BACHELOR OF ARTS IN
MATHEMATICS

CAMERON UNIVERSITY

DEPARTMENTAL DESCRIPTION

The Department of Mathematical Sciences offers a Bachelor of Arts degrees in mathematics.

Mathematics and statistics are fundamental to a wide variety of fields and careers. At Cameron University, we offer courses that give you the opportunity to acquire the skills, knowledge, and outlook needed to meet the challenges of a rapidly-changing technological world. Our class sizes are small with abundant opportunities to interact with your peers and professors.

MINORS

The minor in mathematics consists of 18 hours including Calculus and Analytic Geometry I and II. A minimum of 8 additional hours must be taken from an approved list of courses.

UNDERGRADUATE RESEARCH

Who wrote the first code? Who *broke* the first code? Where did the idea of making a drone come from? Is it physics that laid the foundation for the first flight of a drone? Questions such as these can be endless. The rebels who question a theory, equation, or concept need a place they can work and complete their research.

The Mathematical Sciences Department at Cameron University has research opportunities. You will be given the freedom to develop your own theory. You will be paired with our rockstars of Mathematical Sciences who will guide and assist you as you explore and find your answers. You will be able to present your research. Once you are comfortable, you will have the opportunity to travel to state, regional, and national levels to tell others about your results.

It all starts with making the choice to study in the Department of Mathematical Sciences at Cameron University.

SCHOLARSHIPS

The department has a limited number of scholarships including tuition waiver scholarships.

MAJOR DESCRIPTION

The mathematics major consists of 42 hours beginning with Calculus and Analytic Geometry I. Required courses include:

- Calculus and Analytic Geometry, I, II and III
- Foundations of Mathematics
- Introductory Linear Algebra
- Abstract Algebra
- Differential Equations
- Introduction to Real Analysis
- Mathematics Capstone I
- Mathematics Capstone II

Six additional hours from an approved list of courses in mathematics and statistics are required as well as 3 hours of technology classes.

CAREER OPPORTUNITIES

Graduates with majors or minors in mathematics or statistics have a wide variety of career opportunities available to them depending on their interests. For those graduates who are interested in business, students with majors in mathematics are hired by computer companies, insurance and financial companies as well as banks and consulting firms. Many of the departments in the federal government hire students with degrees in mathematics including the Department of Energy, the Department of Defense, and the National Security Agency.

A useful source of career profiles for nonacademic mathematics careers may be found at www.ams.org/careers/ or https://archive.siam.org/careers/thinking.php. Graduates who pursue masters or doctoral degrees also teach at colleges or universities.

FOR MORE INFORMATION CONTACT:

Office of Admissions
580-581-2289
admissions@cameron.edu

CAMERON UNIVERSITY

WWW.CAMERON.EDU