Master of Arts in Statistics

The **Master of Arts in Statistics** prepares students to be part of the information-rich, data-driven workforce that requires both general and specialized skills in statistical analysis.

In this 36-unit program, students will learn essential elements of statistical studies with courses in probability, statistical computation and model building, experimental design, survival analysis, Bayesian statistics, and stochastic processes. These courses, along with a required thesis practicum, provide a foundation for further doctoral-level study in mathematics and statistics, or in other academic disciplines such as anthropology, biology, economics, political science, and psychology. In addition to establishing a solid theoretical foundation, students also gain applied value with tools, strategies, and technical skills in areas such as predictive analytics and big data. They will be prepared to help organizations analyze large volumes of data, make reliable and productive business decisions, and use technology efficiently.

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