



Milwaukee Academy of Science High School

SCHOOL PROFILE 2016-17

2000 W Kilbourn Ave, Milwaukee, WI 53233 P: 414-933-0302 F: 414-933-0302

www.milwaukeeacademyofscience.org

Chief Executive Officer: Anthony McHenry
Chief Academic Officer: Christopher Schwab

Guidance Counselor: Lisa Youngvorst x5207
Student Support Staff: Agape Keys x5203
Administrative Assistant: Taylor Merryfield x1500

Mission

The mission of the Milwaukee Academy of Science, an exemplary leader in STEM education, is to graduate urban students prepared successfully to compete at the postsecondary level.

School and Community

The Milwaukee Academy of Science (MAS) is a public charter school that serves over 1,000 K4-12th grade students on one campus located just west of downtown Milwaukee. The High School serves approximately 200 of those students. Our student body is 97% African American and 93% of students qualify for free or reduced lunch. MAS is chartered by the City of Milwaukee and has remained in good standing since its inception. The school was established in 2000 by T. Michael Bolger, then President of the Medical College of Wisconsin (MCW), to improve educational outcomes for students living in the inner-city in hopes that they would successfully compete to enter the medical field at MCW.

Enrollment & Faculty

For the 2016-17 school year, high school enrollment is 192. The Class of 2017 expects to graduate 27 students. The 2016-17 faculty includes 13 full-time educators and one part-time educator.

ACT Data

Graduating Class of	ACT # Tested	ACT Composite Average
2014	21	15.5
2015	34	16.6
2016	24	19.1

Interscholastic Athletics—Division 5 WIAA

MAS	Co-op with MPS	Future
Basketball	Football	Track and Field
Cheerleading	Volleyball	Lacrosse
Dance		

Extracurricular Activities

National Honor Society	Project Empower NOVA
Mock Trial	Yearbook
Choir	Logic & Game Club
Student Government	Newspaper
PEARLS for Teen Girls	
Alverno Girls' Academy of Science and Mathematics	

Class of 2016 Graduate Highlights

100% graduated
 100% college acceptance
 1 in 4 received fully-funded scholarships

Grade Point Average

3.0-4.0 31%
 2.0-2.9 52%
 1.0-1.9 17%

Post-Secondary Choices

Four Year Schools 73%
 Two Year Schools 23%
 Armed Services 0%
 Full Time Job 0%
 Trades 0%
 Undecided 4%

Colleges Attended by Graduates:

(last two years)

Milwaukee School of Engineering (MSOE)
 UW Madison
 UW Milwaukee,
 Whitewater, Steven's Point,
 Platteville
 Alverno College
 Concordia University
 Milwaukee Area Technical College (MATC)
 Madison Area Technical College
 University of Minnesota—Rochester
 Clark Atlanta University
 Bryant and Stratton
 Valley City State University
 Marian State University
 Mt. Mary University
 San Diego Community College

Graduation Requirements for 2016-17 (24 total Credits)

<p>Math 4 Credits Algebra Geometry Advanced Algebra Elective 1</p>	<p>English 4.5 Credits English 1 & 2 American Literature Public Speaking Elective 1</p>	<p>Foreign Lang 2 Credits Spanish 1 & 2</p>
<p>Science 6 Credits Biology Chemistry Physics Electives 3</p>	<p>Social Studies 3 Credits World History Ethics and Government African American Studies</p>	<p>Health .5 Credits Phys Ed 1.5 Credits Electives 2.5 Credits</p>

Curriculum: An academic school day is organized into seven 51-minute periods. AP courses offered are AP Biology and AP Environmental Science. Honors classes are offered in English 2, American Literature, and Chemistry. Dual enrollment for college credit is offered for math courses at Marquette University if warranted.

Computation of grade point average: All courses are included:

CURRENT CURRICULAR OFFERINGS: *Weighted Grade/ AP

GPA Scale:

A	4.0	100-93
A-	3.7	92-90
B+	3.3	89-87
B	3.0	86-83
B-	2.7	82-80
C+	2.3	79-77
C	2.0	76-73
C-	1.7	72-70
D+	1.3	69-67
D	1.0	66-63
D-	0.7	62-60
F	0.0	59-0

CEEB—ACT Code: 501463

Math:

Algebra
 Geometry
 Advanced Algebra
 Pre-Calculus
 Statistics

Science:

Biology
 Physical Science
 Chemistry
 Honors Chemistry
 Physics
 Technological Inquiry
 Engineering – Comprehensive
 Anatomy and Physiology
 Zoology
 Vertebrate Zoology
 AP Biology*
 AP Environmental Science*
 Scientific Research & Design--
 (DRIVE program @ MCW)

Social Studies:

World Studies
 Ethics and Government
 African American Studies
 Psychology
 Project Empower Nova

English:

English 1
 English 2
 Honors English 2
 American Literature
 Honors American Literature
 World Literature
 Advanced Composition
 Creative Writing
 Public Speaking

Foreign Language:

Spanish 1
 Spanish 2

Health:

Health

Phys Ed:

Physical Education
 Fitness

Electives:

Freshmen Seminar
 ACT Prep
 Community Involvement
 Personal Finance