Naveen Jindal School of Management

Master of Science in Finance

36 semester credit hours minimum

Degree Requirements

At least 36 semester credit hours of management coursework beyond prerequisite courses is required, including 18 semester credit hours of basic business core courses and 18 semester credit hours of graduate finance courses. The MS in Finance is designed for students with or without previous educational background in finance. Many students will select the Financial Management option, which allows them to design a program to their needs.

For students wanting a more focused program, seven concentrations are available: Investment Management, Financial Analyst, Financial Risk Management, Energy Risk Management, Management of Financial Institutions, Real Estate, or Financial Information Management. The Investment Management concentration is designed for students interested in pursuing an investment career and completing the Chartered Financial Analyst (CFA) examinations. The Financial Analyst concentration is designed for students interested in corporate finance, investment banking, venture capital, private equity, or corporate restructuring and turnarounds. The Financial Risk Management concentration is designed for students with the quantitative ability to pursue a career applying quantitative methods to risk management problems and prepares students for the Financial Risk Manager (FRM) examinations. The Energy Risk Management concentration is designed for students with the quantitative ability to pursue a career applying quantitative methods to energy risk management problems and prepares students for the Energy Risk Manager (ERM) examinations. The Management of Financial Institutions concentration prepares students for careers in banking or other financial institutions. The Real Estate concentration prepares students for various types of careers in the real estate industry. The Financial Information Management concentration prepares students to apply information technology to financial analysis, investment management and trading. Because these concentrations have been designed to prepare students for certain certifications, students are recommended to focus only on the coursework within a particular concentration in order to prepare for its associated certification.

Students must maintain a 3.0 grade point average in both core courses and in aggregate courses to qualify for the MS degree.

Prerequisites

Calculus and basic statistics are required as prerequisites. Candidates that have not taken equivalent courses will need to take OPRE 6303 to meet the calculus requirement and OPRE 6301 to complete the basic statistics requirement.

Course Requirements

Basic Core Courses: 18 semester credit hours
All students enrolling in the Master of Science in Finance program must complete the
following Basic Business Core courses, or their equivalents. Please see the catalog for further prerequisite information.

**ACCT 6305** Accounting for Managers  
or **ACCT 6201** Introduction to Financial Accounting and **ACCT 6202** Introduction to Managerial Accounting  
**MECO 6303** Business Economics  
**FIN 6301** Financial Management  
**FIN 6306** Quantitative Methods in Finance  
**FIN 6310** Investment Management  
**FIN 6350** Advanced Financial Management

Financial Management Option: 18 semester credit hours  
Students must complete six courses; of which at least three must come from category B. Students may do an internship, **FIN 6V98**, as part of this option.  
**Category A:** **ACCT 6330**, **ACCT 6332**, **ACCT 6344**, **MECO 6312**, **MECO 6315**, **ECON 6305**, **ECON 6306**, **OPRE 6335**, **OPRE 7310**, **MIS 6320**, **MIS 6324**, **MIS 6344**. Note: Either **MECO 6312** or **ECON 6306** can be counted as they are substitutes.  

Concentrations: 18 semester credit hours

**Investment Management (CFA) Concentration - recommended coursework:**  
**ACCT 6344** Financial Statement Analysis  
**FIN 6308** Regulation of Business and Financial Markets  
**FIN 6311** Valuation Models and Practices  
**FIN 6314** Fixed Income Securities  
**FIN 6325** Macroeconomics and Financial Markets  
**FIN 6330** Behavioral Finance  
**FIN 6360** Options and Futures Markets  
**FIN 6364** Advanced Investment Management  
**FIN 6370** The Theory of Finance and Its Applications  
**FIN 6380** Global Fund Management

**Financial Analyst Concentration - recommended coursework:**  
**ACCT 6330** Intermediate Financial Accounting I
ACCT 6332  Intermediate Financial Accounting II
FIN 6308  Regulation of Business and Financial Markets
FIN 6311  Valuation Models and Practices
FIN 6316  Private Equity Finance
FIN 6352  Financial Modeling
FIN 6355  Corporate Finance and Policy
FIN 6356  Mergers and Acquisitions
FIN 6357  Corporate Restructuring and Turnarounds
FIN 6366  International Financial Management
MECO 6352  Financial Negotiation and Dispute Resolution

Financial Risk Management Concentration - recommended coursework:

FIN 6314  Fixed Income Securities
FIN 6360  Options and Futures Markets
OPRE 7310  Probability and Stochastic Processes
MECO 6312  Applied Econometrics and Times Series Analysis
  or  ECON 6306  Applied Econometrics
FIN 6370  The Theory of Finance and Its Applications
FIN 6381  Introductory Mathematical Finance
OPRE 6335  Risk and Decision Analysis
FIN 6382  Numerical Methods in Finance
FIN 6383  Financial Risk Management

Energy Risk Management Concentration - recommended coursework:

OPRE 6335  Risk and Decision Analysis
MECO 6318  Energy Economics
FIN 6335  Energy Finance
FIN 6341  Energy Risk Management
FIN 6360  Options and Futures Markets
FIN 6382  Numerical Methods in Finance
MECO 6312  Applied Econometrics and Times Series Analysis
  or  ECON 6306  Applied Econometrics

Management of Financial Institutions Concentration - recommended coursework:

FIN 6308 Regulation of Business and Financial Markets  
FIN 6311 Valuation Models and Practices  
FIN 6314 Fixed Income Securities  
FIN 6325 Macroeconomics and Financial Markets  
FIN 6340 Management of Financial Institutions  
FIN 6360 Options and Futures Markets  
FIN 6370 The Theory of Finance and Its Applications  
FIN 6383 Financial Risk Management  

Real Estate Finance Concentration - recommended coursework:  
FIN 6314 Fixed Income Securities  
FIN 6321 Introduction to Real Estate  
FIN 6322 Real Estate Finance and Investment  
FIN 6323 Real Estate Market Analysis and Investment  
FIN 6328 Real Estate Valuation  
FIN 6325 Macroeconomics and Financial Markets  

Financial information Management Concentration - recommended coursework:  
MECO 6312 Applied Econometrics and Times Series Analysis  
   or ECON 6306 Applied Econometrics  
FIN 6360 Options and Futures Markets  
FIN 6364 Advanced Investment Management  
FIN 6368 Financial Information and Trading  
MIS 6324 Business Intelligence Software and Techniques  
MIS 6326 Data Management  
MIS 6344 Web Analytics  

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