



# Milwaukee Academy of Science High School

## SCHOOL PROFILE 2018-19

2000 W Kilbourn Ave, Milwaukee, WI 53233 P: 414-933-0302 F: 414-933-1914  
 www.milwaukeeacademyofscience.org

**Chief Executive Officer:** Anthony McHenry  
**Chief Academic Officer:** Christopher Schwab  
**Principal:** Tom Schalmo x5121  
**Dean of Students:** Kaylin Jones x5105

**Guidance Counselor:** Giselle Simons x5220  
**Student Support Staff:** Agape Keys x5207  
**Front Office Assistant:** Shonda Perkins 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 1,100 K4-12<sup>th</sup> grade students on one campus located just west of downtown Milwaukee. The High School serves approximately 250 of those students. Our student body is 97% African American and 94% 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 2018-19 school year, high school enrollment is 248. The 2018-19 faculty includes 16 full-time educators.

### ACT Data

Graduating Class of	ACT # Tested	ACT Composite Average
2015	34	16.6
2016	24	19.1
2017	27	17.8
2018	36	18.5

### Interscholastic Athletics—Division 4 WIAA

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

### Extracurricular Activities

National Honor Society	Student Government
Logic & Game Club	Yearbook
Upward Bound / UWM Talent Search	Newspaper
Alverno Girls' Academy of Science and Mathematics	

### Class of 2018 Graduate Highlights

**100% graduated**  
**100% college or post-secondary acceptance**  
**\$3.1 million earned in scholarships**

### Class of 2018 Grade Point Average

3.0-4.0	16%
2.0-2.9	38%
1.0-1.9	46%

### Class of 2018 Post-Secondary Choices

Four Year Schools	44%
Two Year Schools	47%
Armed Services	2%
Full Time Job	2%
Trades	2%

### Colleges Attended by Recent Graduates:

#### **(last two years)**

Milwaukee School of Engineering (MSOE)  
 UW Madison  
 UW Milwaukee  
 UW Parkside  
 UW Whitewater  
 UW Steven's Point  
 UW Platteville  
 Northwestern University  
 Rice University  
 Xavier University  
 Marian University  
 Milw Inst of Art & Design  
 Lane College  
 Alverno College  
 Concordia University  
 Milwaukee Area Technical College (MATC)  
 U of M— Rochester  
 Clark Atlanta University  
 Howard University  
 Mount Mary University  
 Minn State—Mankato

**Graduation Requirements for 2018-19** (24 total Credits)

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

**Curriculum:** An academic school day is organized into seven 50-minute periods. AP courses offered are AP Environmental Science and AP Psychology. Honors classes are offered in American Literature and Chemistry. Dual enrollment for college credit is offered for math courses at a local university if warranted.

**Computation of grade point average:** All courses are included:

**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**

**CURRENT CURRICULAR OFFERINGS:** \*Weighted Grade/ AP

**Math:**  
 Pre-Algebra  
 Algebra  
 Geometry  
 Advanced Algebra  
 Pre-Calculus  
 Senior Math

**Science:**  
 Biology  
 Physical Science  
 Chemistry  
 Honors Chemistry  
 Physics  
 Technological Inquiry  
 Engineering – Comprehensive  
 Anatomy and Physiology  
 Zoology  
 Vertebrate Zoology  
 Scientific Research & Design--  
 (DRIVE/SUPREMES program @  
 Medical College of Wisconsin)  
 \*AP Environmental Science

**Social Studies:**  
 World History  
 Ethics and Government  
 African American Studies  
 Psychology  
 \*AP Psychology

**English:**  
 English 1  
 English 2  
 American Literature  
 Honors American Literature  
 World Literature  
 Women’s Literature  
 African-American Literature  
 British Literature

**Foreign Language:**  
 Spanish 1  
 Spanish 2  
 Spanish 3

**Health:**  
 Health

**Phys Ed:**  
 Fitness

**Electives:**  
 Freshmen Seminar  
 Acting