



RESEARCH STATISTICS (M.S.)

School of Mathematics, Science, and Engineering

GRADUATE ADMISSION (210) 829-6005

Overview

The Master of Science in Research Statistics degree will provide students a comprehensive study of probability and statistics with specific emphasis in research methodology, reporting, and consulting. Students completing the degree will be prepared for professional careers as research statisticians in a variety of settings including, but not limited to government, academia and industry.

Curriculum

The curriculum is designed for those students with backgrounds in mathematics, science, education and business administration. The pre-requisite knowledge consists of the following courses which should be completed prior to the start of the proposed program. Consideration may be given to allow students with deficiencies the opportunity to complete the pre-requisite courses while enrolled in the Master of Science program.

- a. Calculus I
- b. Calculus II
- c. Calculus III
- d. Linear Algebra
- e. Numerical Analysis
- f. Introduction to Probability and Statistics

Requirements for the Master of Science in Research Statistics

Complete a minimum of 36 hours of approved graduate coursework toward the Master of Science as determined by the Department of Mathematical Sciences. There is no thesis or comprehensive examination required for degree completion.

Core Courses (18 semester hours)
MATH 6361: Advanced Probability & Statistics I
MATH 6362: Advanced Quantitative Methods
MATH 6363: Research Statistics I
MATH 6364: Advanced Quantitative Research
MATH 6367: Statistical Software Packages (*)
MATH 6369: Design of Experiments (*)

Electives (18 semester hours as approved by the graduate advisor)
Courses from outside of the mathematics area may be accepted.

Contact

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