

Profile for the Class of 2018

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CEEB Code: 395400

Recipient of
Maguire Student Scholarships
Maguire Foundation Scholars
Program

The School

Founded in 1869, The Agnes Irwin School is an independent college preparatory day school for girls, located 12 miles west of Philadelphia.

Enrollment

The total enrollment of grades PreK-12 is 605 (26% are students of color; 30% receive financial aid). There are 285 students in grades 9-12 and 73 in the Class of 2018. Students come from 85 zip codes in Philadelphia and the surrounding suburbs. There are several students from China. 62% matriculated in Lower School.

Minimum Requirements for Graduation

English: 4 years
Mathematics: 3 years (Alg. II minimum requirement)
History: 3 years (1 year U.S. History)
Science: 3 years (1 year each Physics, Chemistry, Biology)
World Language: 3 years of Spanish or French, or completion of Latin III or Greek III
Visual & Performing Arts: 1 year

Additional Graduation Requirements:

Athletics: Three seasons required in Grades 9-10.
Two seasons required in Grades 11-12.
Wellness: required in Grades 9-12.
Community Service: 40 hours over 4 years
Media Literacy required in Grade 9
Senior Assembly required in Grade 12
Senior Seminars/College 101 Workshops (Grade 12)
Special Studies Program (Grades 9-11)

Accreditation

Accredited by the Middle States Association of Colleges & Schools and by the Pennsylvania Association of Independent Schools (PAIS).
Member of The Cum Laude Society.
UCAS Registered Centre.
Member of the Independent Curriculum Group.

Faculty

There are 57 faculty & professional staff in the Upper School. Of the 52 teaching faculty, 84% hold advanced degrees. Student to faculty ratio: 6:1.

Class Rank

Rank was discontinued in 1972. Grade distribution provided with college applications.

Class of 2018

90% enrolled in 4 or more math courses
62% took Calculus or AP Calculus
60% enrolled in 4 or more science courses
63% in 4 or more history classes
45% in world language senior year
26% in Indep. Science/Computer Science

Grading Scale/Weighting/Honors

Excellent	A+	100-97	Highest Honors
	A	96-93	Highest Honors
	A-	92-90	High Honors
Good	B+	89-87	Honors
	B	86-83	
	B-	82-80	
Satisfactory	C+	79-77	
	C	76-73	
	C-	72-70	
Passing	D	69-65	
Failing	F	64- 0	

National Merit Scholarship Program

Class of	2017	2018
Commended Students	2	9
Semi-Finalists/Finalists/Scholars	4/4/2	4/TBD

National Hispanic Recognition Program

Class of	2017	2018
Scholar	1	2

SAT Reasoning Test (post Mar. 2016) Middle 50% Range:

	2017	2018
Evidence Based Reading and Writing:	600-685	610-710
Mathematics:	540-670	580-710
Reading:	29-35	29-36
Writing:	30-35	31-36
Total:	1150-1335	1180-1420

ACT Test

	Middle 50% Range:	
	2017	2018
English:	26-34	28-35
Math:	25-30	25-30
Reading:	26-33	28-34
Science:	23-29	24-30
Composite:	27-31	28-32

Advanced Placement Tests (Subject-specific results on page 3)

Class of	Class of 2017	Class of 2018 (Jr. Yr.)
Tests Taken	201	96
Number of Subjects	17	8
Candidates (% of class)	46 (70%)	49 (67%)
% Scores 3, 4, 5	77%	92%
% Scores 4, 5	51%	58%
AP Scholar (# in Class) (3 exams scored 3-5)	9	5
AP Scholar with Honor (4 exams scored 3-5)	9	3
AP Scholar with Distinction (5 exams scored 3-5)	12	TBD
National AP Scholar (8 exams scored 3-5)	0	TBD

Special Programs Required for All Students

Media Literacy [9]: This course encourages students to look past the face value of the media (Internet, television, magazines, newspapers) and question the motives beneath the messages. Topics include internet safety, research skills, copyright and fair use, information seeking strategies, and advertising techniques & consumer culture. (Pass/Fail)

Required Science Sequence: AIS's preferred sequence for science courses is: Physics (9); Chemistry (10); Biology (11). Advanced Electives (11 or 12): Biology II (some Honors); Chemistry II (all Honors); Physics II (all Honors); Environmental Sustainability/Modern Conservation [*with Honors* option]. See course details below.

Senior Assemblies [12]: Each senior prepares and present a 10-minute research-based speech with visuals to the Upper School student body and faculty (approx. 300 people). Topics range from the performing arts to scientific research to current events. The presentation is graded by a team of faculty. The topic and grade are listed on the final transcript.

Senior Seminars & College 101 Series [12]: Following exams, seniors participate in two weeks of mini-courses taught by faculty and designed to parallel collegiate offerings in both context and time frame. Students also participate in a series of College 101 workshops on topics designed for college preparation (e.g., personal finance, self-health, self-defense and "AIS Graduates' Look at College Life").

SSP-9 [9]: As a precursor to the Special Studies Program, SSP-9 is a two-week project-based program focusing on interdisciplinary problem-solving. Students are presented with new challenges each day that draw on curricular work mastered during the year. Examples include: video game design, wearable technology and cryptology.

Special Studies Program [10-11]: This two-week program of travel, internships, service work, and cultural immersion/exploration. **2017 offerings included:** Art on the Farm; Careers in Medicine; Civil Rights; Cultural Immersion in Cuba; Design Thinking; Edinburgh Fringe Festival; Engineering; Farming & Entrepreneurship; Follow Ben Franklin; Forensics; Habitat for Humanity; Holistic Health & Mindfulness; Immigration; Navajo Nation; Philadelphia Past & Present; school exchange in Ecuador/Australia.

Wellness [9-12]: AIS's Wellness curriculum focuses on developing skills to promote healthy lifestyle choices, self-knowledge and self-esteem. Topics include relationships; emotional, physical and community wellness; Red Cross First Aid; financial literacy; self-defense, and the college search/application processes.

Electives Explanations (alpha, non-dept. order)

Agency [12]: Students will function as a Marketing Agency, promoting an idea or event by creating a campaign to include print, media, graphics, branding, commercial, etc. (1/2 credit/semester course)

Artist as Entrepreneur [12]: Exploring the business of the arts, students learn to develop diverse product inventory, consider fair market value/pricing, generate electronic presence—the tools needed to promote the arts as a business. (1/2 credit/semester course)

Bioethics: This non-lab, research-based science elective is concerned with dilemmas caused when the facts of medical/genetic research conflict with the norms and needs of society and ethical decision-making at the level of the individual, the community, and the nation. (1/2 or full credit)

Computer Science I, II, III Honors (Ind. St.) [10-12]: Project-based classes developing foundation principles of mechanics and programming using Python programming language. Major areas of study include data and control structures, algorithm development and user-interface design. Students in CS I design a video game with Media Arts students.

Emerging Infectious Diseases: This course covers aspects of the emergence and spread of infectious diseases (including Ebola, Zika and Malaria) that are global challenges to human progress and survival. (1/2 or full credit) [*with Honors option*]

Electives Explanations (continued)

Engineering for the Future [10-12]: Designed to introduce students to the field of engineering through in-class discussion and hands-on lab experiments beginning by defining a problem and collaboratively developing possible solutions, using MakerSpace lab. (½ credit/semester course)

Environmental Sustainability: In this elective, students discover ways to re-engineer necessities for survival in our modern and future cultures, by working on creating sustainable food production models. Students will also work with younger students in order to help them understand the importance of sustainable technologies. (½ credit/semester course) [*with Honors option*].

Global Health & the Girl Child [12]: This seminar-style course features a survey of topics on international women's health and human rights. (½ credit/semester course)

Independent Science Research [9-12]: Students conduct science research outside of school, and are matched with mentors from local university and industrial communities, supervised by AIS's Science chair. The research results in a culminating project to be presented and published in AIS's annual science journal. The course is graded pass/fail and earns ½ or 1 credit for successful completion, depending on the project's scope.

Innovations [11-12]: Project-based course using CAD and other drawing programs to design and fabricate objects using 3-D printers and Laser Cutter in MakerSpace lab. Students develop skills in elements of design, working knowledge of CAD, applied mathematics and spatial reasoning. (1/2 or full credit)

Media Arts I and II - [9-12]: Using the Adobe Creative Suite and other digital tools, students develop technical skills and gain knowledge of design and digital applications through the hands-on use of computers, scanners and digital cameras. The culminating course allows for a student-driven concentration. Students apply advanced design concepts to material, with access to 3-D printers and a laser cutter, resulting in a digital portfolio.

Modern Conservation [11-12]: Students interact with a community organization outside of AIS to help raise awareness of local environmental issues; topics include biodiversity, landscape management, and environmental ethics. (½ credit/semester course) [*with Honors option*]

Production Direction [11-12]: This course focuses on the role of the director in both live and digital production. (1/2 credit/semester course)

Women In Antiquity: Semester seminar-style class in Classics/History that examines the place and role of women and girls in ancient Greek and Roman society, using literary, archeological and artistic evidence.

Other Special Opportunities

Big Timber Arts Round-Up [11-12]: In October, a select group of Agnes Irwin students join students from the Haverford School, and a local high school at a ranch in Montana for a five-day symposium (writing, art, drama or photography), working with Western writers and artists.

Human Relationships Seminar [11-12]: Human Relationships is a biannual, non-credit ten-week course for Agnes Irwin, Baldwin School and Haverford School students. The class examines the complexities of human relationships through discussion of various topics that impact interpersonal relationships. Topics include societal norms, sex, gender, sexuality, feminism and more. Discussion is largely student-led, with readings and prompts provided by the team of four faculty who facilitate the program.

Robotics Team: One of a few all-girl teams in the region, the AIS robotics team grows out of an active Lego® Robotics middle school program. The robotics team annually designs a robot to enter the F.I.R.S.T. robotics competition, which involves thousands of schools from around the world. Typically participating in two or three competition events in the Mid-Atlantic Robotics District, the team has garnered many awards in its 15-year history and continues to introduce girls to real-world, hands-on science and technology.

Agnes Irwin Classes of 2013-2017 College/University Acceptances & Matriculations
 Institutions in **bold** are those where students enrolled: () indicates number more than one.

Albright College	Gannon University	Pratt Institute	University of California, Santa Barbara
American University (4)	George Mason University	Princeton University (8)	University of California, Santa Cruz
Amherst College (2)	Georgetown University (11)	Providence College	University of Central Florida
Arcadia University	Georgia Institute of Technology (2)	Purchase College State University of New York	University of Chicago
Arizona State University	Georgia State University	Purdue University	University of Colorado at Boulder (3)
Assumption College	Gettysburg College (3)	Quinnipiac University	University of Connecticut
Auburn University	Gonzaga University	Randolph-Macon College	University of Delaware (3)
Babson College	Goucher College	Regent's University London	University of Denver
Bard College	Grinnell College	Rice University	University of Hartford
Barnard College (4)	Grove City College	Rider University	University of Illinois at Urbana-Champaign
Bates College	Hamilton College	Roanoke College	University of Kentucky
Baylor University	Hampshire College	Robert Morris University	University of Louisville
Bennington College	Hampton University (2)	Rochester Institute of Technology	University of Maine
Bentley University	Hartwick College	Roger Williams University	University of Maryland, Baltimore County
Binghamton University	Harvard University (6)	Rollins College	University of Maryland, College Park (2)
Boston College (5)	Haverford College	Rosemont College	University of Massachusetts Dartmouth
Boston University (2)	Hawaii Pacific University	Royal Holloway, University of London	University of Massachusetts, Amherst
Bowdoin College (2)	High Point University	Rutgers University-New Brunswick	University of Massachusetts, Boston
Brandeis University	Hobart and William Smith Colleges	Saint Francis University	University of Miami (3)
Brown University (4)	Hofstra University	Saint Joseph's University (2)	University of Michigan (4)
Bryant University	Howard University (2)	Saint Louis University	University of Mississippi
Bucknell University (8)	Indiana University at Bloomington	Salisbury University	University of New England
Butler University	International University of Monaco	Salve Regina University	University of New Hampshire at Durham
Cabrini University	Ithaca College	Santa Clara University	University of New Haven
Carnegie Mellon University (6)	James Madison University	Sarah Lawrence College	University of North Carolina at Charlotte
Case Western Reserve University (3)	Johns Hopkins University (2)	Savannah College of Art and Design	University of North Carolina at Greensboro
Centre College	Johnson & Wales University (Providence)	Scripps College	University of Notre Dame (2)
Champlain College	Juniaata College	Shenandoah University	University of Oregon
Chapman University	Kenyon College	Skidmore College	University of Pennsylvania (22)
Chapman University	La Salle University	Smith College	University of Pittsburgh (3)
Cheyney University	Lafayette College	Southern Methodist University (6)	University of Pittsburgh at Bradford
Claremont McKenna College	Lake Forest College	Spelman College (2)	University of Pittsburgh at Greensburg
Clark Atlanta University	Lehigh University (2)	St. John's University - Queens Campus	University of Pittsburgh at Johnstown
Clark University	Lewis & Clark College	Stanford University (3)	University of Pittsburgh at Titusville
Clemson University (3)	Lock Haven University	Stetson University	University of Redlands
Colby College (2)	Loyola University Chicago	Stevens Institute of Technology	University of Rhode Island
Colgate University (2)	Loyola University Maryland (2)	Stony Brook University	University of Richmond (8)
College of Charleston	Lynchburg College	Suffolk University	University of Rochester
College of the Atlantic	Macalester College	Susquehanna University	University of San Francisco
College of William and Mary (2)	Marist College	Swarthmore College	University of South Carolina (2)
Colorado College	Marymount Manhattan College	Syracuse University (7)	University of Southern California (6)
Colorado State University	Massachusetts Institute of Technology	Temple University (2)	University of St Andrews (4)
Columbia College Chicago	McDaniel College	Texas A&M University, Galveston	University of Tennessee, Knoxville
Columbia University (2)	McGill University	Texas Christian University	University of the Pacific
Connecticut College	Memphis College of Art	The American University in Cairo	University of Toronto
Cornell University (6)	Merrimack College	The American University of Paris	University of Vermont
Dartmouth College (3)	Miami University, Oxford	The Catholic University of America	University of Virginia (6)
Davidson College	Middlebury College	The George Washington University (10)	University of Washington
Denison University	Mills College	The New School	University of Wisconsin, Madison
DePaul University	Monmouth University	The Ohio State University	Ursinus College
Dickinson College (2)	Montana State University, Bozeman	The Peabody Institute of The Johns Hopkins University	Utica College
Drew University (2)	Moore College of Art and Design	The University of Alabama (3)	Vanderbilt University (5)
Drexel University (8)	Mount Holyoke College	The University of Arizona	Vassar College
Duke University (4)	Muhlenberg College	The University of Edinburgh	Villanova University
Duquesne University	New York Institute of Technology	The University of North Carolina at Chapel Hill	Virginia Commonwealth University
Durham University (U.K.)	New York University (8)	The University of Scranton	Virginia Tech
Earlham College	North Carolina A&T State University	The University of Tampa	Virginia Union University
East Stroudsburg University	North Carolina Central University	The University of Texas, Austin	Wake Forest University (3)
Eckerd College	North Carolina State University	The University of the Arts	Washington and Jefferson College
Edinburgh College	Northeastern University (4)	Towson University	Washington and Lee University (3)
Elizabethtown College	Northwestern University	Trinity College	Washington College
Elmira College	Oberlin College	Trinity College Dublin	Washington University in St. Louis (4)
Elon University (9)	Occidental College	Trinity University	Wellesley College (2)
Emerson College	Ohio Wesleyan University	Tufts University (5)	Wesleyan University (4)
Emmanuel College	Old Dominion University	Tulane University (3)	West Chester University of Pennsylvania
Emory University (2)	Pace University, New York City	Tuskegee University	West Virginia University
Fairfield University	Pennsylvania State University (7)	Union College	Wheaton College MA
Fairleigh Dickinson University	Pennsylvania State University, Altoona	United States Coast Guard Academy	Wichita State University
Florida A&M University	Pennsylvania State University, Brandywine	University College London	Widener University
Florida Institute of Technology	Pennsylvania State University, Allegheny	University of British Columbia	Williams College
Florida Southern College	Penn State U, Schreyer Honors College	University of California, Berkeley (2)	Winston-Salem State University
Florida State University	Pepperdine University	University of California, Davis	Wofford College
Fordham University (3)	Philadelphia University	University of California, Irvine	Xavier University
Franklin & Marshall College (5)	Point Park University	University of California, Los Angeles (2)	Xavier University of Louisiana
Furman University	Pomona College	University of California, San Diego	Yale University