



SCHOOL PROFILE

CEEB# 262-147

MISSOURI ACADEMY ADMINISTRATION:

Cleo Samudzi, Ph.D.
Dean of the Missouri Academy

Sam Jennings II, Ph.D.
Director of Student Development

Diana Schmitz, M.B.A.
Director of Academic Affairs

Robert S. Bryant Jr., B.S.
Director of Enrollment

Robert Theodore, Ph.D.
Director of Counseling

Dee Hibbs, B.S.
Executive Secretary

PROGRAM DESCRIPTION

The Missouri Academy of Science, Mathematics, and Computing (Missouri Academy or MASMC) is a two-year, early-entrance-to-college, residential school for academically high performing high school students. It is located on the campus of Northwest Missouri State University in Maryville, Missouri. The school accepts students (domestic and international) who have completed 10th grade at their traditional high schools, and thus replaces the junior and senior years of traditional high school. The curriculum consists of college coursework taught by professors at Northwest Missouri State University. Missouri Academy students attend the same classes with traditional university students, and professors have the same high expectations of Missouri Academy students as they do for traditional university students. Students who complete this program earn an Associate of Science degree and a high school diploma. It is an opportunity for high achieving students to live and study in a community of peers. By most measures, this school has been successful since its inception in August 2000.

ADMINISTRATION

The Missouri Academy is a part of Northwest Missouri State University, and as such, it is publicly funded. It is organized and functions like any other school or college within a university structure. The principal administrator of the Missouri Academy is a Dean, who reports to the Provost at Northwest Missouri State University. Approximately 90 percent of the overall budget for the Missouri Academy comes from Northwest Missouri State University, and the other 10 percent comes from Missouri's Department of Elementary and Secondary Education through the Average Daily Attendance (K-12) formula funding.

ADMISSION TO THE MISSOURI ACADEMY

To be considered for admission into the Missouri Academy, a high school sophomore must have a minimum ACT composite score of 23 and a minimum mathematics sub-score of 24 OR minimum SAT scores of 1060 total and 560 mathematics sub-score. Furthermore, all students who enroll must have completed Algebra II and Geometry. The admissions committee at the Missouri Academy uses the following five factors during the selection process: (1) ACT/SAT scores, (2) Grade-point average or GPA in 9th and 10th grades, (3) Class rank, (4) Teacher evaluations, and (5) Student essays.

Students must successfully complete two years at the Missouri Academy to graduate. Thus, every fall semester, a new class of incoming students (first-year) join a class of returning (second-year) students. The table below shows admissions data for new incoming students since the inaugural class of 2002. The average age of these incoming students is 16.1 years.

	Enrolled Students*	Mean ACT		Mean GPA: (9 th -10 th grades)	Mean Class Rank (top x%)	Female/Male	Minority Population
		Composite	Math				
Class of 2002	41	27.2 ± 3.1	26.3 ± 3.2	3.8 ± 0.3	9.0%	23/18	7.3%
Class of 2003	57	27.8 ± 2.5	28.1 ± 2.8	3.9 ± 0.2	6.4%	30/27	15.8%
Class of 2004	58	28.3 ± 1.9	28.0 ± 2.2	3.9 ± 0.2	7.1%	28/30	15.5%
Class of 2005	44	27.5 ± 2.8	27.1 ± 3.2	3.8 ± 0.2	6.7%	23/21	20.5%
Class of 2006	54	26.7 ± 2.4	27.8 ± 2.7	3.8 ± 0.3	7.3%	32/22	11.1%
Class of 2007	59	26.2 ± 2.7	27.1 ± 2.6	3.9 ± 0.2	5.4%	26/33	6.8%
Class of 2008	54	26.8 ± 2.8	27.8 ± 2.4	3.8 ± 0.3	9.0%	24/30	9.3%
Class of 2009	88	26.2 ± 2.3	26.6 ± 2.9	3.9 ± 0.2	6.3%	46/42	9.1%
Class of 2010	103	26.0 ± 1.8	26.2 ± 1.9	3.9 ± 0.1	9.8%	49/54	16.3%
Class of 2011	96	26.9 ± 2.0	26.6 ± 2.4	3.9 ± 0.1	6.5%	47/49	13.4%

*Enrolled students means the number of entering (first-year) students per cohort.

CONTACT US:

www.nwmissouri.edu/MASMC
Or call toll-free 877.398.4615
Local Phone: 660.562.1960
Fax: 660.562.1856
E-mail: masmc@nwmissouri.edu

Missouri Academy of Science,
Mathematics and Computing
Northwest Missouri State University
800 University Drive
Maryville, MO 64468-6001

The tables below show Missouri Academy (MASMC) students' performance on the Post-Admission ACT as compared with that of students across the state of Missouri (MO).

Class of	Average Post-Admission ACT Scores											
	Students Tested		English		Mathematics		Reading		Science		Composite	
	MASMC	Missouri	MASMC	Missouri	MASMC	Missouri	MASMC	Missouri	MASMC	Missouri	MASMC	Missouri
2003	31	42,840	30.7	21.2	30.1	20.7	32.2	21.9	29.8	21.4	30.8	21.4
2004	41	42,862	30.1	21.4	30.5	20.9	31.4	22.0	30.7	21.4	30.9	21.5
2005	25	42,705	29.6	21.4	29.6	20.9	31.2	21.9	29.4	21.5	30.1	21.6
2006	34	42,885	28.9	21.5	29.0	21.0	30.4	22.0	29.5	21.5	29.6	21.6
2007	32	45,354	28.8	21.5	29.8	21.0	28.9	22.1	29.7	21.5	29.4	21.6
2008	35	47,240	30.1	21.4	29.7	21.0	30.5	22.0	29.9	21.4	30.1	21.6
2009	54	46,923	29.3	21.5	30.3	20.9	28.6	22.1	29	21.5	29.4	21.6

Class of	Percent of Students Meeting College Readiness Benchmarks*											
	Students Tested		English		Mathematics		Reading		Science		Meeting All	
	MASMC	Missouri	MASMC	Missouri	MASMC	Missouri	MASMC	Missouri	MASMC	Missouri	MASMC	Missouri
2003	31	42,840	100	72	100	40	100	56	97	29	97	23
2004	41	42,862	100	74	100	42	100	56	100	30	100	23
2005	25	42,705	100	74	100	42	100	56	96	30	96	23
2006	34	42,885	100	74	100	43	100	57	97	30	97	24
2007	32	45,354	97	74	97	42	94	56	91	31	88	25
2008	35	47,240	100	73	100	42	100	57	94	31	94	24
2009	54	46,923	98	73	98	42	89	57	98	32	87	25

*A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher, or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing course.

STUDENT DEVELOPMENT

Student Development Philosophy

Student development is an important part of the experience at the Missouri Academy. Throughout the two years the Missouri Academy Residential Life staff develops programs designed to provide support for student growth in leadership, responsibility and citizenship.

Most students who attend the Missouri Academy are not only high performing in science, mathematics, and computing, but are also gifted/ talented in music, arts, the humanities, athletics and community service. They have performed extremely well at local, statewide and multi-state appearances for Model United Nations, Boys State and Girls State, community service projects in Maryville and the hurricane-ravaged gulf coast, Northwest Missouri State University Musical Ensembles, and Theatre.

Clubs and Organizations

Missouri Academy students have opportunities to participate in many activities and organizations. Some of the clubs and organizations are only for Missouri Academy students, and others are university-wide and appropriate for adolescents 15-18 years of age. Some examples of these clubs and organizations include:

Missouri Academy Clubs and Organizations:

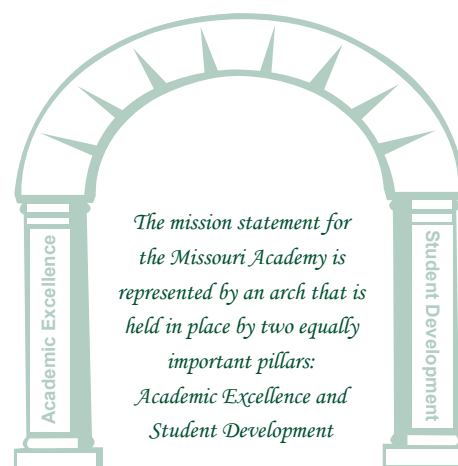
- Student Government Association (SGA)
- Yearbook Club
- Model United Nations
- Future Business Leaders of America (FBLA)
- Missouri Academy Mathematics Team
- Robotics Club
- Residential Life Committee
- Prom Committee
- Improv Club
- Student Activities Committee
- Second Year Experience
- Science Olympiad

University-wide Clubs and Organizations:

- Northwest Missouri State University Marching Band
- Northwest Missouri State University Orchestra
- Northwest Missouri State University Residence Hall Association
- Religious Organizations

Community Service

Community service is central to the philosophy and living/learning community of MASMC. Students participate in voluntary community service activities throughout the two years in residence. These community service activities range from painting homes in the local Maryville community, to helping in nursing homes, to tutoring in local schools, to adopting a highway (cleaning), to a canned food drive, to assisting with care of animals at the local Humane Society of Maryville, and helping with the re-building of homes where they are needed.



MISSOURI ACADEMY GRADUATE MATRICULATIONS

Class of 2003	Arizona State University Boston University Butler University Clemson University Cornell University Hillsdale College Indiana University of Pennsylvania	Northwest Missouri State University St. Louis University Southeast Missouri State University Missouri State University Truman State University University of Iowa (Medicine) University of Missouri-Columbia	University of Missouri-Kansas City University of Missouri-KC (Medicine) University of Missouri-KC (Pharmacy) Missouri University of Science and Technology Valparaiso University Washington University (St. Louis)
Class of 2004	Arizona State University Boston University Colorado School of Mines Cardinal Glennon Seminary College of William & Mary Drury University Duke University Eugene Lang College Evangel University	Florida Institute of Technology Gilford College Kansas State University Massachusetts Institute of Technology New College of Florida Rochester Institute of Technology Rose-Hulman Institute of Technology Savannah College of Art and Design Truman State University	University of California, Berkeley University of Illinois - UC University of Kansas University of Missouri-Columbia University of Missouri-Kansas City Missouri University of Science and Technology University of North Carolina University of Oklahoma Washington University (St. Louis)
Class of 2005	Colorado School of Mines Georgia Institute of Technology Marshall University Northwest Missouri State University Rose-Hulman Institute of Technology	St. Louis University Truman State University University of California, Berkeley University of Tulsa University of Oklahoma	University of Chicago University of Alabama University of Missouri-Columbia University of Missouri-Kansas City Missouri University of Science and Technology University of Missouri-St. Louis
Class of 2006	Brigham Young University Evergreen State College Florida Institute of Technology Georgia Institute of Technology Iowa State University Knox College Lake Forest College	Missouri State University University of Missouri-Columbia Northwest Missouri State University Rose-Hulman Institute of Technology St. Louis School of Pharmacy St. Louis University Truman State University	University of Missouri-Kansas City University of Missouri-KC (Medicine) Missouri University of Science and Technology University of Wisconsin-Madison University of Kansas Westminster College
Class of 2007	Air Force Academy Carnegie Mellon University Drury University Florida Institute of Technology Georgia Institute of Technology Kansas State University Missouri Southern University	Missouri State University Northwest Missouri State University Oberlin College Pittsburgh State University St. Louis University Texas Christian University Tulane University	University of Missouri-Kansas City University of Missouri-Columbia Missouri University of Science and Technology U.S. Coast Guard Academy Westminster College
Class of 2008	Baylor University Brigham Young University Drury University Harvey Mudd College Kansas State University Massachusetts Institute of Technology Midwest Baptist Theological Seminary	Murray State University Missouri University of Science and Technology Northwest Missouri State University Ohio Wesleyan University St. Louis College of Pharmacy St. Louis University Truman State University	Tufts University University of Missouri-Kansas City University of Missouri-KC (Medicine) University of Missouri-Columbia University of Puget Sound
Class of 2009	Harvard University California Polytechnic University Chapman University Colorado School of Mines Colorado State University Cornell University Creighton University Florida Institute of Technology George Washington University Hendrix University Johns Hopkins University	Korea Advanced Institute of Scie & Tech Marquette University Missouri University of Scie. & Tech. Northwest Missouri State University Penn State University Purdue University Rensselaer Polytechnic Institute Rice University Saint Louis University Stanford University Syracuse University	Texas A&M University Truman State University Tulane University University of California-Berkeley University of Illinois-UC University of Kansas University of Missouri-Columbia University of Missouri-Kansas City University of Pennsylvania University of Pittsburgh US Air Force Academy

*Approximately 100% of Missouri Academy graduates go on to complete bachelor degree programs - 80% of them in science, technology, engineering and mathematics (STEM) and 20% in other fields (non-STEM).

INSTITUTIONAL ACCREDITATION AND PROGRAM MEMBERSHIP

The Missouri Academy is an integral part of Northwest Missouri State University. Northwest is a public four-year, moderately selective, Masters I institution (Carnegie Classification) with approximately 6,700 students. Although the university offers about 40 graduate programs and about 104 undergraduate degree programs, its primary focus is undergraduate education. The university is accredited by the Higher Learning

Commission of the North Central Association of Colleges and Schools. The Missouri Academy is also a member of the National Consortium for Specialized Secondary Schools of Mathematics, Science and Technology (NCSSMST), and a founding member of the American Association of Early-Entrance-to-College Programs (AAEECP).



Northwest Missouri State University
800 University Drive
Maryville, MO 64468-6001
877.398.4615
www.nwmissouri.edu/MASMC