



Arkansas School
for Mathematics,
Sciences and the Arts

2017-18 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 many of the state's most talented and promising young minds. Each year, students from counties across Arkansas come to ASMSA to live and learn within a community of 230 intellectual peers. The residential experience combines college-level coursework, dynamic faculty, advanced research opportunities, study abroad trips, and more to create an experience unlike any other in Arkansas.

Student Transcripts

ASMSA issues a unified transcript that reflects coursework from both the sending school and ASMSA. Transcripts include grades earned from students' freshman and sophomore years of high school from their local, community schools as well as coursework completed in residence during their junior and senior 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 Little Rock as well as additional high school courses approved for weighted credit by the Arkansas Department of Education (ADE).

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.

Due to the selective nature of ASMSA and the overall strength of our student body, **ASMSA does not calculate students' class ranks.**

ACT Range	Unweighted GPA Range
32 High (75%)	3.94 High (75%)
29.0 Mean Composite	3.84 Mean GPA
27 Low (25%)	3.74 Low (25%)

Scores updated September 2017
At present, our senior class includes 109 students.

SIX WAYS ASMSA PREPARES STUDENTS FOR COLLEGE AND BEYOND



Residential Experience

Students live and learn in a residential community of 230 peers from across Arkansas.



Real-World Research

All students undertake and complete an independent research project spanning junior and senior years.



College-Level Academics

ASMSA graduates finish high school with an average of 50 hours of college credit.

Diverse Learners

ASMSA has the highest percentage of low-income students at any of the nation's 16 public residential STEM schools.



Global Citizens

ASMSA is committed to international engagement through study abroad, language immersion, and other partnerships.



Coding the Future

ASMSA is the only high school in Arkansas to require a computer science class in order to graduate.



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Academic Engagement through a "College Bridge" Experience

ASMSA offers a "college bridge" program where each student earns at least 30 hours of college credit through our partnerships with UA-Little Rock. 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 60 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.



Research and Learning Beyond the Classroom

ASMSA students have the opportunity to conduct real-world research guided by faculty mentors. STEM Emphasis students complete a Fundamentals in Research Methods (FIRM) project on a subject of their choice, often leading to recognition at the state and international science fairs. Arts and Humanities Emphasis students have the option of completing a Senior Research Symposium project or portfolio capstone. Partnerships with the National Park Service, Mid-America Science Museum, Little Rock Technology Park, and other universities provide students with unique opportunities to apply their knowledge and passion.



Study Abroad and Global Learning

ASMSA's Global Learning Program opens doors of possibility to students as they explore other languages and cultures through multiple study abroad excursions and visits from international guests. Advanced levels of Spanish and French as well as beginning levels of Mandarin Chinese and Japanese are also available for credit. Over the past five years, nearly 300 ASMSA students have studied abroad.



EARNING NATIONAL RECOGNITION

For more than two decades, ASMSA has provided talented and motivated students the opportunity to attend one of the nation's top public schools right here in Arkansas. ASMSA has received national recognition for its outstanding academic program, including being named to *The Washington Post's* "Public Elites" list that recognizes approximately 25 of the nation's highest performing high schools. *Newsweek* and *The Daily Beast* have also ranked ASMSA among the nation's best high schools in recent years.

ASMSA has been ranked consistently among the nation's Top 25 high schools.



13th Nationally
8th in
The South



10th Nationally
5th in
The South



"Public Elites"
Advanced Schools
(15, 16 & 17)

INSTITUTIONAL ACCOLADES

100%
College Matriculation

7 members of the Class of 2018 have been named National Merit Semifinalists.

23 students have represented Arkansas at the Intel ISEF over the past six years, including 9 prizes won.

\$218 million in college scholarships have been awarded to ASMSA alumni.

STUDENT PROFILE

33% of students are from families qualifying for federal school meal programs.

32% of recent graduates are on the path to becoming the first member of their family to earn a college degree.

29% of recent graduates come from Arkansas Delta counties.

28% minority enrollment