



STANFORD UNIVERSITY ONLINE HIGH SCHOOL

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Accreditation: WASC

CEEB Code: 054127

THE SCHOOL

The Education Program for Gifted Youth Online High School (OHS) at Stanford University is an independent school for gifted students in grades 7-12. The school was founded in 2006 as a three-year high school, and subsequently was expanded to include grades 7-9 so as to provide a stronger foundation for our younger students. OHS has been accredited by WASC since 2006. It also has been approved as an online provider by the University of California since 2008. The mission of OHS to provide a stimulating and challenging education that equips and inspires talented students to academic and professional success is implemented through our rigorous academic program and the substantial resources of Stanford University.

ADMISSION

OHS draws students seeking a rigorous academic program and a flexible college-like class schedule that encourages independence, discipline, and strong time-management skills, and that allows our students to pursue their diverse interests and exceptional talents. OHS offers full-time, part-time and single-course enrollment options. Students attending OHS come from diverse ethnic, socio-economic, and educational backgrounds, and live across the United States, Europe, and Asia. Financial aid ensures that OHS is accessible to all qualified students.

COURSES

Core Sequence

Methodology of Science: Biology
History of Science: Great Ideas,
Observations and Experiments
Democracy, Freedom & the Rule of Law
Critical Reading & Argumentation
The Core is a sequence of courses that employ philosophical techniques, strategies, and standards in disciplines across the humanities and sciences.

English

Fundamentals of Expository Writing
History & Literature: Gilgamesh to Shakespeare
Grammar and Style
Textual Analysis & Argumentation
Modes of Writing & Argumentation
AP English Language & Composition
AP English Literature & Composition
University Level
Making Moby Dick
20th Century Genre Theory & Practice

Music

AP Music Theory

Foreign Language

Chinese 1
Chinese 2
Chinese 3
AP Chinese
Advanced Language Seminar in Chinese
Latin 1
Latin 2
Latin 3
AP Latin Vergil

History

Introduction to US History & Geography
History & Literature: World Civilizations to 1600
AP World History
AP United States History
International & Global History
University Level
The Two World Wars
The Twentieth Century World

Computer Science

Introduction to C Programming
Programming in C: Algorithms & Techniques
Advanced Topics in C
Introduction to Java
AP Computer Science

Science

Inquiry-based Physics
Foundations in Science: Energy & Matter
Honors Chemistry
Honors Chemistry Lab*
AP Physics B
AP Physics C: Mechanics
AP Physics C: Electricity & Magnetism
AP Physics B & C Lab*
AP Chemistry
AP Chemistry Lab*
AP Biology
AP Biology Lab*
Research Topics in Biology
University Level
Light and Heat
Modern Physics
Intermediate Mechanics I & II
Intermediate Electricity and Magnetism I & II
Introduction to Quantum Mechanics

Mathematics

Honors Beginning Algebra
Honors Intermediate Algebra
Honors Geometry
Honors Precalculus with Trigonometry
AP Calculus AB

AP Calculus BC
AP Statistics
University Level
Linear Algebra
Multivariable Differential Calculus
Multivariable Integral Calculus
Differential Equations
Complex Analysis
Modern Algebra
Real Analysis
Partial Differential Equations
Number Theory
Introduction to Logic
Economics

Summer Session

During this optional two-week session held annually on Stanford campus, students take mini-courses, such as Mathematics Circles, Shakespeare, Topics in Philosophy: Structures of Reasoning, and Writing Styles, which delve more deeply into material studied during the academic year. Students also gain significant experience in an authentic laboratory environment in two-week long science lab courses that complement their at-home lab work.

All OHS courses are advanced. Course titles designate their place in the curriculum, not rigor. GPAs are unweighted.

* Offered during residential Summer Session.

THE ACADEMIC PROGRAM

All aspects of our curriculum embody our philosophy that an education must foster skills of critical reasoning and argumentation while at the same time engaging students in advanced academic content. A central component of the OHS education is our unique Core Sequence, which cultivates critical and creative thought and provides a common intellectual framework that lends unity to our curriculum and the experiences of our students. Students also have ample opportunity to deepen their knowledge in particular disciplines through our broad offering of Advanced Placement (AP) and university-level courses, as well as advanced directed study.

Central to the academic experience is high-level engagement with course material in college-style seminar discussions among instructors and students, which are conducted in real-time using web-based video conferencing technology. In the summer residential program, students work in the wet labs, libraries, and archives at Stanford University.

TEACHING STAFF

Our instructors are chosen for their expertise in their academic disciplines and for their experience teaching highly talented students at both the high school and college levels. Most members of our teaching staff hold advanced degrees from prestigious institutions.

Highest Degrees

PhD	17	68%
Master's	7	28%
Bachelor's	1	4%

AVERAGE TEST SCORES FOR THE CLASS OF 2011

Test score summaries are presented with two caveats: the sample size is small and, because our students do not test on site, score reporting has been unreliable. Please view this section accordingly.

SAT Summary 2400	Middle 50%	Mean Score
Critical Reading	690-780	737
Math	690-780	748
Writing	700-760	733
Total	2080-2330	2218

ACT Summary	Middle 50%	Mean Score
Composite	33-35	34.3
English	31-36	33.7
Math	33-36	34.4
Reading	30-32	31.0
Science Reasoning	32-34	33.3

AP Scores

Number of students taking an AP: 17
Total number of AP tests: 81
% of students scoring 4 or 5: 85%
% of students scoring 3 and above: 98%

Five National Merit Semi-Finalists in 2011

Three National Merit Finalists in 2011

ENROLLMENT

Current enrollment of both full-time and part-time students stands at 409 with 43 seniors, 30 of whom are expected to earn diplomas from OHS in 2012.

COLLEGE ACCEPTANCES & MATRICULATION

The following is a representative listing of the institutions to which OHS graduates have been accepted and matriculated from 2007-2011.

Amherst College	Pepperdine University*	University of Chicago*
Bard College	Princeton University*	University of Colorado Boulder*
Biola University	Purdue University	University of Connecticut
Boston Conservatory	Quest University Canada	University of Illinois at Urbana-Champaign*
Boston University	Reed College*	University of London, King's College
Brandeis University	Rice University*	University of Michigan*
Brigham Young University	Rose-Hulman Institute of Technology*	University of Minnesota†
California Institute of Technology	Rutgers University†	University of North Carolina at Chapel Hill*
California Polytechnic State University, San Luis Obispo†	Saint Mary's College of California†	University of Notre Dame*
Carnegie Mellon University	Sarah Lawrence College*	University of Oregon†
Case Western Reserve University†	Scripps College*	University of Oxford
College of William and Mary	Skidmore College	University of the Pacific*
Colorado School of Mines	St. Olaf College†	University of Pennsylvania
Columbia University†	St. John's College	University of Redlands*
Cornell University*	Stanford University*	University of Rochester†
Dartmouth College†	Swarthmore*	University of Southern California*
Dickinson College*	Texas A&M University	University of Texas at Austin
The George Washington University	The College of New Jersey*	University of Virginia
Georgetown University	Tufts University	University of Washington†
Harvard University*	Tulane University	University of Wisconsin, Madison†
Harvey Mudd College	University College London	Ursinus College*
Johns Hopkins University*	University of British Columbia	Valparaiso University
Lewis & Clark College*	University of California at Berkeley*	Vanderbilt University
Loyola Marymount University*	University of California at Davis*	Washington State University
Massachusetts Institute of Technology†	University of California at Irvine†	Wellesley College†
McGill University	University of California at Los Angeles*	Wheaton College, MA*
New College of Florida	University of California at Merced	Whitman College†
New England Conservatory of Music	University of California at Riverside	Williams College†
New York University†	University of California at Santa Barbara†	Worcester Polytechnic Institute
Occidental College	University of California at San Diego*	Yale University
	University of California at Santa Cruz†	

* Institutions to which 4 or more students have been accepted.

† Institutions to which 2 or more students have been accepted.

STUDENT LIFE

Outside of formal class time, OHS students participate in a rich array of interactions and clubs. Instructor-supervised student activities include a nationally-awarded Junior Engineering Technical Society (JETS) team, student government, the student newspaper, and a variety of other clubs dedicated to cultural and academic interests. The strong community at OHS helps students balance their rigorous academic work with the pursuit of entrepreneurial activities, advanced research projects, and their talents in the fine arts and athletics at highly competitive and international levels.

GRADUATION REQUIREMENTS

The OHS diploma is available to those who complete a minimum residency and a full set of graduation requirements which can be met in a variety of ways. Our curriculum allows students to pursue an individualized course of study, which is either full time or part time. They can concurrently take a proportion of courses at other institutions or transfer existing course credits to meet their graduation requirements. Academic planning is flexible enough to accommodate deep interest in a given area or acceleration in one or more disciplines.

A typical course of study at OHS comprises five academic classes per year for a total of twenty academic courses, which, for graduates, must include 4 years of English and Mathematics, 3 years of Laboratory Sciences and Social Sciences, and at least 2 years of a Foreign Language. In addition, diploma seekers take one course in the Core Sequence each year they are enrolled in the high school. They must also complete at least one AP or university-level course in each of the three areas: Humanities, Social Science, and Science or Mathematics.