



# ARKANSAS SCHOOL FOR MATH SCIENCES + THE ARTS

## 2025-26 SCHOOL PROFILE



### Arkansas' Premier Public High School

The Arkansas School for Mathematics, Sciences, and the Arts is a specific investment by the General Assembly in the state's most talented and promising young minds. Each year, 10th-, 11th-, and 12th-grade students from across Arkansas come to ASMSA to live and learn within a community of approximately 250 intellectual peers. The residential experience combines college-level coursework, dynamic faculty, advanced research opportunities, diverse experiences within the arts, study abroad trips, and more to create an educational community unlike any other in Arkansas.

### School Mission

The Arkansas School for Mathematics, Sciences, and the Arts, a campus of the University of Arkansas System, is a public residential high school serving academically and artistically motivated students of all backgrounds from throughout the state. ASMSA's community of learning exemplifies excellence across disciplines while serving as a statewide center of academic equity and opportunity that ignites the full potential of Arkansas' students and educators.

### Student Transcripts

ASMSA's main point of entry is for juniors, but two focused programs for sophomore enrollment exist. ASMSA issues a unified transcript that includes high school coursework from both the sending school and ASMSA that reflects the appropriate grade level of academic achievement at their local, community school as well as coursework completed in residence during their two or three years at ASMSA.

Unweighted GPAs are reported on a 4.0 scale. Weighted GPAs are tabulated for colleges that consider them. A quality point is added for each course completed for concurrent credit taken through University of Arkansas at Fort Smith as well as additional high school courses approved for weighted credit by the Arkansas Department of Education's Division of Elementary and Secondary Education. Concurrent courses receiving either 3 or 4 hours of college credit are awarded 1 unit of ASMSA credit toward completion of high school graduation requirements per ADE regulations.

Because the majority of disciplinary events are related to unique community standards and expectations, ASMSA does not report discipline as part of the college admissions process. Due to the selective nature of ASMSA and the overall strength of our student body, **ASMSA does not calculate students' class ranks.**

### Statement on Excellence Gaps and Equity

Even as a selective admissions high school, ASMSA recognizes that promising students often experience "excellence gaps" between what they are capable of learning and the opportunities available to them in their prior sending school. As a result, some students may not be able to advance as far into ASMSA's college-level curriculum and higher-level STEM courses as others. ASMSA practices a conservative approach to course placement to help ensure a productive transition into our community of learning while recognizing that our program is simply the next step in a lifetime of learning for these outstanding young people.

**Unweighted  
GPA Range**

**ACT  
Range**

**3.98**

High (75%)

**31**

High (75%)

**3.84**

Mean GPA

**27.6**

Mean Composite

**3.72**

Low (25%)

**24**

Low (25%)

Scores updated September 2025  
At present, the Class of 2026  
includes 110 students.

**CEEB Code: 041148**  
200 Whittington Ave.  
Hot Springs, AR 71901  
Main Phone: 501-622-5100  
Fax: 501-622-5108  
Web: [asmsa.org](http://asmsa.org)  
Social: /ARMathSciArts

**Office of Student Success**  
Erica Arivette, Student Success Coordinator  
[arivettee@asmsa.org](mailto:arivettee@asmsa.org); 501-622-5175  
Adrienne Conley, Coor./Scholar Development  
[conleya@asmsa.org](mailto:conleya@asmsa.org); 501-622-5280  
Ali Rush, Student Success Coordinator  
[rusha@asmsa.org](mailto:rusha@asmsa.org); 501-622-5176

**Campus Leadership**  
Corey Alderdice, Executive Director  
[alderdicec@asmsa.org](mailto:alderdicec@asmsa.org); 501-622-5117  
Stuart Flynn, J.D., Dean of Academic Affairs  
[flynns@asmsa.org](mailto:flynns@asmsa.org); 501-622-5111  
Bret Vallun, Assoc. Dean/College Counseling  
[vallunb@asmsa.org](mailto:vallunb@asmsa.org); 501-622-5129





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### Academic Engagement through an “Early College” Experience

ASMSA offers an “early college” program where each student earns at least 30 hours and many average 50 hours of college credit through our partnership with the University of Arkansas-Fort Smith. ASMSA’s Concurrent Core consists of classes across composition, literature, history, global languages, math, biology, chemistry, physics, and computer science. Students must also satisfy state graduation requirements in social sciences, art, and other subjects. Nearly 70 courses are available for college credit. ASMSA has chosen to pursue partnership credit instead of Advanced Placement coursework in order to provide our talented faculty with the flexibility to create a more dynamic and engaging set of classroom experiences for students.

### College Readiness through Residential Education

While college readiness is often defined by ACT benchmarks or other standardized exams, the residential experience offered to ASMSA students emphasizes independent living, autonomous decision-making, leadership development, cultural diversity, emotional wellness, and other life skills. As students transition to life on college and university campuses, their residential education is equal to their classroom experiences in preparing them for the steps ahead.

### Capstone Projects and Learning Beyond the Classroom

ASMSA students have the opportunity to conduct real-world explorations guided by faculty mentors. Students invested in STEM disciplines complete a research project on a subject of their choice, often leading to recognition at the state and international science fairs. Arts and Humanities students have the option of completing a capstone project or a portfolio of creative works. All students are encouraged to participate in prominent state, regional, and national competitions that provide an opportunity to share their research and talents with an external community as well as receive peer and professional feedback.

### Visual Arts and Design & Music Programs of Distinction

In recent years, ASMSA has made significant investments to expand faculty, courses, and opportunities in the Arts and Music. This includes PODs for both, special pathways for students to explore an intentional program of study in visual arts or music. ASMSA is a member of the Art Schools Network, a nonprofit organization focused on providing resources, support, and networking opportunities to its members. Students must still satisfy all Arkansas Graduation Requirements as well as earn a minimum of 30 hours concurrent college credit through the University of Arkansas at Fort Smith.

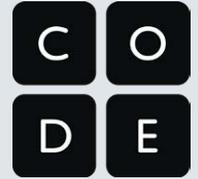
## EARNING NATIONAL RECOGNITION



**#1** in Best Public High Schools in Arkansas and **#55** nationally in 2026 Niche.com rankings



**#21** nationally in Study.com’s list of top STEM high schools



Recognized by Code.org as a Champion of Computer Science

## INSTITUTIONAL ACCOLADES

**97%** College Matriculation or Military Enlistment (2025 Class)

**36** students have represented Arkansas at the Regeneron ISEF over the past five years, including 1 Regeneron STS Scholar.

**6** members of the Class of 2026 have been named National Merit Semifinalists.

**\$354 million** in college scholarships have been awarded to ASMSA alumni.

## STUDENT DEMOGRAPHICS

**42%** of students are from families qualifying for federal school meal programs.

**42%** of recent graduates come from Arkansas Delta counties.

**37%** of current seniors are on the path to becoming the first member of their family to earn a college degree.

**38%** identify as students of color.

Ethnicity	Total	Percentage	Arkansas Percentage
American Indian	1	0.4%	1.0%
Asian	34	13.7%	1.7%
African-American/Black	21	8.5%	15.7%
Hispanic/Latino	11	4.4%	7.7%
Caucasian/White	142	57.3%	72.2%
Multiple/Other/Unknown	39	15.7%	2.2%

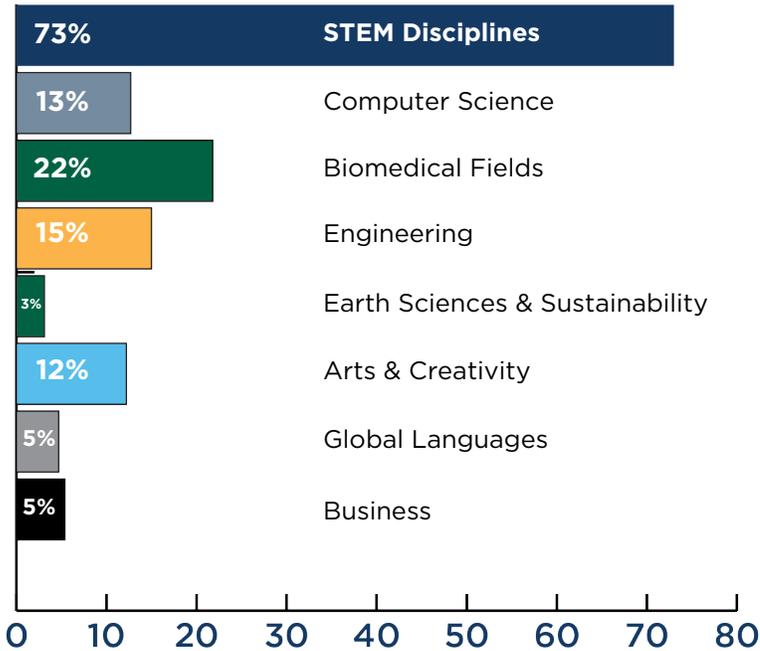


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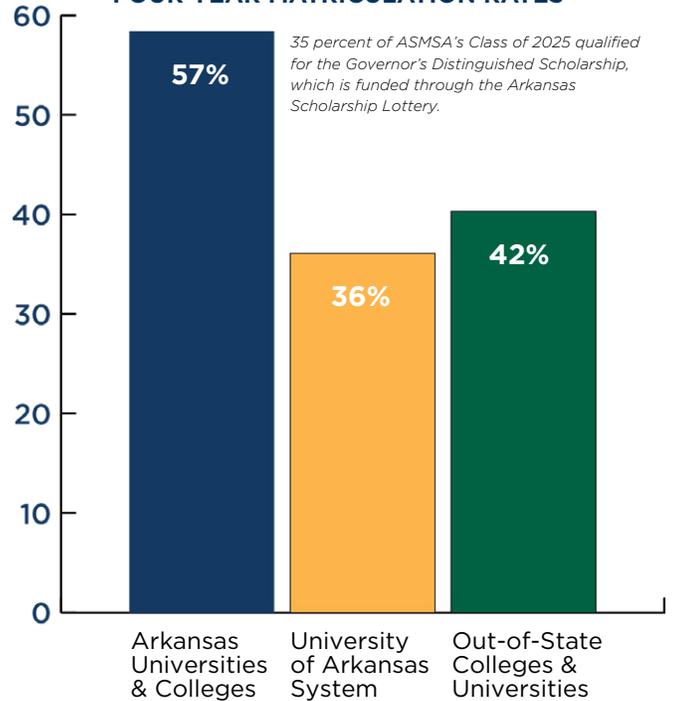
## 2025-26 SCHOOL PROFILE



**COLLEGE MAJORS OF CHOICE  
FOR RECENT GRADUATES (2021-2025)**



**FOUR-YEAR MATRICULATION RATES**



## COLLEGE MATRICULATION CLASSES 2021-2025

Agnes Scott College  
Alabama A&M University  
American University  
Amherst College  
Arkansas State University  
Arkansas Tech University  
Auburn University  
Ball State University  
Bates College  
Baylor University  
Boston College  
Boston University  
Bowdoin College  
Brown University  
Bryn Mawr College  
Carnegie Mellon University  
Centenary College  
Center College  
College of the Holy Cross  
Columbia University  
Cornell University  
Cornish College of the Arts  
Dartmouth College  
Denison University  
DePaul University  
Drury University  
Eckerd College

George Washington University  
Georgetown University  
Georgia Tech University  
Grinnell College  
Harvey Mudd College  
Henderson State University  
Hendrix College  
High Point University  
Hollins University  
Howard University  
Indiana University Bloomington  
Johns Hopkins University  
Kansas City Art Institute  
Louisiana Tech University  
Loyola University (Chicago)  
Macalester College  
Massachusetts Institute of Technology  
Miami (Ohio) University  
Mississippi State University  
Missouri State University  
Missouri University of Science & Technology  
Muhlenberg College  
National Park College  
New York University  
N. Arkansas Community College

Northeastern University  
Northwestern University  
Occidental College  
Oklahoma State University  
Oregon State University  
Otis College of Art and Design  
Phillips Community College  
Purdue University  
Rensselaer Polytechnic Institute  
Rhodes College  
Rice University  
Southern Arkansas University  
Swarthmore College  
Syracuse University  
Tennessee State University  
Texas A & M University  
The College of Charleston  
Thomas Jefferson University  
Tufts University  
University of Alabama  
Univ. of Arkansas - Fayetteville  
University of Arkansas-Fort Smith  
University of Arkansas-Little Rock  
University of Central Arkansas  
University of Central Florida  
University of Central Missouri  
University of Chicago

University of Connecticut  
University of Florida  
University of Hartford  
University of Iowa  
University of Memphis  
Univ. of Minnesota Twin Cities  
University of Mississippi  
University of Missouri  
University of Oregon  
University of Pennsylvania  
University of Richmond  
University of Rochester  
University of South Florida  
University of Texas at Dallas  
University of Texas-Arlington  
University of Tulsa  
University of Wisconsin-Madison  
Vanderbilt University  
Washington University-St Louis  
Wesleyan University  
Western Governor's University  
Willamette University  
William and Mary  
Williams College  
Xavier University of Louisiana  
Yale University



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### COURSE CATALOG AND GRADUATION REQUIREMENTS

#### MATHEMATICS AND COMPUTER SCIENCE

##### Mathematics

Biostatistics  
Bridge to College Algebra  
Calculus I\*, II\*, III\*  
College Algebra\*  
Differential Equations\*  
Discrete Math\*  
Geometry  
Introduction to Statistical  
Methods\*  
Linear Algebra

Number Theory  
Pre-Calculus\*  
Quantitative Literacy  
Trigonometry\*

##### Computer Science

Advanced Topics in  
Computer Programming  
Computer Programming I\*,  
II\*, III\*  
Game Programming

#### NATURAL AND PHYSICAL SCIENCES

##### Biology

Anatomy & Physiology I\*, II\*  
Animal Behavior  
Biological Science\*  
Botany\*  
Ecology  
Microbiology\*  
Science of Biology I\*, II\*  
Zoology\*

##### Chemistry

Biochemistry  
Chemistry and Society\*  
Chemistry for Scientists &  
Engineers I\*, II\*  
Organic Chemistry  
Bridge to College Chemistry

##### Earth Sciences and Multidisciplinary

Astronomy\*  
Circuits I\*, II\*  
Earth Systems Science\*  
Environmental Science  
Oceanography

##### Physics

College Physics I\*, II\*  
Physics for Scientists &  
Engineers I\*, II\*  
Physical Concepts\*

#### ARTS AND HUMANITIES

##### History and Social Science

American Military History  
American Studies I\*, II\*  
Economics  
Psychological Disorders  
Psychology  
Sociology  
U.S. History\*  
World History\*

##### Music

Applied Lessons  
Choir  
Music Theory I\*, II\*  
String Ensemble  
Wind Ensemble

##### Visual Art

2D Art and Design\*  
3D Art and Design\*  
Ceramics I, II, III  
Digital Photography  
Drawing I, II\*  
Graphic Design\*  
Humanities Through the  
Arts\*  
Introduction to Fused Glass  
Modern Design & Craft  
Painting I\*, II

##### Writing and Literature

Ancient Greek Literature\*  
British Literature\*  
Composition I\*, II\*  
Gender in Literature\*  
Philosophy in Literature\*  
Poetry\*  
Sophomore English  
Special Topics in Literature  
Speech\*  
Survey of World Literature\*  
Yearbook

##### Foreign Languages

French I\*, II\*, III\*, IV\*, V\*  
Japanese I, II, III  
Spanish I\*, II\*, III\*, IV\*, V\*

#### CAPSTONES

Computer Science  
Creative Writing\*  
Film  
Humanities  
Intro to Engineering & Design  
Life Sciences

Math Modeling  
Music  
Music POD (Class of 2027)  
Physical Science  
Research in the Park  
Visual Arts & Design POD\*

#### Arkansas Graduation Requirements

4 units English Language Arts  
3 units Science  
4 units Mathematics  
3 units Social Studies  
1 unit Health/PE  
.5 unit Fine Arts  
.5 unit Oral Communication  
6 units Career Focus or  
Content Electives

\* Denotes concurrent credit  
awarded for course

#### ASMSA College Bridge

Under this specialized framework, students must satisfy  
all Arkansas Graduation Requirements as well as earn a  
minimum 30 hours of concurrent college credit through the  
University of Arkansas at Fort Smith.

#### 3 Semesters of English

Composition I, II, & a  
Literature Elective

#### 3 Semesters of Mathematics

Minimum of Bridge to  
College Algebra, College  
Algebra, & Trigonometry

#### 3 Semesters of Science

From offerings in Biology,  
Chemistry, Physics, Earth  
Science, & Computer Science

#### 4 Semesters of a Global Language

When possible, six  
semesters are recommended

#### Visual Arts and Design Program of Distinction (POD)

#### Foundations of Visual Arts

2D Design, 3D Design, Drawing, Digital Arts  
Elective, & Humanities Through the Arts

#### Electives

Four courses/seminars of a student's  
choosing

#### Senior Seminars

Senior Portfolio & Senior Studio

#### Music Program of Distinction (POD)#

#### Foundations of Music

Materials of Music, Music Theory I & II, and  
two electives

#### Ensembles (4 semesters)

Applied Lessons and Studio (4 semesters each)

# Music POD begins with Class of 2027

#### Capstone Experience

The capstone project and showcase of students' works are facilitated across the full series of  
courses and not centered within the traditional two-course sequence.