THE UNIVERSITY OF ALABAMA IN HUNTSVILLE

DEPARTMENT OF MATHEMATICAL SCIENCES

Mathematics plays an important role in most areas of our world, from forensic pathology to weather prediction, from disease control and prevention to rockets that launch people into space and from assessing risk to managing supply chains. We offer a B.S. in Mathematics, a double major in math and another program in the College of Science, a concentration in Math Education, and coming soon! a concentration in Actuarial Science.

WHAT DO MATHEMATICS GRADS DO?

Because mathematics is such a versatile major, mathematics leads to interesting and rewarding career choices. Students who major in mathematics find themselves working in diverse areas, such as biology, computer science, education, finance, engineering, meteorology, gaming development or logistics.

There is a growing need in government and industry for statisticians and mathematicians. A wide range of industries has also realized that the analytical training and logical mind of mathematicians are beneficial in most areas of employment. Mathematicians often work with other scientists as part of a team, solving a variety of problems.

Nationally the job outlook for mathematicians is excellent. In Huntsville, which has many high-tech industries, local opportunities for mathematicians are broader and more varied than those found in other job markers across the country.

Our faculty is recognized nationally and internationally for their research and scholarship. Many have also been called upon to do consulting work for such research organizations as NASA and the Army Missile Command.

THE UAH ADVANTAGE

▸ Plenty of support programs (labs, tutoring, recitation, PASS) to help our students

▸ Opportunities for undergraduate students to get involved in research (RCEU and Honors Thesis)

▸ Collaborative Learning – Students and faculty working together to explore options and create solutions in pursuit of knowledge

SOME OF OUR AREAS OF EXPERTISE

▸ Applied Dynamical Systems
▸ Combinatorics
▸ Continuum & Fluid Mechanics
▸ Fourier Analysis
▸ Functional Analysis
▸ Generalized Functions
▸ Graph Theory
▸ Linear Algebra
▸ Mathematical Biology
▸ Mathematical Modeling
▸ Matrix Theory
▸ Nonlinear Operator Theory
▸ Numerical Analysis
▸ Ordinary & Partial Differential Equations
▸ P-adic Analysis
▸ Probability
▸ Stochastic Processes

*We are **BIG** on collaborative learning!*

*Tutors are **ALWAYS** available and **FREE**!*

CONTACT US

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