

# FINANCE

36 credits (18 months) | STEM | Full or part time | On campus

For professionals aspiring to leadership in the finance industry — or who wish to play CFO roles in other disciplines — a major challenge is the ability to incorporate the latest technologies into strategic action plans that allow companies to make more informed decisions in real time. The Finance master's program at Stevens infuses a traditional finance curriculum with the disruptive technologies that are creating new and changing opportunities in this industry.

## CURRICULUM OVERVIEW

The program includes three prerequisite courses establishing a basic foundation in finance, including accounting and statistical modeling. Students may waive the courses based on work or academic experience, or by passing the Level 1 CFA exam.

### ECONOMICS

- Economics for Managers
- Financial Econometrics
- Econometrics

### FINANCE

- Fixed Income
- Investment Management
- Corporate Finance
- Financial Statement Analysis

### COMPUTATIONAL AND QUANTITATIVE METHODS

- Introduction to Bloomberg and Thomson Reuters
- Introduction to R
- Introduction to SAS

## SPECIALIZATION

The Finance curriculum includes four electives that allow students to explore an area of their choosing in greater depth. Those seeking more structure can elect to pursue one of the four-course concentrations below.

### CERTIFIED FINANCIAL PLANNER

- Financial Planning and Risk Management
- Retirement and Estate Planning
- Federal Taxation of Individuals
- Financial Plan Development

### INVESTMENT BANKING AND VALUATION

- Derivatives
- Venture Capital
- Investment Banking
- Financial Risk Management

### FINANCIAL ANALYTICS AND RISK

- Derivatives
- Financial Risk Management
- Risk Management for Financial Cybersecurity
- Statistical Analytics

## HANLON FINANCIAL SYSTEMS CENTER

Classes in the Finance program make generous use of the high-tech Hanlon Financial Systems Center and its two labs, which offer the latest in data analysis and visualization tools. The Hanlon Center allows for the analysis of real-time and historical data sets from Bloomberg and others, with the computing and processing power required to work with vast amounts of information. This prepares students to ask better questions and make better decisions, confidently and quickly.

## PROGRAM RECOGNITION

The Finance degree has been accepted into the CFA Institute's University Affiliation Program and GARP's Academic Partnership Program. These certifications recognize the value this program creates for professionals in this industry.



Dr. Emmanuel Hatzakis  
Program Director  
graduate@stevens.edu  
+1.201.216.5557  
stevens.edu/mfin