

Senior Electives

Chadwick School expects students to graduate with a deep understanding of the various academic disciplines, the interdisciplinary nature of knowledge, and the skills and habits of mind they need to work in a variety of fields. One of the most important habits of mind is the ability to transfer knowledge, understanding, and specific skills learned in one context to a different context in order to solve problems. In pursuit of this goal, we offer seniors a group of electives that provide opportunities for research, discovery, creative thinking, analysis, and use of their newfound knowledge to solve real world problems. These courses emphasize interdisciplinary thinking, reflection, and participation in problem-solving and projects that resemble the actual work in the field of endeavor. The following elective courses are offered to our seniors.

Challenge 20/20

This is an Internet-based program that pairs classes from schools in the U.S. with their counterpart classes in schools in other countries; together the teams of two or three schools tackle real global problems to find solutions that can be implemented at the local level and in their own communities. The program is sponsored by the National Association of Independent Schools (NAIS). Website: <http://www.nais.org/conferences/index.cfm?ItemNumber=147262&sn.ItemNumber=148035>.

Economics

In this course, students will master basic economic concepts in order to better understand how the real-world market economy works. The course will make connections between the skills and knowledge associated with economics and current events on the state and national levels so that students will be able to make informed decisions as voters. Finally, the course will study basic investment concepts involved in wealth building so that students will be able to make informed financial decisions in their personal lives.

Forensic Science

Forensic Science is offered as an advanced integrated laboratory science course that will build upon and deepen a student's understanding of the natural sciences (physics, chemistry, and biology). Although forensic science is sometimes defined as the application of the sciences to answer questions of interest to the legal system, this course is intended to approach forensics with a broader view. The course will integrate the major domains of natural science and will expand the student's knowledge of the sciences in both breadth and depth, and will connect the natural sciences to the social sciences and other fields including law, psychology, statistics and mathematics. Utilizing extensive hands-on work, experimentation, and simulation, as well as research into scientific literature and analysis of case study documents, this course will require students to apply scientific knowledge and critical thinking skills to solve mock investigations and to communicate, defend, and critique their own work as well as that of their peers.

History and Literature of Leadership

Students will explore the skills and qualities of effective leaders in history and literature. Topics emphasized in the first semester include reflection, adaptive capacity, emotional intelligence, values, ethical decision-making, communication, and group dynamics. The first semester culminates in writing a personal "philosophy of leadership." The second semester challenges the student to apply the theory from the first semester to a practical leadership experience. In small teams, students will plan and submit a proposal for a project that will implement positive change in the community in some way. Each team member will be responsible for leading and coordinating an aspect of the project and will be expected to keep a written account throughout the experience. At the end of the year, students will evaluate their performance as leaders and formally present their project to a committee of students and faculty.



CHADWICK
S C H O O L

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CEEB CODE: 052680



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2009-2010 PROFILE

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School Description

Chadwick School is a nonprofit, nondenominational, coeducational day school serving a culturally and economically diverse student body living in the South Bay of Los Angeles County. An honor code governs academic work.

Mission Statement

Chadwick School, a K-12 school founded in 1935, is dedicated to academic excellence and to the development of self-confident individuals of exemplary character. Students are prepared through experience and self-discovery to accept the responsibilities inherent in personal freedom and to contribute positively to contemporary society. The Chadwick community is committed to living in accordance with its core values of respect, responsibility, honesty, fairness and compassion.

Enrollment

K-12:	875
9-12:	375
Class of 2009:	82

Upper School Faculty

Of the 72 faculty members, 61% hold advanced degrees.

Outdoor Education

Chadwick’s Outdoor Education program is one of only nine secondary school programs to be certified by the Association of Experiential Education. The focus of the Outdoor Education program is on encouraging personal development of the students by placing them in new and challenging outdoor situations. Chadwick students therefore participate in one wilderness course yearly, culminating in a three-week senior year trip, which includes a three-day survival solo.

Community Service

Chadwick’s community service program is predicated on our commitment to the development of individuals of exemplary character. Recognized as one of the outstanding student community service programs in America by U.S. News and World Report, our program provides students the opportunity to serve at one of ten off-campus sites during the school day. Although there are no requirements for service at Chadwick, over 70% of the Upper School chooses to add this weekly commitment as an elective, and 90% of our student body voluntarily participates in some part of the program each year. Our fundamental assumption is that service leads to empathy, empathy to understanding, and understanding to a shared responsibility for a better world.

Round Square Program

In October 2008, Chadwick School was elected to membership in Round Square, thereby joining more than 70 other schools from 18 countries on five continents. Round Square schools all share a commitment to the “six pillars” of Round Square: Internationalism, Democracy, Environment, Adventure, Leadership and Service, commonly referred to as the IDEALS. Our membership in Round Square is central to our commitment to developing global citizens. Through this organization students participate in exchanges and engage in international service projects with students from other member schools from around the world. Other U.S. schools include Athenian (CA), Deerfield (MA) and Hotchkiss (CT).

Financial Aid

In 2009–2010, Chadwick awarded slightly over \$3 million in need-based aid to 19.2 percent of the students. In 2003, the Malone Family Foundation awarded to Chadwick a grant of \$2 million for need-based merit scholarships, followed by a donation in 2008 of \$1 million from the MacFarlane family for need-based leadership scholarships.

CURRICULUM

Graduation Requirements

Chadwick School students are required to complete four years of English, three years of history, mathematics, foreign language, science (two years of which must be lab science), one-and-one-half years of visual and/or performing arts, and must participate yearly in physical education and outdoor education.

Advanced Placement Exams

In May of 2009, 141 students took 265 exams in 16 subjects and earned scores of 3 or better on 89% of the tests, and scores of 4 or better on 72% of the tests.

Advanced Placement Courses

Students must receive departmental approval to take an A.P. course. Approval is earned, in most cases, by achieving an ‘A’ in the prerequisite course. 15 A.P. courses are offered in the following subjects:

ENGLISH	HISTORY	LANGUAGE/LITERATURE
English Language	U.S. History	French Language
English Literature	Art History	Spanish Language/Literature

SCIENCE	MATH	OTHER
Biology	Calculus AB	Computer Science A
Chemistry	Calculus BC	Music Theory
Physics		Studio Art

Honors Courses

Chadwick School offers honors courses in the following subjects: geometry, algebra II and pre-calculus, Spanish and Chinese, French and physical science.

STATISTICS

National Merit Recognition

Class of 2009	6 finalists, 17 commended students, 1 NASP Student
Class of 2008	15 finalists, 8 commended students, 1 NASP Student
Class of 2007	8 finalists, 14 commended students, 2 NHRP Students

Grading and Grade Distribution – Class of 2010

Chadwick operates on a semester calendar with an A – F traditional grading system. Chadwick School does not compute rank or name a valedictorian. GPAs are calculated on a 4 point system based on all Chadwick courses reported on the transcript. These grades reflect an unweighted scale and do not include pluses or minuses.

GPA RANGE	# STUDENTS	GPA RANGE	# STUDENTS
4.00 - 3.80	27	2.99 - 2.80	4
3.79 - 3.60	14	2.79 - 2.6	4
3.59 - 3.40	9	2.59 - 2.4	2
3.39 - 3.20	10	2.39 - 2.2	0
3.19 - 3.0	14	2.19 - 2.0	0

GPA and SAT Data

Listed at right are the mean unweighted GPA and SAT Reasoning scores for the last three years.

SAT REASONING						SAT SUBJECT EXAMS		
CLASS	#	GPA	SAT V/CR	SAT M	WR	M2C	BY**	USH
2009	78	3.46	654	685	702	688	669	670
2008	87	3.46	663	668	692	693	613/685	644
2007	77	3.41	664	681	677	682	667/636	659

***Environmental/Molecular*

COLLEGE ADMISSION

Listed below are the colleges from which Chadwick graduates from the classes of 2007 – 2009 gained admission. Colleges where Chadwick graduates matriculated are highlighted in bold.

American University
Amherst College 4
Arizona State University
The University of Arizona 3
The Art Center College of Design
Barnard College 1
Bates College
Boston College 2
Boston University 4
Brandeis University 2
Brigham Young University 3
University of Bristol 2
Davidson College
Bucknell University 4
University of California
Berkeley 10
Davis
Irvine
Los Angeles 4
Merced
Riverside
San Diego 2
Santa Barbara 5
Santa Cruz 2
California Institute of Technology
California Lutheran University
California State University
Chico
East Bay
Fullerton
Humboldt
Long Beach
Pomona
San Diego
San Francisco
San Jose
San Luis Obispo
Carleton College
Carnegie Mellon University
Case Western Reserve University
Chapman University
University of Chicago
University of Cincinatti
Claremont McKenna College

Clark University
Clemson University
University of Colorado at Boulder 2
Colby College
Colgate University 4
Colorado College
Columbia University 2
Connecticut College 3
University of Connecticut
Cornell University 3
Cornish College of the Arts
Dartmouth College 8
Davidson College
Denison University
University of Denver
Dickinson College
Drew University
Duke University 3
Earlham College 2
Eckerd College
University of Edinburgh
Elon University
Emerson College 2
Eugene Lang College
Fordham University
Franklin College (Switzerland)
Franklin and Marshall College
Furman University
George Mason College
The George Washington University 2
Georgetown University
Georgia Institute of Technology
Gettysburg College
Gonzaga University
Goucher College
Grinnell College
Hamilton College
Hampshire College
Hampton University
Harvard University 4
Harvey Mudd College
Haverford College
Hobart and William Smith Colleges

College of Holy Cross
Howard University
University of Illinois at Urbana-Champaign
Indiana University at Bloomington
Ithaca College
Kenyon College
Knox College
University of La Verne
Lafayette College
Lake Forest College
Lawrence University
Lehigh University
Lewis and Clark College
Linfield College
Loyola College, Maryland
Loyola University, Chicago
Loyola Marymount University 8
Macalester College
Marist College
University of Maryland, College Park
Marymount College
University of Michigan
Middlebury College 1
Mills College
Mount Holyoke College
Mount St. Mary’s College
Muhlenberg College
University of New Hampshire
University of North Carolina at Chapel Hill
Northeastern University
Northern Arizona University
Northwestern University
Notre Dame de Namur University
University of Notre Dame
Oberlin College
Occidental College 2
The Ohio State University
Ohio Wesleyan University
Oklahoma City University
University of Oklahoma
University of Oregon
University of the Pacific
University of Pennsylvania
Pepperdine University 2
Pitzer College
Point Loma Nazarene University
Pomona College 3
Princeton University
University of Puget Sound

Purdue University
University of Redlands
Reed College 2
Rensselaer Polytechnic Institute
Rhodes College
Rice University
Rollins College
University of Richmond
University of Rochester
Saint Mary’s College of California
University of San Francisco 3
Santa Clara University
Sarah Lawrence College
Scrapps College 2
Seton Hall University
Sewanee: The University of the South
University of Southern California 38
Southern Methodist University 2
University of Saint Andrews (UK)
Stanford University 8
Swarthmore College
Syracuse University
Texas A&M University
Texas Christian University
Trinity College
Tufts University 2
Tulane University
Union College
United States Military Academy
United States Naval Academy 2
Ursinis College
University of Utah 2
Vanderbilt University 2
Vassar College
University of Vermont
Virginia Polytechnic Institute
University of Virginia 2
Wake Forest University
Washington University in St. Louis 4
University of Washington 2
Wellesley College
Wesleyan University
Wheaton College (MA)
Whitman College 2
Whittier College
Williams College 4
Wittenberg University
College of Wooster
Worcester Polytechnic Institute
Yale 4

Figures indicate the number of matriculants if more than one is attending the same institution.