Mathematical Sciences

Degree Type: Bachelor of Science (B.S.)
Program Length: 4 years (120 credit hours)

What Can You Do With a Degree in Mathematical Sciences?

In McNeese's mathematical sciences degree program, students develop the analytical, problem-solving, communication and interpersonal skills that are highly sought after in nearly every profession. Mathematical sciences majors can enter a wide range of industries after graduation or continue their education through graduate study.

- Actuary
- Budget Analyst
- Data Analyst
- Economist
- Computer Systems Analyst
- Market Research Analyst
- Operations Research Analyst
- High School Math Teacher
- Investment Analyst
- Statistician

MCNEESE STATE UNIVERSITY

WHY McNEESE?
Here are just a few reasons to make McNeese your first choice ...

Financial Aid and Scholarships:
The Department of Mathematical Sciences has a number of scholarships available for continuing mathematical sciences majors, including the John J. Munro III Memorial Scholarship, the Lalitha and Sweth Scholarship for Mathematics Majors and the Timothy Allen and Cheryl Veron Derouen Endowed Scholarship.

Student Employment Opportunities:
Student employment opportunities are available to mathematical sciences majors as tutors in the Academic Computing and Learning Center. Tutoring provides students with an opportunity to hone communication and interpersonal skills and establish connections with other math and science majors, while also helping students build their professional skills and resumes.

Professional Networking Opportunities:
Mathematical sciences majors at McNeese can also join Pi Mu Epsilon (PME), the national mathematics honor society. Each summer, PME hosts Mathfest, a joint conference that is the largest annual summertime gathering of mathematicians. Here, both undergraduate and graduate students have the opportunity to present research, as well as attend presentations by nationally recognized mathematicians.

Mathematical Sciences Degree Concentrations

Computational Sciences
Learn how to use computer science, mathematics skills and advanced computational techniques to solve complex problems.

Mathematical Physics
Explore concepts such as multivariable calculus, quantum physics, thermodynamics, electricity and magnetism. This degree plan is a good choice for students who are interested in mathematics from a theoretical standpoint.

Mathematics
Discover how to reason abstractly and model complex concepts using simple rules through the study of linear algebra and matrix theory, numerical methods, advanced calculus, differential equations and more.

Mathematics Education Grades 6-12
Acquire the knowledge and skills to successfully teach mathematics to middle and high school students. With a two-semester residency that gives you experience teaching in local classrooms, you'll graduate ready to start your career with initial teacher certification.

Physics Education Grades 6-12
Learn how to successfully introduce middle and high school students to the foundations of physics. This concentration features a two-semester residency program that gives you experience teaching in local classrooms, as well as initial teacher certification.

Statistics
Focus your path of study on data and probability. In this program, you will use a variety of statistical and computational methods as you learn how to collect, classify, analyze and interpret complex data.

Apply Now!