



Wheaton High School

Academy of Biosciences and Health Professions • Academy of Engineering
 Academy of Information Technology • Institute for Global and Cultural Studies
 12401 Dalewood Drive, Wheaton, MD 20906
 301-321-3400 • 301-942-8016 fax

2018 SCHOOL PROFILE

Established in 1954, Wheaton High School serves the communities of Wheaton, Rockville, and Silver Spring in Montgomery County, Maryland. A comprehensive public senior high school, Wheaton High School has a full complement of challenging academics and innovative programs including an honors program and an advanced placement program. Wheaton High School is partnered with four other MCPS high schools to create a consortium which promotes choice. As part of the choice process, students living in the community served by the consortium have the opportunity to choose to participate in Wheaton High School's unique academies. Wheaton High School is accredited by the Middle States Association of Colleges and Secondary Schools and by the Maryland State Department of Education.

ADMINISTRATION

Principal.....	Dr. Debra Mugge
Assistant Principal.....	Dr. James Berry, Jr.
Assistant Principal.....	Ms. Heather Carias
Assistant Principal.....	Ms. Pamela Krawczel
Assistant Principal.....	Ms. Sandi Williams

COUNSELING DEPARTMENT

Counseling Supervisor.....	Ms. Stephanie Powell
Counselor.....	Ms. Marsha Best-Minor
Counselor.....	Ms. Dynesha Brooks
Counselor.....	Ms. Cinthia Guzman
Counselor.....	Ms. Shannon Holliday
Counselor.....	Ms. Pauline Matthews
Counselor.....	Ms. Maureen Ponce
Counselor.....	Mr. Scott Woo
ESOL Counselor.....	Ms. Xiomara Medina
College & Career Coordinator.....	Ms. Cynthia Hammond-Davis
Registrar.....	Ms. Yanira Gaitan
Counseling Secretary.....	Ms. Linda San Gabriel

DEMOGRAPHICS

Total Enrollment 1967	Race	
Seniors 335	Hispanic	51.95%
Juniors 447	African American	24.62%
Sophomores 562	Asian	12.56%
Freshmen 623	White	8.55%
	American Indian	0%
	Non-Hispanic/mixed race	2.15%
Students now or have in the past received FARMS		72%

POST HIGH SCHOOL ACTIVITY - Class of 2017

College (2 & 4 year)	84.0%
Career Education	2.0%
Military	1.4%
Employment	12.7%

ACADEMIC AWARDS - Class of 2017

Gates Millennium Scholar	1
National Merit Scholarship	
Finalist	1
Semifinalist	1
Commended Students	4

Advanced Placement Scholars

Advanced Placement Scholars	71
Scholars with Distinction	40
Scholars with Honors	20
National AP Scholars	6

WHEATON ACADEMIES

The Academy of Biosciences offers three pathways: Biotechnology, Biomedicine, and Medical Careers. Students select a pathway to prepare for the challenges of college and the rapidly expanding careers in biotechnology, biological research, and medicine. Learning activities utilizing the latest in laboratory and computer equipment, together with the latest research and techniques, provide real world experiences.

The Academy of Engineering introduces students to the scope, rigor, and discipline of engineering. The Academy is a member of *Project Lead the Way*, a nationally recognized curriculum that challenges students of all abilities to become actively engaged in hands-on learning experiences using math, science, and technology. This academy provides experiences in solving real-world problems, and is designed for all students interested in an engineering career.

The Academy of Information Technology is a member program of the National Academy Foundation (NAF), a nationally recognized and endorsed program. Students in AOIT participate in a rigorous academic curriculum and are introduced to broad career opportunities in today's digital workforce. Students may choose one of two pathways: Programming or Information Resource Design.

The Institute for Global and Cultural Studies prepares students for the globalization of our ever-changing world. The IGCS academic program offers a cadre of Advanced Placement (AP) courses, hands-on learning opportunities, rigorous coursework, and research opportunities that enable students to broaden their understanding of the world. Through a partnership with Montgomery College, students also have the opportunity to enroll in credit-bearing college courses taught by college professors.

Biomedical and Engineering Application Programs

Application only programs provide rigorous math, science, and medical or engineering Project Lead the Way courses. The Biomedical students explore 21st Century health care solutions and a variety of careers in the health industry. The engineering students create inventions or innovations to solve real-world problems. Both programs employ hands-on and problem based projects in which students collaborate and give critical feedback for continuous project improvement.

HONORS, ADVANCED PLACEMENT AND COLLEGE COURSES

HONORS LEVEL

Algebra II
 Biology
 Chemistry
 English 9, 10, 11, 12
 World Languages Lvl's 1-5
 Geometry
 Health
 Jazz Ensemble
 Matter & Energy
 Modern World History
 National State & Local Government
 Pre Calculus
 Physics
 Symphonic Band
 Symphonic Orchestra
 US History

ADVANCED PLACEMENT

AP Biology
 AP Calculus AB
 AP Calculus BC
 AP Chemistry
 AP Computer Science 2
 AP Computer Science Principles
 AP English Language & Composition
 AP English Literature & Composition
 AP French
 AP Government US NSL
 AP Human Geography
 AP Physics 1
 AP Physics C
 AP Psychology
 AP Spanish Language

AP Spanish Literature
 AP Statistics
 AP US History
 AP World History

ADVANCED LEVEL

Advanced Composition
 Advanced Web Tools
 Anatomy & Physiology
 Computer Programming 1
 Computer Programming 3
 Mult. Variable Calc/Diff Equations
 Software Application Design
 Spanish 5
 Supt. Leadership Program Courses
 Web Site Development

CAPSTONE COURSES

Engineering Des & Dev
 Comp Science & Intern
 Biomedical Innovations
 Psychology and/or Law

MONTGOMERY COLLEGE

Intro to Programming
 Human Bodies
 General Psychology
 Java Programming Language
 Principles of English Grammar
 Principles of Economics I
 First Year Seminar

MONTGOMERY COUNTY PUBLIC SCHOOLS DOES NOT RANK STUDENTS

DISTRIBUTION OF CUMULATIVE AVERAGES

Range	% of Class GPA	% of Class WGPA
4.51 & above	0.00%	5.00%
4.01 - 4.50	0.00%	12.00%
3.51 - 4.00	14.00%	18.00%
3.01 - 3.50	23.00%	20.00%
2.51 - 3.00	28.00%	16.00%
2.01 - 2.50	21.00%	17.00%
1.51 - 2.00	9.00%	7.00%
1.01 - 1.50	4.00%	4.00%
1.00 & Below	0.00%	0.00%

NUMBER OF AP COURSES TAKEN BY 2017 GRADUATING ACADEMY STUDENTS

COURSE NAME	Total	COURSE NAME	Total
AP Biology	118	AP Human Geo	4
AP Calculus AB	94	AP French	8
AP Calculus BC	59	AP Government	120
AP Chemistry	72	AP Physics	0
AP Comp Prog 2	32	AP Psychology	137
AP Comp Sc Prin	7	AP Spanish Lit	10
AP English Lang	144	AP Spanish Lang	30
AP English Lit	67	AP Statistics	1
AP Physics C	47	AP US History	101
AP Physics 1	27	AP World Hist	115

GRADING SYSTEM & QUALITY POINTS

	Regular	Advanced/AP
A (90 – 100)	4	5
B (80 – 89)	3	4
C (70 – 79)	2	2 (AP=3)
D (60 – 69)	1	1
E (below 60)	0	0
E3 Loss of Credit (5 or more unexcused absences)		
CR Credit on Pass/Fail		
NC No credit on Pass/Fail		

MARYLAND DIPLOMA REQUIREMENTS

4.0 English
 4.0 Mathematics
 3.0 Science
 3.0 Social Studies
 1.0 Fine Art
 1.0 Technology
 1.0 Physical Education
 0.5 Health
 4.5 Electives including program completers

22.0 Credits Total

Students must also earn 75 Student Service Learning Hours and pass the Maryland High School Assessments.