Engaging opportunities and resources for science, technology, engineering and mathematics (STEM) related majors

www.bgsu.edu/aims.html
Mission Statement: The purpose of the Academic Investment in Math and Science (AIMS) Program is to increase the number of women and underrepresented minorities who graduate from BGSU with majors in Science, Technology, Engineering & Math (STEM), and who proceed to get terminal degrees in their fields then ultimately perform cutting-edge research and/or teaching.

BGSU AIMS Program

Objectives
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> To develop a pipeline of high school students who matriculate at BGSU and pursue careers in STEM fields
> To increase the number of well prepared underrepresented minority and women graduates who major in mathematics, sciences and technology
> To increase the number of underrepresented minority and women graduates who obtain terminal degrees in these fields

Benefits
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> Four-year renewable scholarships
> Exploration of career paths and self assessment of interests
> Free tuition, room and meals for the summer residential program
> Early exposure to the college experience and courses
> Broad science exposure via mini- courses and lab experiences

> Opportunities to meet professionals in research, industry and education
> Interaction with faculty mentors who are established and accomplished in their respective fields
> Undergraduate research opportunities
> Additional (non-AIMS) funds may be available for qualified students
> STEM fields offer competitive salaries and rewarding careers

The Summer Bridge Program: Transition to college
Students begin membership in AIMS during the summer following the senior year of high school with a mandatory four-week Summer Bridge Program. This unique residential program introduces the student to the Bowling Green State University campus and to fellow AIMS Scholars, and assists students with the transition from high school life to college life. Students live in a University residence hall, usually with a roommate, use a University meal plan, and enroll in college level classes. Additionally, students participate in all AIMS functions and co-curricular activities, becoming familiar with the support systems available on campus and adjusting to life away from home.

The First Year:
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> Complete and earn a grade of a “B” or better in both AIMS seminars
> Create an individualized graduation plan
> Complete two supervised study hours per week
> Work in mentoring groups
> Meet with AIMS advisor two times per semester or more as needed
> Participate in AIMS weekly meetings

The Second Year and Third Year:
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> Serve as a mentor
> Continue to modify and implement your graduation plan
> Meet with AIMS advisor two times per semester or more as needed
> Participate in AIMS weekly meetings
> Work on capstone project

The Fourth Year:
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> Complete the implementation of your graduation plan
> Complete a capstone project
> Present results of your capstone project at the Spring Undergraduate Research Symposium
> Meet with AIMS advisor two times per semester or more as needed
> Participate in AIMS weekly meetings

Admissions Requirements:
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> 21 ACT score and 3.0 high school GPA required
> Be accepted as a Bowling Green State University student prior to the AIMS application deadline
> Completed AIMS application materials by the deadline
> Selected candidates must complete a telephone interview
> Successfully complete the AIMS Summer Bridge Program

Apply
Applications for the AIMS Program are available online at www.bgsu.edu/aims.html

“AIMS has taught me more than to just never give up, it has taught me to persevere, grow and thrive.”
Sabrina Lewis – Physics Major