



Choices 2011-2012

**BERKELEY  
HIGH SCHOOL**

**Pasquale Scuderi**  
PRINCIPAL

LEARNING COMMUNITIES

**AC**  
Academic Choice

**AHA**  
Arts and Humanities Academy

**BIHS**  
Berkeley International High School

**CAS**  
Communication Arts and Sciences

**CP Academy**  
Community Partnerships Academy

**Green Academy**  
Sustainable Energy and Environmental Pathways

# BERKELEY HIGH SCHOOL CHOICES

## At Berkeley High School, it's all about making exciting, quality choices — lots of them!

Berkeley High School, which received a six-year accreditation in 2003–2004 from the Western Association of Schools and Colleges (WASC), has a long history of embracing a broad spectrum of people and ideas. The programs offered to students both challenge and support them to reach high levels of academic achievement while preparing each graduate to be successful in college, work, and life. Berkeley High School offers students six quality academic programs that inspire and cultivate the gifts, talents, and passions of its students. Collectively, the academic programs are broad in range and deep in mission, offering something for everyone.

Students have the option of choosing from six rigorous, college preparatory academic learning communities. Four of our communities (AHA, CAS, CP Academy and GRN) are small schools of 240-360 students. Two of our communities (AC and BIHS) are larger programs of 900-1300.

Students enrolled in any one of our **LEARNING COMMUNITIES — ACADEMIC CHOICE (AC), ARTS AND HUMANITIES ACADEMY (AHA), BERKELEY INTERNATIONAL HIGH SCHOOL (BIHS), COMMUNICATION ARTS AND SCIENCES (CAS), COMMUNITY PARTNERSHIPS ACADEMY (CP ACADEMY)** and the **GREEN ACADEMY (GRN)**—share a core group of teachers. All of the communities satisfy the *a-g* requirements for the University of California. All offer some AP or IB classes. The smaller learning communities also offer opportunities for students to do internships, and senior projects in a specific

college and career pathway. Students fulfill each learning community's academic requirements. Other courses students have room for in their schedule are taken from the individual departments: African American Studies, Arts: Visual and Performing, Physical Education, Technology, and World Languages.

In Spring, at the same time they select classes, students rank and submit their learning community preferences after considering each option relative to their own interests and needs. A lottery held at the end of the spring semester (following diversity guidelines set by the Berkeley Unified School District) determines the learning community to which the student will be assigned.

Each community is designed to give students the content knowledge, skills, and diverse learning experience to be successfully prepared for a 4-year university or college.



## 9TH GRADE ACADEMIC PROGRAM COURSE REQUIREMENTS FOR 2011–2012

Students enrolled in any learning community fulfill the program’s requirements within the community. All remaining courses needed to fulfill high school graduation and college eligibility requirements are chosen as **ELECTIVES** from the following individual departments: African American Studies, Arts: Visual and Performing, Physical Education, Technology and World Languages.

### ▼ **ACADEMIC CHOICE (AC)**

- ▶ English Language & Composition
- ▶ World Geography & Culture/Ancient Civilizations
- ▶ Geometry\*
- ▶ Science
- ▶ Elective (Individual Departments)
- ▶ Elective (Individual Departments)
- ▶ Advisory

### ▼ **ARTS AND HUMANITIES ACADEMY (AHA)**

- ▶ Humanities: English
- ▶ Humanities: History
- ▶ Interactive Math 2\*
- ▶ Advanced Biology
- ▶ Arts Wheel (for PE Credit)
- ▶ Elective (Individual Departments)
- ▶ Advisory

### ▼ **BERKELEY INTERNATIONAL HIGH SCHOOL (BIHS)**

- ▶ Freshman Literature & Composition
- ▶ Global Studies
- ▶ Performing or Creative Arts
- ▶ Geometry\*
- ▶ Advanced Biology
- ▶ Elective (Individual Departments)
- ▶ Advisory

### ▼ **COMMUNICATION ARTS AND SCIENCES (CAS)**

- ▶ Freshman Seminar: English
- ▶ Freshman Seminar: History
- ▶ Interactive Math 2\*
- ▶ Advanced Biology
- ▶ Elective (Individual Departments)
- ▶ Elective (Individual Departments)
- ▶ Advisory

### ▼ **COMMUNITY PARTNERSHIPS ACADEMY (CP ACADEMY)**

- ▶ English 1 A/B
- ▶ Community and Ethnic Studies
- ▶ Forensic Sciences
- ▶ Interactive Math 2
- ▶ PE
- ▶ Elective (Individual Departments)
- ▶ Advisory

### ▼ **GREEN ACADEMY (GRN)**

- ▶ Freshman Seminar: Multicultural Literature
- ▶ Freshman Seminar: Sociology
- ▶ Geometry\*
- ▶ Advanced Biology
- ▶ Elective (Individual Departments)
- ▶ Elective (Individual Departments)
- ▶ Advisory

\*Placement into Algebra I, Honors Geometry, or higher level math based on math department assessment.

### CONTACT INFORMATION

#### **AHA**

Arts and Humanities Academy

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#### **CP Academy**

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#### **Green Adademy**

Sustainable Energy  
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#### **AC**

Academic Choice

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#### **BIHS**

Berkeley International High School

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# ACADEMIC CHOICE

AC

## Program Overview

Academic Choice (AC) is a learning community focusing on a rigorous humanities curriculum in grades nine through twelve. Freshmen and Sophomore history and English courses are cored. AC students choose their science, world language, PE, math and arts electives from the full range



of classes offered throughout Berkeley High. Academic Choice students are expected to complete all UC/CSU *a-g* course requirements prior to graduation, and are encouraged to take Advanced Placement (AP) courses in their junior and senior years. AC teachers support that expectation and work to ensure that their students are prepared to take AP courses. Students can choose to take AP classes

in a variety of content areas as well as courses offered by the African American Studies Department. We also encourage AC students to take four years of math, and three years of science and world language. Berkeley High recognizes students with a Certificate of Completion issued by the Academic Choice program if they graduate from AC having completed all UC/CSU *a-g* subject requirements and submit a complete senior seminar research project.



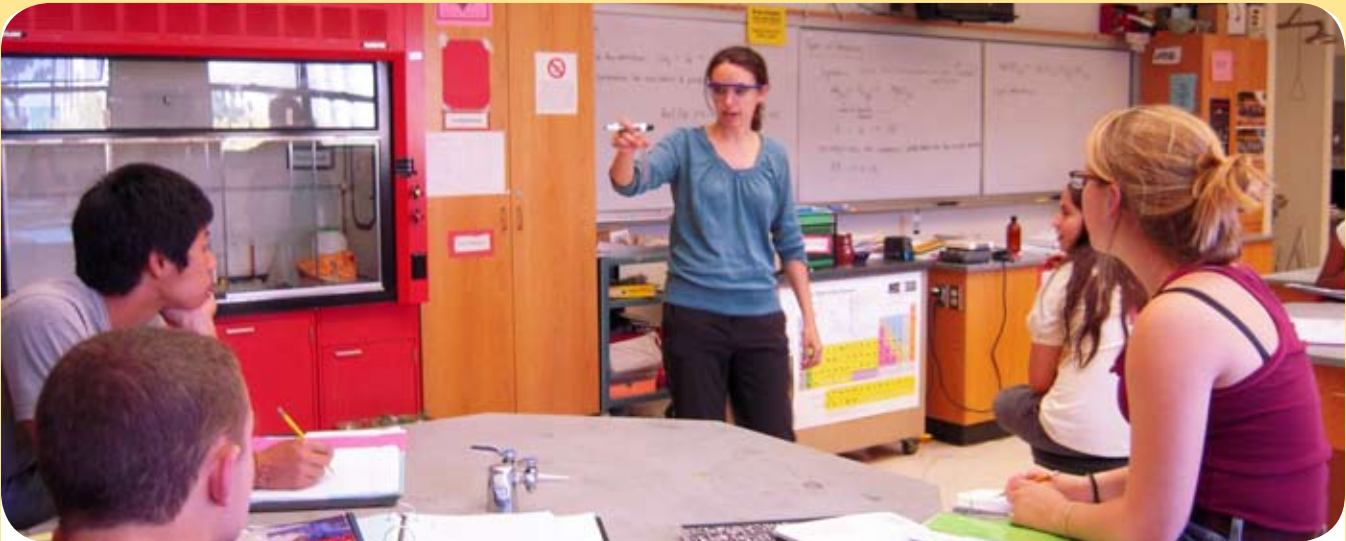
## Our Philosophy & Values

Academic Choice at BHS provides not only a college preparatory curriculum but also a community of students working with teachers, parents and peers to realize their full intellectual and creative potential. Academic Choice teachers, students, and families strongly believe that the program should reflect our diverse school population and that all students should have the resources to succeed in school and beyond. The typical Academic Choice class follows a seminar approach, encouraging intellectual curiosity, analytical thinking, and a close working relationship between student and teacher.

# AC

## Ideal for students who want to:

- Be prepared for a 4-year college or university
- Be part of a learning community and still take elective courses within various departments within the school
- Study the complexities of our world
- Choose courses from a wide array of BHS electives



## Our Curriculum

Our humanities curriculum invites students to ask questions and draw inferences, to develop techniques for critical reading and expository writing, and to analyze and articulate different points of view. Student preparation for collegiate study is fundamental to our curricular philosophy, with an emphasis on the development of essential research skills (including critical analysis and synthesis, and the construction of persuasive written and verbal arguments). We not only seek to prepare students to be college eligible, but also to assist them in a highly competitive admissions process.

**“AC is a very flexible program because it gives you the option to choose the program of your interest.”**

— HIEN NGUYEN, AC STUDENT

**“We have a wonderful group of teachers and students with a supportive administrative staff.**

— JOSE COLON, AC TEACHER LEADER

## Program Requirements

Students enrolled in AC fulfill the learning community’s requirements within AC. All remaining courses needed to fulfill high school graduation and college eligibility requirements are chosen as **ELECTIVES** from the following departments: African American Studies, Arts: Visual & Performing, Physical Education, Technology and World Languages.

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
<ul style="list-style-type: none"> <li>▶ English Language &amp; Composition (1A/1B)</li> <li>▶ World Geography &amp; Cultures/Ancient Civilizations</li> <li>▶ Geometry*</li> <li>▶ Science</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ World Literature &amp; Composition</li> <li>▶ World History</li> <li>▶ Algebra 2</li> <li>▶ Science</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ American Literature OR AP Language &amp; Comp.</li> <li>▶ United States History OR AP United States History</li> <li>▶ Math Analysis</li> <li>▶ Science</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ English Elective</li> <li>▶ History Elective</li> <li>▶ Government OR AP Gov. Economics OR AP Econ.</li> <li>▶ Math or Elective</li> <li>▶ Science or Elective</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>

\*Placement into Algebra I, Honors Geometry, or higher level math based on math department assessment.

# ARTS & HUMANITIES ACADEMY

AHA

## Program Overview

The Arts and Humanities Academy (AHA) provides an innovative, equitable, rigorous academic and arts curriculum. Students use the lens of the arts to seek creative solutions to academic and artistic challenges. In the first two years, students broaden their artistic expertise by taking a selection of visual and performing arts classes. In the 11<sup>th</sup> and 12<sup>th</sup> grades, students pursue mastery in the discipline of their choice and design an arts-based internship in the community, applying their interests as both artist and scholars. Senior thesis projects include academic and artistic presentations.

AHA students may select their world language and PE classes from the many options offered in the elective programs. AP options are available in English, math, science and world languages.

## Our Philosophy & Values

AHA structures the core of our teaching on project-based learning and interdisciplinary endeavors. Classroom practices are creative and flexible, meeting the needs of all learners and building on the strengths of multiple intelligences. Students work collaboratively within an environment where the arts are the vehicle for creative and analytical thinking. We develop into members of society with the skills to write and think with our minds, create with our hands, express with our bodies, act and speak from our hearts, and inspire others to do the same.

“I quickly learned that there isn’t any right way to be an artist, that the only important thing is expression.”

—AHA STUDENT

“Our daughter is a recent graduate of AHA and is now attending the Rhode Island School of Design. Our family wanted to show appreciation for AHA where she was supported and encouraged to dream big.”

—AHA PARENT

# AHA

## Ideal for students who want to:

- Graduate prepared for a 4-year college or university and continued pursuits in the arts
- Be in a community that celebrates the arts
- Collaborate with local artists and art institutions
- Participate in a creative classroom atmosphere
- Apply knowledge of the arts to a holistic understanding of the world





## Our Curriculum

The Arts and Humanities Academy curriculum is designed to inspire greater levels of academic achievement by linking student interest and talent in the arts to all aspects of their educational experience. By tapping into their strengths as artists, teachers lead students to improve their overall skills in reading, writing and science. AHA is particularly concerned with bridging the achievement gap and providing a challenging curriculum for all of our students.



“It’s been exciting for me to work closely with other AHA teachers, community members and our amazingly creative students.”

—AHA TEACHER

## Program Requirements

Students enrolled in AHA fulfill the learning community’s requirements within AHA. All remaining courses needed to fulfill high school graduation and college eligibility requirements are chosen as **ELECTIVES** from the following departments: African American Studies, Arts: Visual & Performing, Physical Education, Technology and World Languages.

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
<ul style="list-style-type: none"> <li>▶ Humanities: English</li> <li>▶ Humanities: History</li> <li>▶ Interactive Math 2*</li> <li>▶ Advanced Biology</li> <li>▶ Arts Wheel (for PE Credit)</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ Humanities: World Lit.</li> <li>▶ Humanities: World Hist.</li> <li>▶ Interactive Math 3</li> <li>▶ Anatomy &amp; Physiology</li> <li>▶ Arts Wheel (for PE)</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ American Literature**</li> <li>▶ United States History</li> <li>▶ Interactive Math 4</li> <li>▶ Chemistry</li> <li>▶ Arts Specialization</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ Genre and Composition**</li> <li>▶ Government/Economics</li> <li>▶ Math or Elective</li> <li>▶ BEST English/History</li> <li>▶ Arts Specialization</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>

\* Placement into Algebra I, Honors Geometry, or higher level math based on math department assessment.

\*\* Students can enroll in AHA AP Augmentation classes in their 11th and 12th grade English classes

# BERKELEY INTERNATIONAL HIGH SCHOOL

## Program Overview

Berkeley International High School (BIHS), an authorized International Baccalaureate school, is a program within Berkeley High School, focusing on international studies for grades nine through twelve. The integrated 4-year study of humanities focuses first on the study of geographical regions and elements of culture, including literature, art, history, economics and beliefs. It then progresses systematically through the study of nations and the dynamics of global relationships, building in complexity each year. Students will graduate with the knowledge and habits of mind to participate confidently in the increasingly interdependent world.

## Our Philosophy & Values

The overarching goals of BIHS are to offer insights into the nature of international education and to build students' sense of identity and cultural awareness, fostering a spirit of discovery and enjoyment of learning for all BIHS students. Fundamental to the BIHS curriculum is developing the students' understanding of the nature and value of their own cultures. Students learn to approach academics from a variety of standpoints, and the curriculum furthers students' recognition and development of universal human values.

BIHS prepares all students to participate in the IB Diploma Programme in 11th and 12th grade. Balancing the richness of Berkeley High School's elective options with the value and challenge of the IB, BIHS creates a community of support, accessibility, and diversity of perspective. To this end we split the program into two smaller "houses" that allow teachers and students to work together in a more personalized way. Ninth and tenth grade students take three of their classes with the same core of students to provide community and support.



## BIHS Ideal for students who want to:

- Be prepared for a 4-year college or university
- Be part of a learning community and still take elective courses within various departments within the high school
- Study subjects in depth and with perspective
- Actively participate in their learning through classroom based projects and discussions.



### Our Curriculum

The BIHS curriculum grades 9–12 is an integrated course of study in the history, culture, literature, artistic expression and political, economic and belief systems of nations across time and across the globe. All courses from BIHS meet the California Content Standards, IB Standards and UC/CSU entrance requirements. Students take three or four courses within BIHS; they select the remainder of their courses from individual departments (World Languages, P.E., African American Studies, and Visual and Performing Arts). BIHS students may choose to earn Certificates or pursue the full IB Diploma in the 11th and 12th grades. All students take IB English and history in the 11th and 12th grades and can earn college credits through these and other courses.

“Our studies have affected the way I think about Muslim countries and culture. BIHS teachers have helped me rethink a lot of stereotypes that I used to have.”

BIHS STUDENT

“BIHS was my first choice because I wanted to get a global understanding of the world. You don’t just listen to lectures or take notes but get an in-depth thinking of everything.”

BIHS STUDENT

“In BIHS students gain an international perspective through literature, global studies, and elective choices that enable them to be critical thinkers and active participants in the world.”

MATT MEYER, BIHS CO-LEAD TEACHER

### Program Requirements

Students enrolled in BIHS fulfill the learning community’s requirements within BIHS. All remaining courses needed to fulfill high school graduation and college eligibility requirements are chosen as **ELECTIVES** from the following departments: African American Studies, Arts: Visual & Performing, Physical Education, Technology and World Languages.

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
<ul style="list-style-type: none"> <li>▶ Freshman Literature &amp; Composition</li> <li>▶ Global Studies</li> <li>▶ Performing Arts or Creative Art</li> <li>▶ Advanced Biology</li> <li>▶ Geometry*</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ Global Literature</li> <li>▶ Global History</li> <li>▶ Comparative Values &amp; Belief Systems/ Comparative Political &amp; Economic Systems</li> <li>▶ Algebra 2</li> <li>▶ Science or Elective</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ IB English HL</li> <li>▶ History of the Americas</li> <li>▶ Math Analysis</li> <li>▶ Science</li> <li>▶ IB Economics SL or Elective</li> <li>▶ IB Art SL/HL or elective</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ IB English HL</li> <li>▶ History of the Americas</li> <li>▶ Theory of Knowledge</li> <li>▶ Math or Elective</li> <li>▶ Science or Elective</li> <li>▶ IB Economics SL or Elective</li> <li>▶ IB Art SL/HL or Elective</li> <li>▶ Advisory</li> </ul>

\* Placement into Algebra I, Honors Geometry, or higher level math based on math department assessment.

# COMMUNICATION ARTS & SCIENCES

CAS

## Program Overview

Communication Arts and Sciences (CAS) was founded in 1997 by teachers and families who had the goal of tapping into the rich diversity of Berkeley High students to create a heterogeneous learning community of 240 self-directed and independent learners. Distinguished by its focus on critical thinking, social justice, media literacy, and service learning, CAS offers an academically rigorous course of study and trains its students to communicate effectively in both print and electronic media through curriculum built around experiential learning – learning by doing. In addition to traditional forms of expression like fiction, essays, lab reports and research papers, students create their own videos, podcasts and print projects, and they travel to museums, theaters, cultural centers, colleges and to countries like Cuba, Mexico and Viet Nam.

## Our Philosophy & Values

When students commit to the four-year CAS curriculum, they voluntarily give up the safety of homogeneous learning and learn how to communicate, collaborate and excel within a diverse community. The curriculum and the faculty ensure an atmosphere of academic rigor while facilitating and respecting different learning styles and cultural experiences. To excel in CAS, a student must meet the dual challenges of intellectual mastery and effective communication in the classroom and in the larger world.

“Communication Arts and Sciences allows students to take ownership of their own education, to dispense with rote memorization in favor of critical thinking, to find a way to make a meaningful contribution to their community and to their future.”

— RICK AYERS, FORMER CAS TEACHER

## CAS Ideal for students who want to:

- Be prepared for a 4-year college or university
- Learn to build a close community with other students and teachers in a more personal setting
- Incorporate real world experiences into their high school education
- Experience hands-on applications of all modern communication media and integrate this with academic classes
- Explore issues of social justice, social change and social responsibility
- Plan not only for college but for life





## Our Curriculum

All CAS classes are untracked and, in keeping with this heterogeneous learning approach, Advanced Placement classes have been replaced with a demanding academic core and elective curriculum designed to challenge and engage every student. Classes are integrated with cross-disciplinary assignments and articulation between the grade levels. The English/History Core emphasizes written communication throughout the four-year curriculum and focuses on the development of critical thinking and analysis. CAS classes are challenging, benefiting students who have high achievement records as well as those who have struggled in school. The school's collaborative teaching model and close student-teacher relationships create an environment in which teachers are able to carefully assess student effort and performance and find ways to motivate and challenge each student to meet his/her full intellectual potential.



## Program Requirements

Students enrolled in CAS fulfill the learning community's requirements within CAS. All remaining courses needed to fulfill high school graduation and college eligibility requirements are chosen as **ELECTIVES** from the following departments: African American Studies, Arts: Visual & Performing, Physical Education, Technology and World Languages.

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
<ul style="list-style-type: none"> <li>▶ Freshman Seminar: Eng.</li> <li>▶ Freshman Seminar: Hist.</li> <li>▶ Interactive Math 2*</li> <li>▶ Advanced Biology</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ World Literature</li> <li>▶ World History</li> <li>▶ Interactive Math 3</li> <li>▶ Honors Human Anatomy</li> <li>▶ Computer Arts</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ American Literature**</li> <li>▶ United States History</li> <li>▶ Interactive Math 4</li> <li>▶ Chemistry</li> <li>▶ Art of Video</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ Composition/Genre in Lit**</li> <li>▶ Government/Economics</li> <li>▶ BEST English/History: Social Justice Seminar</li> <li>▶ Video Production/Advanced Studio Editing</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>

\* Placement into Honors Geometry or higher level math based on math department assessment.

\*\* Students can enroll in CAS AP Augmentation classes in their 11th and 12th grade English classes

# COMMUNITY PARTNERSHIPS ACADEMY

## Program Overview

Community Partnerships Academy offers a college preparatory curriculum that develops community leaders in health, education, law and social services. We provide students opportunities to explore their interests while contributing to their community. Since 1989, we have established relationships with community organizations, institutions and businesses. Through these partnerships, we are able to extend students' experiences and opportunities beyond the traditional educational framework and plant the seeds of leadership during these significant and life shaping years.

## Our Philosophy & Values

For most young people, high school represents an important transition into adulthood – from a life planned by others to one planned by and for oneself. CP Academy instills a sense of empowerment and future vision in our students, encouraging them to prevail and become agents of change. We prepare students to take the lead in their own lives and to contribute to the life of their communities, emphasizing the health and public service arenas.

**"I am now a senior and without a doubt I would choose CPA all over again. I love CPA because I'm surrounded by a community that truly cares about and supports me."**

– KALIN IBRAHIM-BARTLEY, CP ACADEMY STUDENT

**"CPA prepares you for college. Teachers notice if you are not doing your best, and they'll push you to get where you need to be. Without CPA, I don't think I would be as motivated to go to college."**

– CERVON ROGERS, CP ACADEMY STUDENT

**"College work is very rigorous, but I am prepared for it. I can say that I am prepared for this workload because of the courses I took in CPA."**

– NICHELLE PETE, CPA 2009, UCLA 2013



## CP Academy

**Ideal for students who want to:**

- Be prepared for a 4-year college or university
- Participate actively in a learning community where students, teachers and families know and support one another
- Challenge themselves, develop their strengths and discover their hidden talents
- Access health-related classes throughout all four years
- Explore career interests through hands-on service learning activities and internships that connect to and serve community needs
- Take college classes and begin college programs while still in high school



## Our Curriculum

CP Academy provides students with the skills, knowledge and resources to develop their strengths and pursue their college and career goals, including academic preparation that meets the requirements for college admission into the UC/CSU system. We provide intensive support for career exploration and the college search and application process. Teachers connect thematically across math, science, English, history, art, P.E. and electives throughout the four years. English and history are integrated core classes and AP content is the basis of the junior and senior English classes. Students can take an AP English augmentation for college credit and preparation for the AP English exam. Academy students survey, analyze and respond to issues critical to our community, from Berkeley to regional and global issues, through project-based service and experiential learning. Our health pathway channels students interested in health sciences-related careers into specific courses, while the general curriculum integrates community health issues throughout. Students collaborate with community organizations in health, education, law and government throughout their four years in the Academy. We are committed to creating a school community in which all students are welcome, every student counts, and every student achieves.



## Program Requirements

Students enrolled in CP Academy fulfill the learning community’s requirements within CP Academy. All remaining courses needed to fulfill high school graduation and college eligibility requirements are chosen as **ELECTIVES** from the following departments: African American Studies, Arts: Visual & Performing, Physical Education, Technology and World Languages.

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
<ul style="list-style-type: none"> <li>▶ English 1A/1B</li> <li>▶ Community &amp; Ethnic Studies</li> <li>▶ Interactive Math 2</li> <li>▶ Forensic Science</li> <li>▶ PE</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ World Literature</li> <li>▶ World History</li> <li>▶ Interactive Math 3</li> <li>▶ Chemistry</li> <li>▶ Creative Arts</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ American Literature*</li> <li>▶ United States History</li> <li>▶ Interactive Math 4</li> <li>▶ Biological Health Science</li> <li>▶ Comm. Serv. Professions</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ Composition/Writing*</li> <li>▶ Government/Economics</li> <li>▶ Calculus*</li> <li>▶ AP Environmental Science or Elective (Ind. Depts.)</li> <li>▶ Senior Project: BEST</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>

\* Students can enroll in CP Academy AP Augmentation classes in their 11th and 12th grade English and 12th grade math classes

# GREEN ACADEMY

## Program Overview

The goal of the 9th grade program is to give students the foundational skills for understanding issues related to environmental sustainability and social justice. In the 10th grade, students will embark on one of two pathways: S.E.E.D. (Sustainability, Ecology and Environmental Design) or H.E.A.T. (Human Energy and Appropriate Technology). S.E.E.D. focuses on renewable energy, transportation, green building, sustainable agriculture, water quality and waste management. H.E.A.T. focuses on the physics of energy, electricity and electronics, energy conservation, and energy generation through solar, wind, geothermal, biofuels and other energy sources.



**“The Green Academy is Awesome!”**

— GRIFFEN COLE, GREEN ACADEMY STUDENT

**“Students in the Green Academy ensure the future safety of the environment!”**

— ALAYNA SMITH-MCFEE, GREEN ACADEMY STUDENT

**“Green Academy helped me realize what I was truly passionate about.”**

— BEEBE SANDERS, GREEN ACADEMY STUDENT

## Our Philosophy & Values

Green Academy provides a personalized, interconnected learning environment where faculty members nurture and challenge students to strive for academic excellence.

Our mission is to: 1. Prepare students for college and green careers; 2. Prepare students to understand and actively engage in creating an environmentally sustainable and socially just world; 3. Provide educational and career opportunities in science and math to students who have been historically underrepresented in these fields. Graduates of the Green Academy will be prepared for college, be knowledgeable about social and environmental issues, and take personal responsibility for seeking change in themselves and in the world.

## Green Academy

### Ideal for students who want to:

- Be prepared for a 4-year college or university
- Be a part of caring, supportive learning community
- Participate in interdisciplinary, project-based, experiential learning
- Take coursework connected to complex issues of sustainability
- Focus on critical thinking around essential questions of environmental justice
- Learn from mastery at high levels with authentic assessments



### Our Curriculum

The exploration of social and ecological issues are embedded within a solid curriculum in mathematics, the sciences, and the humanities. Our integrated, project-based curriculum uses inquiry as a tool for students to see the interconnectedness of all academic disciplines and their relationship to the real world. Writing, which is integral to all humanities classes across the curriculum, focuses on fluency and revision. We support a community of readers to challenge students at a variety of levels. Math concepts are developed through experimentation with real life situations using manipulatives. Science curriculum uses the scientific method to discuss and grapple with relevant pressing societal issues and explore possible solutions.



### Program Requirements

Students enrolled in the Green Academy fulfill the learning community’s requirements within the Green Academy. All remaining courses needed to fulfill high school graduation and college eligibility requirements are chosen as **ELECTIVES** from the following departments: African American Studies, Arts: Visual & Performing, Physical Education, Technology and World Languages.

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
<ul style="list-style-type: none"> <li>▶ Freshmen Seminar: Multicultural Literature</li> <li>▶ Freshmen Seminar: Sociology</li> <li>▶ Geometry*</li> <li>▶ Advanced Biology</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ World Literature</li> <li>▶ World History</li> <li>▶ Algebra 2</li> <li>▶ Chemistry</li> <li>▶ Intro to Environ. Science (S.E.E.D.) OR Intro to Renewable &amp; Sustainable Energy (H.E.A.T.)</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ American Literature**</li> <li>▶ United States History</li> <li>▶ Math Analysis</li> <li>▶ AP Environ. Science (ROP) (S.E.E.D.) OR Conceptual Physics (H.E.A.T.)</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>	<ul style="list-style-type: none"> <li>▶ Composition &amp; Writing**</li> <li>▶ Government/Economics</li> <li>▶ AP Calculus or AP Stats</li> <li>▶ AP Physics, Physics OR Honors Anatomy</li> <li>▶ Eco-Literacy/BEST History</li> <li>▶ Elective (Ind. Depts.)</li> <li>▶ Advisory</li> </ul>

\* Placement into Algebra I, Honors Geometry, or higher level math based on math department assessment.  
 \*\* Students can enroll in GRN AP Augmentation classes in their 11th and 12th grade English classes



**Berkeley High School**

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