

The High School Program



Education redefined.

 BASIS
INDEPENDENT™
FREMONT



High School **REDEFINED**

The globally benchmarked, nationally recognized BASIS Curriculum has set a gold standard in education since its inception in 1998. In our advanced STEM-focused liberal arts program, students grow to become participants, not spectators, in their education, in their school, and in the larger community. We provide the tools necessary for them to take charge of their learning and demonstrate leadership in and out of the classroom.

By giving students the opportunity to question and test their knowledge, and by providing an environment to explore success and failure, we help students grow to master subject material and real-life application. As a result of our approach, BASIS Independent Fremont graduates are admitted to the world's top colleges and universities, and poised to tackle whatever challenges come their way.

WHAT MAKES OUR TEACHERS DIFFERENT?

Ask any BASIS Independent Fremont student why they love their school and they will tell you, "the teachers." A hallmark of the BASIS Curriculum is the importance of subject expertise in teachers. Our Subject Expert Teachers (SETs) are educators with work experience in or advanced degrees in their discipline. Their enthusiasm, depth of knowledge, and real life expertise brings the subject matter to life, inspiring students to embrace challenges, understand practical application of skills and content, and master each subject at the highest international level.

"The teachers make you want to push yourself. They make you interested in a subject, they make you want to delve further into it, so you end up doing way more than you ever thought you could. No one encourages me more than my classmates, and my teachers are willing to help no matter what. In office hours, teachers set up two to three sessions, and students are encouraged to attend. I always feel supported by my peers and the school staff."

› **Sara, Grade 10, BASIS Independent Silicon Valley**

WHAT MAKES OUR CURRICULUM DIFFERENT?

Rooted in the liberal arts and sciences, the BASIS Curriculum offers all students exposure to high-level content and the creative, critical-thinking opportunities typically reserved for university-level studies. Supported by our SETs, students in grade 9 and above complete honors and Advanced Placement® (AP) courses to prepare for senior year, where students apply the skills and knowledge they have gained.

High School Curriculum

GRADE 9	GRADE 10	GRADE 11	GRADE 12
HONORS SCIENCE*	AP SCIENCE*	AP SCIENCE*	SCIENCE: CAPSTONE
HONORS LANGUAGE	HONORS SCIENCE*	HONORS SCIENCE*	HUMANITIES: CAPSTONE
HONORS LITERATURE	AP ENGLISH LANGUAGE OR HONORS ENGLISH	AP ENGLISH LITERATURE	FOREIGN LANGUAGE: CAPSTONE
AP US GOVERNMENT & POLITICS	AP US HISTORY	AP WORLD HISTORY	MATH: CAPSTONE
ALGEBRA II/GEOMETRY OR PRE-CALCULUS**	PRE-CALCULUS OR CALCULUS AB**	CALCULUS AB OR BC**	COLLEGE COUNSELING
WORLD LANGUAGE***	WORLD LANGUAGE***	WORLD LANGUAGE***	SENIOR PROJECT
ELECTIVE	ELECTIVE	ELECTIVE	

*Students select from honors- and AP-level biology, chemistry, or physics. **Students can advance in math based on fulfilling school course requirements. ***Spanish, French, Mandarin, or Latin.

"We give our students the ability to reach for the stars. There is literally no limit to what they can do here. They can take on any challenge, achieve any goal, and fulfill any academic dream they've ever had. Students here are intelligent and put in an incredible amount of work to pursue their goals. I just feel lucky enough to witness it all."

› **Mr. Thomas, Math Subject Expert Teacher, BASIS Independent Silicon Valley**

Sample Electives

Art 2D	Intro to Business
Art 3D	Intro to Engineering
Band/Orchestra	Intro to Organic and Biochemistry
Choir	Intro to Programming
Creative Writing	Photojournalism
Digital Photography	Physical Education
Drama	Piano
Film Studies	

Sample AP Electives

AP Art	AP Music Theory
AP Art History	AP Psychology
AP Computer Science	AP Statistics
AP Economics	AP Seminar
AP Environmental Science	

Course offerings vary each academic year depending on areas of expertise of our teachers and interest of the student community.

BASIS Independent Schools 2019 STATS

- Average AP exam pass rate was **94.3%** compared to the U.S. average of 59.1%
- Average AP score was **4.15** compared to the U.S. average of 2.89
- Average SAT score for BASIS Independent Schools graduates was **1485** compared to U.S. average of 1059
- Average ACT score for BASIS Independent Schools graduates was **33.5** compared to U.S. average of 20.7

The above results are the BASIS Independent Schools network which uses the same curriculum.

What Makes Our SENIOR YEAR DIFFERENT?

“Senior year allows students like me to differentiate themselves in the increasingly crowded market for college applications. Academic success depends on the publication of compelling research. Industry success depends upon delivering results that impact the bottom line of your research. This year enables me to prove that I can do both, while sampling the day-to-day work of my field of interest.”

› Vivek, Grade 12, BASIS Independent Silicon Valley

Senior year is a unique bridge to college; a transition from traditional classroom learning to applying knowledge in a real context. To achieve this unique approach, our students can fulfill all required coursework in grade 11 and focus their knowledge and skills into the three distinct pillars that make up senior year:

Capstone Courses complement the breadth of our program by adding depth, allowing students to dive into a specific branch of a discipline, such as Experimental Economics and Corporate Finance, Differential Equations, Biology of Cancer, and more. They offer exposure to course content and a classroom structure typical of college and university seminars.

College Counseling is a two-trimester-long daily class that allows college counselors to get to know students on a deeply personal level, help them determine what college and university options will align with their personal, educational, and professional goals with a focus on individual fit. Counselors ensure they have plenty of support as they prepare their applications.

The Senior Project is a three-month, student-driven, investigative project that allows students to cultivate original research. Eligible seniors* spend the last trimester of their high school careers applying the skills and knowledge they have gained to develop a project that is insightful, academically rigorous, and highly professional in nature. After designing a research question—around an area of which they are passionate or curious—students embark on a journey to answer it, conducting their research in the form of internships, university labs, field work abroad, and more. With the help of internal and external advisors, students document their findings as they go, culminating in a final presentation to the community.

*The Senior Project is only available to eligible seniors.



Campus Life: HOME OF THE YELLOW JACKETS!

Developing active learners does not just happen in the classroom. We offer a comprehensive program of clubs and athletics, and participate in local, regional, and national competitions. Through our extracurricular program, school traditions, Project Week, and College Counseling Boot Camp, we celebrate the diverse interests of our students as they connect studies with the real world, uncover new talents and skills, build lasting bonds of friendship and camaraderie, and shape the culture and traditions of our school community.

Sampling* of High School Athletics, Clubs, and Competition Teams:

Athletics	Clubs	
Basketball	Bento Box Club	K-Pop Dance Club
Cricket	Chess Club	LEGO Robotics
Cross-Country	Creative Writing Club	Practical Science
Self-Defense	Galileo Technic	Python Programming
Soccer	Java Programming	Speech and Debate
Table Tennis		
Volleyball		

*Examples drawn from common high school clubs at BASIS Independent Schools.

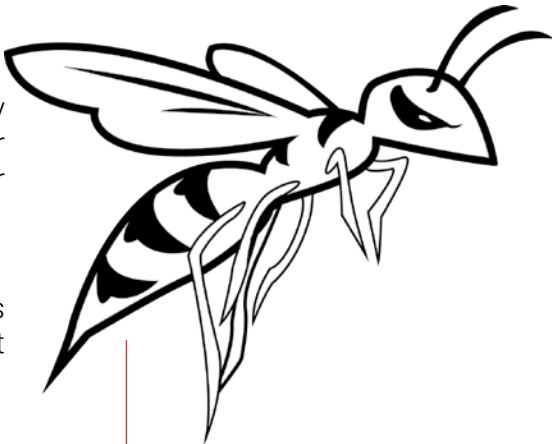
STUDENT SUPPORT

Deans & Directors of Student Affairs

Deans and directors ensure students can identify the many different channels and resources at their fingertips around school to help them achieve their goals, academic or otherwise.

Office Hours

Each teacher holds office hours weekly where students can visit for extra support or simply talk further about a topic that sparks their interest.



2019 BASIS Independent Schools COLLEGE ADMISSIONS

Amherst College
Arizona State University-Tempe
Arizona State University-Tempe (Business)
Arizona State University-Tempe
(Liberal Arts & Sciences)
Babson College
Barnard College
Baylor University
Baylor University (Art & Sciences)
Bentley University
Boston College
Boston University
Boston University (Kilachand Honors College)
Bryant University
Bucknell University
Cal Poly, San Luis Obispo
Cal Poly, San Luis Obispo
(College of Science & Math)
California Institute of Technology
California Lutheran University
California Northstate University
California Northstate University
College of Health Sciences
California State Polytechnic University, Pomona
California State Polytechnic University, Pomona
(College of Engineering)
California State Polytechnic University, Pomona
(College of Science)
California State University, Bakersfield
California State University, Fullerton
California State University, Long Beach
California State University, Sacramento
California State University, Fresno
Carnegie Mellon University
Carnegie Mellon University
(School of Computer Science)
Case Western Reserve University
Champlain College
Colorado School of Mines
Columbia University
Cornell University
Drexel University
Drexel University (BA/BS & MD Early Assurance)
Drexel University (College of Engineering)
Duke University
Emory University
Emory University (Oxford College)
Fordham University
Fordham University
(College of Business Administration)
George Washington University
Georgetown University
Georgia Institute of Technology-Main Campus
Georgia Institute of Technology-Main Campus
(College of Computing)
Hofstra University
Illinois Institute of Technology
Imperial College London
Indiana University-Bloomington
Lehigh University
Loyola Marymount University
Loyola University Chicago
Marquette University
McGill University
Miami University-Oxford
Milwaukee School of Engineering
New Jersey Institute of Technology
New York University
New York University (Gallatin School)
New York University (Stern School of Business)
Northeastern University
Oberlin College (Arts & Sciences)
Occidental College
Pennsylvania State University
Pepperdine University
Pitzer College
Pomona College
Princeton University
Purdue University
Purdue University (College of Engineering)
Purdue University (College of Science)
Purdue University (Honors College)
Purdue University (Krannert School of Management)
Reed College
Rensselaer Polytechnic Institute
Rice University
Rice University (School of Engineering)
Rochester Institute of Technology
Rochester Institute of Technology
(College of Engineering or Science)
Rose-Hulman Institute of Technology
Rutgers University-Newark
(College of Arts & Sciences)
Saint Louis University
Saint Louis University (College of Arts & Sciences)
San Diego State University
San Francisco State University
San Jose State University
Santa Clara University
Sarah Lawrence College
Scripps College
Seton Hall University
St Andrews University
Stanford University
Stevens Institute of Technology
Stony Brook University, State University of New York
Swarthmore College
Texas A&M University
The Ohio State University
The University of Arizona
(Business & Public Administration)
The University of Edinburgh
The University of Manchester
The University of North Carolina at Chapel Hill
The University of Texas at Dallas
The University of Texas, Austin
University College London
University of Bath
University of Bristol
University of British Columbia (Faculty of Science)
University of California, Merced
University of California, San Diego
University of California, San Diego (Engineering)
University of California, San Diego
(Roosevelt College)
University of California, San Diego (Sixth College)
University of California-Berkeley
University of California-Berkeley
(College of Letters & Science)
University of California-Davis
(College of Letters & Science)
University of California-Irvine
University of California-Irvine
(The School of Information and Computer Sciences)
University of California-Los Angeles
University of California-Los Angeles
(College of Letters & Science)
University of California-Los Angeles
(School of Engineering & Applied Sciences)
University of California-Riverside
University of California-Santa Barbara
University of California-Santa Barbara
(College of Engineering)
University of Cambridge
University of Chicago
University of Colorado at Boulder
University of Colorado at Boulder
(College of Engineering & Applied Science)
University of Delaware
University of Denver
University of Denver (Daniels College of Business)
University of Glasgow
University of Illinois at Urbana-Champaign
University of Illinois at Urbana-Champaign
(College of Engineering)
University of Illinois at Urbana-Champaign
(Liberal Arts & Sciences)
University of Illinois at Urbana-Champaign (Media)
University of Illinois at Urbana-Champaign (Medicine)
University of Maryland-College Park
University of Massachusetts-Amherst
University of Massachusetts-Amherst
(College of Information and Computer Sciences)
University of Massachusetts-Amherst
(College of Natural Sciences & Mathematics)
University of Miami
University of Michigan
University of Michigan (Engineering)
University of Minnesota-Twin Cities
University of Minnesota-Twin Cities
(CBS College of Biological Science)
University of Minnesota-Twin Cities
(CSE College of Science and Engineering)
University of New Mexico
University of Oxford
University of Pennsylvania
University of Pittsburgh
University of Rochester
University of San Diego
University of San Francisco
University of Southern California
University of Southern California
(College of Letters, Arts, & Sciences)
University of Southern California (Engineering)
University of St Andrews
University of the Pacific
University of the Pacific (College of the Pacific)
University of Toronto
(Faculty of Applied Science and Engineering)
University of Toronto (Faculty of Arts and Science)
University of Virginia
University of Washington, Seattle
University of Washington, Seattle (Honors Program)
University of Wisconsin-Madison
Vanderbilt University
Washington University in St Louis
Washington University in St Louis
(Arts and Sciences)
Webster University
Western New England University
William and Mary
Williams College
Worcester Polytechnic Institute

Colleges/Universities listed above are College Admissions from 2020 for BASIS Independent Silicon Valley

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