Upward Bound Math Science

Upward Bound Math-Science (UBMS) is federally funded and hosted by WSU. With the support of the university and the cooperation of schools throughout Kansas, the program serves 70 high school students that have limited family incomes but who have the potential to be the first in their families to complete a four-year degree.

The mission of the UBMS Center is to:
Educate students with an interest and propensity for science, technology, engineering and math (STEM). Stimulate interest in STEM studies and careers. Motivate students to consider obtaining a degree in a STEM field.

Students are encouraged to participate in an academic year component as well as a summer residential component. During the academic year, students attend workshops and participate in the leadership academy.

The academy prepares UBMS students for community leadership through seminars aimed at sharpening their skills through community service, guest speakers, action planning, presentations and academic and postsecondary planning. Students also attend weekly tutoring sessions.

The goal of the six-week summer program is for students to bolster interest in science, technology, engineering and mathematics. Participants attend courses developed to foster critical thinking, research and experimentation, and the art of presentation.

2012-2013 PROGRAM HIGHLIGHTS

● Served 74 students
● Retained 91 percent of participants from previous year
● 100 percent of seniors (10 of 10) graduated with their intended cohort
● Eight high school students, or 80 percent from the 2013 graduation cohort began postsecondary study following high school graduation
● 40 percent of graduating seniors met or exceeded the ACT benchmark for reading or mathematics
● 80 percent of all graduating seniors were proficient in reading
● 70 percent of all graduating seniors were proficient in math
● 80 percent of all graduating seniors completed high school having earned some college credit.
● The graduating class earned 78 hours of college credit while in high school as a result of their participation in UBMS
  ▲ Seven students earned eight or more hours of college credit
  ▲ Four students earned between 11 and 14 college credit hours
● The college persistence rate for the 2012 graduating cohort is 80 percent

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