

The Missouri Academy of Science, Mathematics and Computing

Dr. Russell F. Pinizzotto, Dean

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The Missouri Academy of Science, Mathematics and Computing is a residential program for Missouri high school students who are academically talented in mathematics, science and technology. Students enrolled in this two-year program live together on campus in their own residence hall and complete a rigorous program of college coursework. The goals of the Academy are to prepare outstanding Missouri students for continued success in top-tier college and university programs and to develop students with high levels of integrity and quality (a high IQ) who contribute to society in ethical and meaningful ways.

Academy students enroll for two years of regular Northwest college courses. At graduation, they will have earned both college credits and a high school diploma. The Academy supplements coursework with seminars, research, internship and public service opportunities, and offers intensive capstone courses during a four-week session in May. The Academy graduation ceremony is held at the conclusion of the May session.

Applicants must be Missouri residents currently enrolled in the tenth grade or equivalent, who will have completed geometry, Algebra I and Algebra II by the end of the sophomore year. The Academy accepts students with distinction in math and science who have achieved exceptional scores on the ACT or related standardized tests, and can demonstrate the maturity and capacity to benefit from the Academy experience.

All Academy students receive scholarships for tuition, fees and books. The student is responsible for room and board charges. However, the Academy places a high priority on drawing able students from diverse backgrounds and providing access regardless of socioeconomic status. Therefore, it provides room and board scholarships to students with financial need.

Additional information and application forms can be obtained from the Missouri Academy by calling (660) 562-1960, via email to MASMC@mail.nwmissouri.edu or on its website at www.nwmissouri.edu/MASMC.

Course Descriptions

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101 Freshman Seminar (1 credit hour)

Freshman Seminar is designed to introduce students to Northwest Missouri State University. Topics of exploration will include: adjustment to University life, skills necessary to make the most of the University experience, General Education requirements, academic programs and advisement, career exploration, campus and community resources, taking advantage of cultural and extra-curricular events, and assuming responsibility for one's own University experience.

102 Seminar on You and Your Community (1 credit hour)

This seminar will explore academic skills that help the student to be academically successful. The students will also discuss living in, and contributing to, the community in which they live.

103 Colloquium (1 credit hour)

Selected topics suitable for second year Academy students. May be repeated for a maximum of 2 credit hours. Prerequisite: MOAC 81-102.