



Student Learning Outcomes

College: Business

Department: Finance

Degree Program: Masters of Science in Mathematical Finance

- 1) Students will demonstrate proficiency in advanced pricing techniques and theories for derivative securities.
- 2) Students will be able to discuss and apply appropriate statistical and econometric techniques typically used in empirical finance practice.
- 3) Students will demonstrate competence with stochastic calculus as applied to financial problems.
- 4) Students will demonstrate familiarity with techniques used to solve the partial differential equations typically encountered in the pricing of derivative securities.