MSF

The Master of Science in Finance program is a 10-month program consisting of a total of 10 courses.

CFA PROGRAM NATIONALLY RECOGNIZED

The John Maze Stewart Department of Finance and Quantitative Methods has been accepted into the CFA Institute University Recognition Program every year since 2012. The Master of Science program has been included in the CFA Institute University Recognition Program since 2017. This status is granted to institutions whose degree programs incorporate at least 70% of the CFA Program Candidate Body of Knowledge (CBOK).

Students are provided with a solid grounding in the CBOK*, and are prepared to sit for the CFA exam. Each year, the CFA Institute allots 13 scholarships to finance students. (MSF or undergraduate). Students with scholarships will be able to access CFA preparation materials for free and take CFA exams at a significantly lowered rate.

INTERESTED IN PART-TIME?

The majority of our MSF students finish the program in one year. However, some MSF students can finish the MSF program in more than a year. International students in the program must take at least nine credit hours per semester in order to maintain the full-time student status (may apply for reduced course load in the last semester).

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COURSES

Select TEN of the courses below:

- FIN 600: Corporate Financial Policy
- FIN 650: Investments
- FIN 630: Financial Modeling and Analysis
- ACC 621: Understanding Financial Statements
- FIN 652: Options, Futures, and Derivatives
- FIN 685: Investments Practicum I
- FIN 623: International Financial Management
- FIN 688: Financial Analytics Tools
- FIN 645: Corporate Investment and Financial Policy
- FIN 695: Real Estate Finance
- FIN 686: Investments Practicum II
- FIN 691: Current Issues in Finance
- FIN 795: Python Predictive Analytics

COURSE DESCRIPTIONS

ACC 621: Understanding Financial Statements

Financial statements communicate information about a business and its operations. Students will gain an understanding of the information being communicated (or not communicated) by the business entity. Emphasis is on the uses of information, rather than its preparation.

FIN 600: Corporate Financial Policy

A study of financial management from the viewpoint of the corporate financial officer. Areas studied include capital budgeting, capital structure, financing decisions, working capital management, dividend policy, and mergers and acquisitions.

FIN 623: International Financial Management

This course provides an overview of financial management at the international level. Topics covered include: The nature and uses of international financial markets, the financial behavior of multinational corporations, exchange rates, and hedging in international business.

FIN 630: Financial Modeling and Analysis

This course provides students with the skills necessary to apply modern financial theories to real world applications in both corporate finance and investments. Students will get hands-on experience implementing models from areas such as capital budgeting, financial planning, and asset valuation.

FIN 645: Corporate Investment and Financial Policy

Emphasizing both theory and practice, this course is an in-depth study of long-term corporate investment and financing decisions. Topics include valuation, capital budgeting, cost of capital, leasing, dividend policy, capital structure, and mergers and acquisitions.

FIN 650: Investments

Analysis and valuation of securities and the effects on investment decisions.

FIN 464: Real Estate Finance

The course surveys the sources and uses of real estate funds. The institutions which provide funds and the various types of financial instruments are described and compared. Likewise, various forms of real estate investment are analyzed and methods of determining value are critiqued.

FIN 685: Investments Practicum I

The course gives students a working knowledge of, and experience applying the basic principles of value-oriented equity investing. Students manage a real-money equity portfolio, making all buy/sell decisions.

FIN 686: Investments Practicum II

This is the second of a two course sequence that gives students a working knowledge of, and experience applying the basic principles of value-oriented equity investing. Students manage a real-money equity portfolio, making all buy/sell decisions.

FIN 688: Financial Analytics Tools

This course will expose students to tools such as Alteryx, Tableau, SAS JMP Pro, RapidMiner, and Python, so they may exploit these in conducting financial analytics. The course emphasizes salient features of these tools and provides students with opportunities to apply them to self- selected financial data to generate analytics of interest to the individual students and student teams.

FIN 795: Python Predictive Analytics

This course teaches Python and Analytics in general and Predictive Analytics in particular. Students learn to use machine learning tools to make business predictions. The course uses two real-world case studies: predicting health insurance charges and predicting mortgage loan application approvals.