Risk & Decisions Analysis

Public Affairs 5194

Learn how to make critical decisions in complex and uncertain environments

Get an edge on the job market by gaining exposure to cutting edge modelling tools and simulation software

Spring term 2016
Mondays and Wednesdays
4:10-5:30PM
Page Hall 240

Today, more than ever, managers are required to make important decisions in turbulent and uncertain environments. Intended for advanced undergraduates and graduate students, Risk & Decision Analysis will provide a comprehensive assessment of theories and tools for decision-making in the face of risk and uncertainty. It will provide a rigorous treatment of current issues and approaches in risk analysis through both qualitative and quantitative lenses.

- Understand how to formulate objectives and outcomes in analyzing risk
- Be able to model risk using Monte Carlo approaches and other techniques and interpret modeling results, and perform sensitivity analysis
- Gain an exposure to cutting-edge software for analyzing risk such as @Risk
- Be able to effectively chart decisions using decision tools
- Be able to comprehend and critically evaluate arguments made about risk and uncertainty