



MS in Applied Statistics

Courses Additional 50+ Courses Available

STAT 8090 - Applied Multivariate Statistics

STAT 8630 - Experimental Designs

STAT 8670 - Computational Methods in Statistics

STAT 8678 - SAS Programming and Data Analysis

STAT 8310 - Bayesian Data Analysis

STAT 8440 - Survival Analysis

STAT 8540 - Advanced Methodologies in Biostatistics

STAT 8610 - Time Series Analysis

STAT 8672 - Statistical Learning for Big Data

STAT 8680 - Applied Nonparametric Methods

STAT 8700 - Categorical Data Analysis

STAT 8760 - Sample Surveys

CAREER PATHS OF GRADUATES

The contemporary employment trends suggest increased demand for workers who are highly skilled in using statistics and data analysis in a widening range of applications. Statistics careers are lauded for abundant job opportunities with high income levels and impressive job satisfaction rates. The Bureau of Labor Statistics projects a 35% growth in job opportunities for statisticians by the year 2029. US News and World Report, the magazine known for its research into and analysis of the best jobs in the country, ranks statistician as its #6 overall job, #2 best business job, and #5 best STEM job. Our applied statistics graduates are expected to find jobs as statisticians, biostatisticians, data scientists, and data analysts in healthcare, finance, industry, government, academia, and other fields.

At the GSU Department of Mathematics and Statistics, most M.S. students get GLA positions (with tuition waiver) in the emporium tutoring lab, which serves a high enrollment undergraduate level elementary statistics course, thus getting both assistantship and extra professional training.

Tailoring its curriculum to the practical application of statistics, the program addresses the demand for professionals capable of informed, data-driven decision-making, ready to meet the current and future needs of growing economy.

Application

Requirements:

- A baccalaureate degree in mathematics, statistics or its equivalent
- Courses in mathematics equivalent to:

MATH 4435/MATH 6435
Linear Algebra II

MATH 4751/MATH 6751
Mathematics
Statistics I

MATH 4752/MATH 6752
Mathematics
Statistics II

- Statement of Purpose
- Three Letters of Recommendation
- Transcripts (one from each institution attended)
- Official TOEFL/IELTS Scores (international applicants only)

Application Deadlines: Fall: June 15th
Spring: Nov 1st
Summer: May 1



Learn More:

<https://cas.gsu.edu/program/applied-statistics-ms/>

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