



The Mississippi School for Mathematics and Science

CEEB CODE: 251409



2023-2024 PROFILE

MSMS is a Member of the National Consortium of Secondary STEM Schools.

The goal of the Consortium is to foster, support, and advance the efforts of those specialized schools whose primary purpose is to attract and academically prepare students for leadership in mathematics, science, and technology.

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www.themsms.org

The Mississippi School for Mathematics and Science (MSMS) was created by legislative enactment on July 1, 1987. The school was constructed on the campus of the Mississippi University for Women in Columbus, Mississippi, and is governed by the State Board of Education. MSMS is Mississippi's only public, residential high school specifically designed to meet the needs of the Magnolia State's most academically gifted and talented students with an emphasis in STEM education. Application to MSMS is open to any sophomore student who resides in Mississippi. The applicants' interests in mathematics, science, engineering, and technology are considered as well as past academic performance, standardized test scores, extracurricular interests, and accomplishments. To ensure that procedures for selection are fair and equitable, the State Board of Education established a process that uses three committees. These review committees are made up of educators and non-educators from across the state, representing all four of Mississippi's congressional districts. The school admits academically qualified students without regard to race, creed, color, sex, or national and ethnic origin.

ACCREDITATION

Cognia

GRADES

11 and 12

ENROLLMENT

Juniors-132
Seniors – 110

ETHNICITY

Asian – 18.6%
African American – 16.9%
Hispanic – 4.9%
White – 49.6%
Two or More Races – 7.9%
Native American – 1.7%
Pacific Islander – 0.4%

FIRST GENERATION COLLEGE

24.6%

GRADING SCALE

A=90-100
B=80-89
C=70-79
NC (No Credit) = 0-69

TEACHING FACULTY

Master Degrees 100%
Doctoral Degrees 25%

Executive Director

Dr. Donnie Cook
dcook@themsms.org

Director for Academic Affairs

Ms. Ginger Tedder
gtedder@themsms.org

Professional School Counselor

Mrs. Shelle Bates (662)
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Professional School Counselor

Dr. Heath Stevens
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ACADEMICS

- All courses are taught at the honors level or above and some college level courses receive dual credit from the Mississippi University for Women and Mississippi State University.
- A minimum of 24.5 Carnegie units are required for graduation from MSMS for the class of 2023 and 2024.
- Thirteen units must be earned while enrolled at MSMS.
- Students have the opportunity for in-depth studies through mentorship and research courses.

GPA STATEMENT

- All MSMS courses are taught at honors level or higher. MSMS does not calculate GPA. However, for **scholarship purposes ONLY** a GPA will be calculated on a 4.0 **unweighted** scale to include courses taken at the home school and at MSMS for which Carnegie units of credit have been earned. Grades transferred from the home school will be assigned quality points based on the home school grading scale.

CLASS RANK

- MSMS does not establish class rank. Our students are among the best from schools across the state and must adjust to a very strenuous course load. MSMS students are considered to be in the top 5% in the state.

POST HIGH SCHOOL PLACEMENT

- 99.2% matriculate to 4-year colleges
- 0.8% matriculate to 2-year colleges

Colleges Attended by MSMS 2023 Graduates

Alcorn State University
 Boston University
 Brown University
 California Institute of Technology
 Carnegie Mellon University
 Colby College
 Delta State University
 Denison University
 Duke University
 Emory University
 Harvard University
 Jackson State University
 Louisiana State University
 Louisiana Tech University

Massachusetts Inst. of Technology
 Mercer University
 Mississippi State University
 Purdue University
 Rhodes College
 Spelman College
 Texas Tech University
 The United States Marine Corps
 The University of Alabama-
 Birmingham
 The University of AL-Huntsville
 The University of Southern California
 Tougaloo College
 Tufts University

Tuskegee University
 University of Chicago
 University of Kansas
 University of Memphis
 University of Michigan
 University of New Orleans
 University of North Carolina- Chapel Hill
 University of Rochester
 University of Southern Mississippi
 University of Tampa
 University of Texas at Dallas
 Wesleyan University
 Winthrop University
 Yale University

Awards and Distinctions

15 National Merit Finalists
 3 QuestBridge Scholarship Winners
 1 U.S. Presidential Scholar

Advanced Placement Classes

AP Physics C Mechanics
 AP Physics C E&M
 AP Biology
 AP Chemistry
 AP Statistics
 AP Calculus I
 AP Calculus II
 AP Calculus III
 AP Calculus BC

Dual Credit Courses

University Composition I & II
 MUW EN 101 & EN 102
University English Literature I & II
 MUW EN 201 & EN 202
University American Literature I & II
 MUW EN 203 & MUW EN 204
University Calculus I & II
 MUW MA 181 & MUW MA182
University General Biology I & II
 MUW BSB 151 & MUW BSB 152
University Chemistry I & II
 MUW PSC 111 & MUW PSC 112
University Western Civilization
 MUW HIS 102
University History of the US II
 MUW HIS 110
Introduction to Programming
 MSU CSE1284
Intermediate Programming
 MSU CSE 1384
Introduction to Engineering
 MSU GE 1911



Mean Scores for Class of 2023

ACT Subscore	MSMS Mean	State Mean	Nat'l Mean
English	29.3	17.2	19
Mathematics	27.1	17.4	19.3
Reading	29.3	18.2	20.4
Science	27.6	18	19.9
Composite	28.4	17.8	19.8

Mean Scores for Class of 2022

SAT Subscore	MSMS Mean	State Mean	Nat'l Mean
E-B Reading/Writing	688	612	533
Mathematics	691	589	528
Total	1380	1202	1060