M.S. in Applied Mathematics

Learning Outcomes

Students will be able to be:

- Trained in the fundamentals of probability and statistics necessary for them to develop and implement models as needed to satisfy the requests of their employers.

- Trained and retrained in new and current technology involving SAS, R and SQL.

- More proficient and comfortable in utilizing topics covered in their computational computing classes as Monte Carlo Simulation Techniques and Stochastic processes.

- Comfortable in communicating statistical ideas clearly in both oral and written form using appropriate statistical terminology.

- Present project presentations and results to all levels of his audience including those less proficient in the subject matter.

- Generate reports that show statistical expertise in writing and model implementation.