

PHILLIPS ACADEMY
Andover, Massachusetts 01810-4161

School Code Number: 220030

HEAD OF SCHOOL
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2009–2010 Profile
Prepared for College Admission Offices
September 2009



Phillips Academy
ANDOVER

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THE SCHOOL

Phillips Academy, founded in 1778, is a coeducational boarding school, grades 9–12 and postgraduate. In 1973 the school merged with Abbot Academy, the oldest chartered girls' school in New England. Andover is committed to enrolling able students from all economic levels, from every racial, religious, and ethnic entity, from every quarter of American life and from foreign lands.

STUDENT DIVERSITY

The Academy is committed to establishing a community that encourages people of diverse backgrounds and beliefs to understand and respect one another and to be sensitive to differences of gender, ethnicity, class, and sexual orientation. Andover's 1778 Constitution charges the Academy to prepare "Youth from every quarter" to understand that "goodness without knowledge is weak...yet knowledge without goodness is dangerous." Students of color constitute more than one-third of the student body. A typical entering class contains students from 40 or more states and 25 countries.

NEED-BLIND ADMISSION

In 2007, the Academy adopted a need-blind admission policy. The Academy meets 100 percent of demonstrated need.

THE CLUSTER SYSTEM

In order to bring the advantages of a small school to an institution that already has the advantage of size, Andover has adopted the cluster system. A cluster can be defined as a group of contiguous residence halls. Comments by applicants and counselors regarding cluster activities refer to five groups of about 220 students each. A cluster functions independently, managing its own social activities, academic advising, disciplinary counseling, and athletic affairs under the leadership of a cluster dean.

OFF-CAMPUS PROGRAMS

Andover students can participate in several off-campus study programs both in the United States and in other countries. Some, such as School Year Abroad, encompass the entire academic year, while others are one trimester or during the summer.

ACTIVITIES

Each student spends approximately two hours every weekday afternoon in a required supervised activity. For most students, this is an athletic commitment at the varsity, junior varsity, or cluster (intramural) level. For others, afternoons focus on volunteer work through the Community Service Program, independent musical pursuits, or physical fitness/endurance activities (e.g., Search and Rescue, martial arts, dance).

POLICY ON DISCIPLINE

Students and college counselors will work together to address questions about serious disciplinary infractions (suspension and probation) when asked on college applications.

THE ACADEMIC PROGRAM

Andover's *Course of Study* is online at www.andover.edu/coursecatalog

Average class size—13 students Available courses—300

Under the Trimester Program, the school year is divided into three terms, each consisting of approximately 10 weeks of classes plus an assessment period. Many courses are yearlong, some are term-contained, and others are organized as two-term sequences. Students are normally expected to carry five courses each trimester. Most courses meet four or five periods per week. Some courses, as noted in the *Course of Study*, meet six or more hours per week per course. Uppers (11th-graders) or seniors who face an unusually demanding term occasionally are advised to enroll in four courses, provided at least three of these are advanced courses. Post graduates usually take four courses per term. (See list of Advanced Courses.) Over the span of their last two years, students are required to complete at least 27 trimester units.

Phillips Academy's academic program is based upon the premise that students are capable of studying independently, responsibly, and with self-direction. As a result, students spend a significant number of hours on homework, research, and other out-of-class study and projects.

In most courses, especially those taken to meet diploma requirements, class time and homework together can be expected to require a total of about nine hours per week per course. Thus, a typical student enrolled in five courses can expect to spend at least 45 hours each week on academic pursuits—and more than that when significant papers are due or to prepare for exams.

GRADING SYSTEM

The grading scale is from 0–6. A few courses are graded as Pass/Fail. Assessment periods conclude December 14, March 15, and June 5.

- 6 – Outstanding (High Honor)
- 5 – Superior (Honor)
- 4 – Good
- 3 – Satisfactory
- 2 – Low Pass, but certifying
- 1 – Failure
- 0 – Low Failure

STATEMENT ON CLASS RANK

The faculty has chosen not to rank students. Because of the highly competitive nature of admission to Andover, the variety of academic backgrounds of our students and the various points at which students may enter the school, attempting to calculate a numeric rank that reflects the strengths and differences within and among students would not yield a fair or useful picture of a graduating class. All enrolled students, regardless of grade level, must be candidates for the diploma.

DIPLOMA REQUIREMENTS

Diploma requirements vary according to the grade-year in which students enter. These requirements also vary depending upon the student's initial level of placement. Although most entering students receive an assortment of such credits toward the diploma, a four-year student entering Phillips Academy placed at the beginning level across the curriculum must complete the following diploma requirements:

- 9 trimester credits of English
- 9 trimester credits of foreign language
- 8 trimester credits of mathematics (through pre-calculus)
- 7 trimester credits of history and social science
- 6 trimester credits of laboratory science
- 4 trimesters of art, music, theatre, and dance (with at least 1 trimester each in art and music)
- 1 trimester of philosophy and religious studies
- 1 trimester of physical education

Thus, a senior program might include enrollment in a post-AP math class, fifth-year language study, high-level English and history or social science courses, and an entering-level art or beginning (additional) language class, the latter either an accelerated two-years-in-one 195 course or a standard 100 course. The diploma requirements are designed to maximize academic breadth while preserving depth via electives. Please note it is typical for students to go beyond Andover diploma requirements in many areas. Diploma requirements are discussed in greater detail on pages 4–6 of the *Course of Study*, and online at www.andover.edu/academics.

Within the framework of these diploma requirements, students follow an individualized program of study. The common pedagogical threads include: (1) matching students with appropriately demanding academic challenges; (2) daily accountability in class meetings; and (3) an insistence on rigor in all courses.

INDEPENDENT RESEARCH PROGRAMS

Students who have exhausted the curriculum in one or more disciplines may pursue an independent research program. Working closely with one or more faculty members, students delve deeply into a topic of their choice. IP's may be graded 0–6 or Pass/Fail.

COURSE NUMBERS

The first digit corresponds to the “level” of the course:

- Level 1 = 100; for courses that introduce a subject (SPAN-100) or that are typically taken by Juniors (9th-graders) (BIOL-100, ENGL-100)
- Level 2 = 200; courses that are the second level in a sequence (SPAN-200) or courses that are typically taken by Lower (10th-graders) or Juniors (ART-225, HIST-200)

- Level 3 = 300; for courses that are the third level in a sequence (SPAN-300), or for courses that are appropriate for Uppers (ENGL-300) or for Juniors, Lower, and Uppers (PHRE-300, CHEM-300)
- Level 4 = 400; for courses that are the fourth level in a sequence, or for courses that are appropriate for Seniors (but do not qualify for the 500 or 600 designations)
- Level 5 = 500; for courses equivalent to college freshman classes, sometimes, but not always, indicated by explicit preparation for an AP exam
- Level 6 = 600; for courses that would typically be taken by majors in the subject in college, or for courses typically taken after the first year of college
- Performance-based credit = 900; for course credit associated with performance, such as music lessons or participation in music ensembles for credit. Numbers followed by “H” indicate higher level performance requirements, such as ensembles with competitive auditions.

The second and third digits (as in ART-225) reflect organizational schemes at the departmental level, and therefore will be used differently by different departments. Letters also are used for these purposes.

ADVANCED COURSES

Listed here are all advanced, honors, and accelerated and/or Advanced Placement courses. These rigorous and demanding courses require extra preparation and study time. Most use college texts and are paced to match undergraduate offerings. A few 300-level, some 400-level, and all 500-level courses are at or beyond typical AP-level and the 600-level courses are typically the equivalent of sophomore level college courses. Refer to Andover's *Course of Study*, available in print and online at www.andover.edu/academics, for course titles and descriptions.

Art

- All 400-level studio courses
- Art 400 History of Art
- Art 500 Advanced Studio Art

English

- All 500-level courses are at or beyond the AP level

History and Social Science

- History 300–310 are at the AP level
- History 340 prepares for AP European History
- History 520 and 521 together prepare for Macro and Micro Economics AP
- All 500-level and above are at or beyond AP

Mathematics

- Math 530 AP Statistics
- Math 560, 570 AP Calculus AB
- Math 575 Accelerated AP Calculus AB
- Math 580, 590 AP Calculus BC
- Math 595 Accelerated AP Calculus BC
- Math 600 Accelerated AP Calculus BC

Math 630 Honors Seminar beyond AP
 Math 650 Linear Algebra beyond AP
 Math 651 Linear Algebra
 Math 661 Calculus of Vector Functions
 Computer 500 AP Computer Science AB
 Computer 630 Advanced Topics beyond AP

World Languages

Arabic 195
 Chinese 120, 220, 400, 420 AP Chinese, 500, 520, 600, 640, 641, 642
 French 120, 220, 420 are all accelerated
 French 400, 410, 450, 460, 470
 French 500 AP French Language
 French 520 AP French Literature
 French 600 beyond AP
 German 150, 250, 400 are all accelerated
 German 420 AP German Language
 German 500 Seminar beyond AP
 Greek 195
 Japanese 400, 420, 500, 520 AP Language and Culture
 Latin 195, 520 Lyric, Horace and Catullus, 520 Vergil
 Russian 150, 250, 400, 420, 500
 Spanish 120, 220, 400, 420, 430
 Spanish 500 AP Spanish Language
 Spanish 520 prepares for Spanish Literature AP Exam
 Spanish 530 Advanced Spanish Language in the Lawrence Community

Music and the Performing Arts

Music 270, 300, 440, 450 AP Music Theory and Composition
 Music 400, 485, 500, 540, 550

Philosophy and Religious Studies

All 400- and 500-level courses

Science

Biology 540, 560, 570, 580
 Molecular Biology 600, 610
 Chemistry 300
 Chemistry AP 550
 Chemistry 580 beyond AP
 Chemistry 610 Organic Chemistry beyond AP
 Environmental Science 500
 Physics 395, 400
 Physics 550, 580
 Physics 600, 630, 650 all beyond AP

Theatre and Dance

Theatre 330, 520
 Theatre Theory and History 330
 Creative Self 500
 Advanced Acting and Directing Workshop 510
 Play Production Intensive 520
 Andover Dance Group Dance History Seminar 900

THE 2009–2010 STUDENT BODY

	BOYS	GIRLS	TOTAL
Boarding	399	419	818
Day	151	140	291
TOTAL	550	559	1,109

Students of Color —38%

Class Distribution

Grade 12—294 (includes 24 postgraduates)
 Grade 11—313
 Grade 10—287
 Grade 9—215
 Total enrollment—1,109

Geographic Distribution of Students

Typically, 45 States represented and
 100 Foreign Nationals from more than 25 countries

Financial Aid

Percent of student body—44%
 Total financial assistance—\$15,618,000

Admission Statistics

Completed applications 2,784
 Admitted 455 (*Admit Rate—16%*)
 Matriculated 350 (*Yield—77%*)
 Class rank median 99th percentile for new students

THE 2009–2010 FACULTY

Most Andover instructors live on campus and serve as
 dormitory counselors, academic advisors, and/or coaches.

	MEN	WOMEN	TOTAL
Full-time	99	64	163
Part-time	16	41	57
TOTAL	115	105	220

Highest Degrees

PhD 37
 Master's 123
 Bachelor's 56
 No degree 4

Academic Standing

Students are not ranked and we do not calculate a cumulative grade average.

SAT Reasoning

Class of 2009 through March 2009 (314 students)

	Critical Reading	Math	Writing
700–800	47%	47%	45%
600–690	41%	43%	45%
500–590	12%	10%	10%
400–490	0%	0%	0%
Mean	686	690	686
(National Mean)	(501)	(515)	(493)

ACT

Averages of all PA students tested in 2008–2009

Total # Tested	English	Math	Reading	Science	Composite
154	30.1	29.7	30.1	27.3	29.5

Advanced Placement Examination

In 2009, 473 candidates sat for 956 examinations.

The overall distribution of scores is:

5—55% 4—29% 3—12% 2—3% 1—1%

Class of 2010—National Merit Scholarship Program

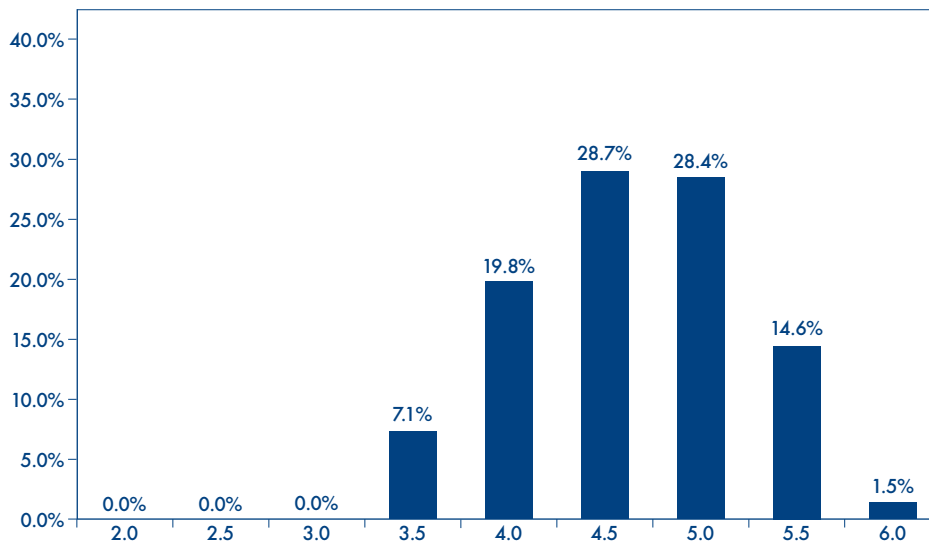
Merit Semifinalists 29; Achievement Semifinalists 3

SAT Subject Test

Class of 2009 through March 2009

Subject	Mean Score	(National Mean)	No. of Tests
LR	659	(580)	139
UH	682	(599)	104
M1	650	(599)	63
M2	719	(648)	220
BY-E	681	(598)	44
BY-M	702	(641)	52
CH	693	(638)	111
PH	708	(655)	81
CL	724	(763)	11
FR	688	(618)	17
FL	701	(637)	9
GM	610	(616)	6
JL	766	(689)	5
LT	644	(618)	19
SP	691	(646)	37
SL	679	(652)	10

CLASS OF 2010 GRADE DISTRIBUTION, JUNE 2009



The Average of All Phillips Academy Term Averages to Date
Rounded to the Nearest .5