## CSCI-634: Advanced Modeling and Simulation

This course will provide students with the ability to model, simulate and analyze complex systems in a reasonable time. This course is divided into three parts and covers advanced techniques in simulation model design, model execution and model analysis. A selection of model design techniques such as conceptual models, declarative models, functional models, constraint models, and multi-models will be introduced.

Credits: 3

**Program:** Computer Science

1 2023-2024