

# Sciences & Mathematics



## College of Sciences and Mathematics

- Fall 2008 brought 776 new freshmen to the College of Sciences and Mathematics, bringing the total enrollment to an all-time high of 2,848.
- Incoming COSAM freshmen came to AU with an average 3.82 grade point average, the highest in the university.
- COSAM graduate school enrollment saw an increase of 26% from the fall of 2005 to the fall of 2008.
- Nearly 45% of COSAM's May 2009 graduating class graduated with honors.
- The college's students are accepted to professional schools at a rate significantly above the national acceptance rates.
- The expertise of the college's faculty members has been sought by *National Geographic* magazine, the National Geographic Channel, *The New York Times*, the journal *Science*, and other distinctive national media.
- The college invites thousands of Alabama's elementary and middle school students to campus each year through a number of programs such as Youth Experiences in Science (Y.E.S.), Science Olympiad and AU Explore. All programs are designed to excite and inspire interest in science and mathematics by introducing young students to science-based activities they have never seen before.
- The AU Student Space Program is a student-led organization where students work on three main projects: a balloon program called AU Research at Extreme Altitudes, an earth-orbiting satellite program known as Aubie-Sat, and the Magnetic Field Investigations of Mars by Interacting Consortia project (MIMIC). As a part of MIMIC, students work with other space grant students from across the nation to send the first student-built satellite to Mars.
- NASA space shuttle pilot and former physics major Henry "Hank" Hartsfield Jr. '54, was inducted into the U.S. Astronaut Hall of Fame at the Kennedy Space Center in Florida.

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## College of Sciences and Mathematics Degree Offerings

Stewart W. Schneller, Dean

Bachelor's degree offerings: 16

Graduate degree offerings: 18

Fall 2008 Enrollment: 2,848

- ◆ Biomedical Sciences
- ◆ Botany
- ◆ Chemistry
  - Biochemistry
  - Chemistry
- ◆ Geography
- ◆ Geology
- ◆ Laboratory Technology
- ◆ Mathematics
  - Actuarial Sciences
  - Applied Mathematics
  - Applied Discrete Mathematics
  - Mathematics
- ◆ Medical Technology
- ◆ Microbiology
- ◆ Cell and Molecular Biology
- ◆ Physics
- ◆ Zoological Sciences
- ◆ Marine Biology
- ◆ Pre-Professional Curricula
  - Dentistry
  - Medicine
  - Optometry
  - Pharmacy
  - Physical Therapy
  - Veterinary Medicine