Master of Science in Finance - Quantitative (MSFQ)

Curriculum

Required Courses

Students must complete the following courses:

- FIN 500Q Quantitative Risk Management (3 credits)
- FIN 500R Topics in Quantitative Finance (1.5 credits)
- FIN 524 Options & Futures (1.5 credits)
- FIN 524B Derivative Securities (1.5 credits)
- FIN 525 Fixed Income Securities (1.5 credits)
- FIN 527 Financial Markets (1.5 credits)
- FIN 532 Investment Theory (1.5 credits)
- FIN 532B Data Analysis for Investments (1.5 credits)
- FIN 534 Advanced Corporate Finance I - Valuation (1.5 credits)
- FIN 534B Advanced Corporate Finance II - Financing (1.5 credits)
- FIN 537 Advanced Derivative Securities (3 credits)
- FIN 538 Stochastic Foundations for Finance (1.5 credits)
- FIN 539 Mathematical Finance (1.5 credits)
- FIN 552 Fixed Income Derivatives (1.5 credits)
- MGT 537 Financial Industry Platform (0 credits)
- MGT 560F Professional Business Communication (1.5 credits)
- DAT 537 Data Analysis, Forecasting and Risk Analysis (3 credits)
- DAT 561 Introduction to Python and Data Science (3 credits)

Electives and Experiential Courses

Students select one of the following options:

Option A:

- 1.5 experiential course credits plus
- 4.5 elective credits from the approved list plus
- 1.5 additional approved elective credits

Option B:

- 3 experiential course credits plus
- 4.5 elective credits from the approved list