculus. In junior year STEM, students take Physics and either Precalculus or Calculus. STEM and Humanities courses are team taught.

Seniors in Innovation Lab enroll in an internship and research support class, designated as Design Studio 12, as well as at least one of the two InLab research classes: Social Science Research or Science Research. Senior year schedules are planned in conjunction with school counselors and InLab faculty to support personalized learning goals. While our 12th grade students take more classes in the wider high school than sophomores and juniors, all classes are deliberately chosen to support their Senior year InLab projects. **Although Innovation Lab offers both standard college preparatory and honors level courses, there are no AP classes offered, as these conflict with both our philosophy of depth over breadth and our unique scheduling needs.** All Innovation Lab students take World Language, Physical Education, and other elective classes in the wider high school. They also participate in the wide array of extracurricular activities available at GHS.

For more information about Innovation Lab please see our website at:

<https://ghsinnovationlab.com/>

Sophomore year Innovation Lab Transcript Designations:

| | |
|---------------|---|
| Humanities: | English 212 IL or Honors English 213 IL And American 212 History IL or Honors American History 213 IL |
| STEM: | Environmental Chemistry IL or Honors Environmental Chemistry IL And Algebra 2A IL, Honors Algebra 2 IL, Algebra 2 B IL, Honors PreCalculus IL, PreCalculus IL, Algebra/ Geometry II IL, or Algebra/Geometry III IL |
| Design Studio | IL Design Studio (grade 10) |

Junior year Innovation Lab Transcript Designations:

| | |
|---------------|---|
| Humanities: | Semester One American Literature 2 IL or Honors American Literature 2 IL And Civics 400 IL or Honors Civics IL Semester Two Modern World Literature IL or Honors Modern World Literature IL And Introduction to Economics IL, Honors Introduction to Economics IL, Law In America IL, Honors Law in America IL, Contemporary Global Issues IL, and Honors Contemporary Global Issue IL |
| STEM: | Practical Physics IL, Physics IL, or Honors Physics IL And PreCalculus IL, Honors PreCalculus IL, Discrete Math IL, Algebra/Geometry III IL, or Calculus IL |
| Design Studio | IL Design Studio (grade 11) |

Senior year Innovation Lab Transcript Designations:

| | |
|---------------|--|
| Humanities: | Social Science Research IL or Honors Social Science IL |
| STEM: | Science Research IL or Honors Science Research IL |
| Design Studio | IL Design Studio (grade 12) |

Integrated Science and Honors Biochemistry Course Sequence

Greenwich High School (GHS) currently offers two science college/university preparatory tracks for incoming high school students. Students may self-select either the traditional sequence of 9th grade biology and 10th grade chemistry or an innovative and equally rigorous sequence of **9th grade Integrated Science and 10th Honors Biochemistry**. Both sequences offer a demanding, college-preparative, laboratory-based science experience and students are eligible to enroll in AP or other science electives upon successful completion of either pathway. Our department is committed to student choice and meeting the needs of our learners in their lifelong pursuit of science literacy, and strongly advise admissions personnel to consider both tracks as establishing the necessary content and skill development essential for student success in top quality institutions of higher education.

The 9th grade Integrated Science to 10th grade *Honors* Biochemistry sequence is a ***rigorous, college-preparatory, laboratory-based*** sequence developed to engage students with authentic and meaningful state-of-the-art science concepts and practices. Units revolve around science phenomena that demonstrate how scientific disciplines connect. Content is delivered in innovative modes, and many aspects of the core concepts are explored more deeply, in a collaborative, project-based, technology-enhanced classroom. Students have frequent opportunities to conduct inquiry-based laboratory investigations and authentic scientific research.

The Next Generation Science Standards (NGSS) supports such an approach in the comprehensive document created through an unprecedented collaboration between the National Research Council (NRC), the National Science Teachers Association (NSTA), and the American Association for the Advancement of Science (AAAS). This national document describes a shift in science teaching to advance learning within the STEM fields. Such key points include: students engage in science learning at the nexus of three dimensions – science and engineering practices, crosscutting concepts, and disciplinary core ideas; concepts in the NGSS build coherently from kindergarten through 12th grade; NGSS focus on both deeper understanding and the application of content; science and engineering are integrated; the focus is on college *and* career readiness in preparation for citizenship. Our 9th Integrated Science to 10th grade *Honors* Biochemistry sequence embodies many of these principles.

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Shapers of the World Course

Honors English: 1 credit History of Art: 0.5 credit History of Music: 0.5 credit

“Shapers” is an interdisciplinary humanities course in which students explore how human beings have shaped their individual experiences in ways that have had a significant impact on society. Students examine common threads which link such disciplines as literature, art, music, philosophy, history and science in the development of human civilization. Students who decide to take this course are required to take a full year of the literary/historical component, art history and music history. The course focuses on the creative impulse, the human need to express, define, create, and find meaning. An additional component of the course is an annual, optional trip to Europe during a school vacation. Students and teachers who travel to Europe attend lectures and performances, visit historical sites and art museums, and deepen their understandings of culture and the humanities through peripatetic learning.

All units involve:

- The study of form and structure in the arts
- Analysis of major works in each creative form
- Exploration of universal themes and essential questions in human experience
- Historical and aesthetic connections among many cultures
- Examination of noteworthy “Shapers” and significant cultural movements
- Field experiences such as attendance of dramatic and musical performances, art museums, and cultural events

Course readings in the literature course include most of the following works:

- Creation myths
- *The Iliad*, Homer
- Greek drama by Aeschylus, Sophocles, and Euripides
- Greek philosophy by Plato and Aristotle
- *The Inferno*, Dante
- *The Decameron*, Boccaccio
- *The Prince*, Machiavelli
- Plays and poetry of Shakespeare
- Additional poetry, historical texts, and essays

Prerequisites:

- A grade of B or better in a 500-level honors English course
- Teacher recommendation

Shapers Student Profile:

- Independence of motivation and thought
- Ability to do extensive and intensive reading
- Critical and analytical approaches to reading, writing, and speaking
- Fluency and originality in thought and expression
- Genuine interest in the arts
- Willingness to task risks; especially with “hands-on” experiences
- Ability to complete multiple, simultaneous long-range assignments

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