Naveen Jindal School of Management

Master of Science in Finance

36 semester credit hours minimum

Faculty

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Professor Emeritus: Dale Osborne

Clinical Professors: John Barden, David Cordell, John Gamino, Randall S. Guttery, Peter Lewin, Jeffrey Manzi, Divakar Rajamani

Associate Professors: Nina Baranchuk, Zhonglan Dai, Rebecca Files, Kyle Hyndman, Surya N. Janakiram, Robert L. Kieschnick Jr., Jun Li, Ningzhong Li, Ramachandran (Ram) Natarajan, Naim Bugra Ozel, Gil Sadka, David J. Springate, Kelsey D. Wei, Han (Victor) Xia, Yexiao Xu, Alejandro Zentner, Jiyie Zhang, Yuan Zhang, Feng Zhao, Yibin Zhou

Clinical Associate Professor: Carolyn Reichert

Assistant Professors: Jun Li, Meng Li, Alejandro Rivera Mesias, Alessio Saretto, Simon Siegenthaler, Xiaoxiao Tang, Christian Von-Drathen, Steven Xiao

Clinical Assistant Professors: Moran Blueshtein, Ayfer Gurun, Revansiddha Khanapure, Liping Ma, Drew Peabody

Senior Lecturers: Frank Anderson, Tiffany A. Bortz, Richard Bowen, George DeCourcy, Amal El-Ashmawi, Mary Beth Goodrich, Jennifer G. Johnson, Chris Linsteadt, Joseph Mauriello, Robert (Stephen) Molina, Matt Polze, Debra Richardson, Steven Solcher, Kathy Zolton

Degree Requirements

The Master of Science in Finance (MS FIN) is a minimum 36 semester credit hours STEM (Science, Technology, Engineering and Mathematics) degree program that provides students with the practical and theoretical knowledge needed by finance professionals. Students gain the quantitative and managerial skills to analyze financial information, make financial decisions and valuations, select and analyze portfolios and manage risk.
The core courses provide the foundation for evaluating financial issues. The finance electives allow students to apply those tools to the complex business issues experienced by business organizations. The Jindal School offers two options for students.

To apply for this degree program, an undergraduate degree is required (all majors are considered). Students must maintain a 3.0 grade-point average (GPA) in both core courses and in all graduate courses taken in the degree program, excluding program prerequisites to qualify for the MS degree.

**Prerequisites**

Students pursuing the Master of Science in Finance degree program are required to complete one semester credit hour of **MAS 6102** Professional Development. In addition, knowledge of calculus and statistics are required and students who have not completed undergraduate calculus and statistics courses may satisfy the prerequisites by completing **OPRE 6303** Quantitative Foundations of Business and **OPRE 6301** Statistics and Data Analysis. Degree credit is not earned for program prerequisites, however, the grade achieved in prerequisites will count toward the student's grade-point average (GPA). All program prerequisites must be satisfied within the first semester of graduate study as a degree-seeking student.

**Course Requirements**

Core Courses: 18 semester credit hours

Students must complete the following Core courses or their equivalents.

- **ACCT 6301** Financial Accounting
- or **ACCT 6305** Accounting for Managers
- **FIN 6301** Financial Management
- **FIN 6307** Mathematical Methods for Finance
- **FIN 6318** Analytics of Finance
- **FIN 6352** Financial Modeling for Valuation
- or **FIN 6353** Financial Modeling for Investment Analysis
- **FIN 6360** Derivatives Markets

Specialized Concentrations: 18 semester credit hours

Students may choose from one of the following five specialized concentrations. Also, students may seek to substitute one three-semester credit hour graduate-level course,
excluding FIN core courses and **FIN 6300** as a free elective in the degree plan with the approval of the program director and the area coordinator.

**FIN 6009** Finance Internship (required elective)\(^1\)

Concentrations: 18 semester credit hours

**Financial Analyst (CFA) Concentration (18 semester credit hours)**

Students must complete 18 semester credit hours from the courses below.

**ACCT 6344** Financial Statement Analysis

**FIN 6308** Regulation of Business and Financial Markets

**FIN 6310** Investment Theory and Practice

**FIN 6314** Fixed Income Securities

**FIN 6325** Macroeconomics and Financial Markets

**FIN 6330** Behavioral Finance

**FIN 6353** Financial Modeling for Investment Analysis (if not used in core)

**FIN 6364** Portfolio Analysis and Management

**FIN 6368** Financial Information and Analysis

**FIN 6370** Advanced Theory of Finance and Its Applications

**FIN 6380** Global Fund Management

**FIN 6392** Financial Technology and Blockchain

**FIN 6V98** Finance Internship

**Corporate Finance/Investment Banking Concentration (18 semester credit hours)**

Students must complete a combination of 18 semester credit hours with a maximum of six semester credit hours from the General Corporate Finance Electives.

**Corporate Finance Required Electives** (12 to 18 semester credit hours)

**FIN 6315** Entrepreneurial Finance

**FIN 6316** Private Equity Finance

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FIN 6350  Advanced Corporate Finance
FIN 6352  Financial Modeling for Valuation (if not used in core)
FIN 6355  Corporate Finance and Policy
FIN 6356  Mergers and Acquisitions
FIN 6357  Corporate Restructuring and Turnarounds
FIN 6356  International Financial Management
FIN 6370  Advanced Theory of Finance and Its Applications
FIN 6V98  Finance Internship

General Corporate Finance Electives (up to 6 semester credit hours)
ACCT 6330  Intermediate Financial Accounting I
ACCT 6332  Intermediate Financial Accounting II
MECO 6352  Financial Negotiation and Dispute Resolution

Real Estate Concentration (18 semester credit hours)
Students must complete a combination of 18 semester credit hours with a maximum of six semester credit hours from the General Real Estate Finance Electives.

Real Estate Finance Required Electives (12 to 15 semester credit hours)
FIN 6321  Introduction to Real Estate
FIN 6322  Real Estate Finance and Investment
FIN 6323  Real Estate Market Analysis and Investment
FIN 6326  Real Estate Law and Contract
FIN 6V98  Finance Internship

General Real Estate Finance Electives (up to semester credit hours)
FIN 6308  Regulation of Business and Financial Markets
FIN 6314  Fixed Income Securities
FIN 6315  Entrepreneurial Finance
FIN 6325  Macroeconomics and Financial Markets

Financial Technology Concentration (18 semester credit hours)

Students must complete a combination of 18 semester credit hours with a maximum of six semester credit hours from the General Financial Technology Electives.

**Financial Technology Required Electives** (12 to 18 semester credit hours)

- FIN 6310  Investment Theory and Practice
- FIN 6325  Macroeconomics and Financial Markets
- FIN 6368  Financial Information and Analysis
- FIN 6380  Global Fund Management
- FIN 6392  Financial Technology and Blockchain
- FIN 6V98  Finance Internship

**General Financial Technology Electives** (up to 6 semester credit hours)

- BUAN 6320  Database Foundations for Analytics
  or MIS 6320  Database Foundations
- MIS 6309  Business Data Warehousing
- MIS 6324  Business Analytics with SAS
  or MIS 6356  Business Analytics with R

Financial Management Concentration (18 semester credit hours)

Students must complete a combination of 18 semester credit hours with a maximum of six semester credit hours from the General Electives.

**Finance Elective Courses** (at least 12 semester credit hours)

- FIN 6308  Regulation of Business and Financial Markets
- FIN 6310  Investment Theory and Practice
- FIN 6314  Fixed Income Securities
- FIN 6315  Entrepreneurial Finance
FIN 6316 Private Equity Finance
FIN 6321 Introduction to Real Estate
FIN 6322 Real Estate Finance and Investment
FIN 6323 Real Estate Market Analysis and Investment
FIN 6325 Macroeconomics and Financial Markets
FIN 6326 Real Estate Law and Contracts
FIN 6330 Behavioral Finance
FIN 6335 Energy Finance
FIN 6350 Advanced Corporate Finance
FIN 6352 Financial Modeling for Valuation (if not used in core)
FIN 6353 Financial Modeling for Investment Analysis (if not used in core)
FIN 6355 Corporate Finance and Policy
FIN 6356 Mergers and Acquisitions
FIN 6357 Corporate Restructuring and Turnarounds
FIN 6362 Quantitative Financial Management
FIN 6364 Portfolio Analysis and Management
FIN 6366 International Financial Management
FIN 6368 Financial Information and Analysis
FIN 6370 Advanced Theory of Finance and Its Applications
FIN 6380 Global Fund Management
FIN 6381 Introductory Mathematical Finance
FIN 6382 Numerical and Statistical Methods in Finance
FIN 6392 Financial Technology and Blockchain
FIN 6V98 Finance Internship
FIN 6V99 Special Topics in Finance
**General Elective Courses** (up to 6 semester credit hours)

Students can take up to 6 semester credit hours from any master level courses in ACCT, BUAN, ENGY, FIN, MECO, MIS or OPRE except **FIN 6300**.

1. Students may use FIN 6009 only for their first internship and any additional internship must be completed as FIN 6V98 (3 semester credit hours maximum). Students may also substitute FIN 6009 with FIN 6V98 or (FIN 6316 for Corporate Finance/Investment Banking concentration) or (FIN 6323 for Real Estate concentration) or (FIN 6380 for Financial Analyst concentration, Financial Technology concentration, Financial Management concentration) or FIN 6380 for MS in Finance Cohort to fulfil internship requirement.

Updated: 2019-08-09 13:13:08 v51.c29160

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