**Master of Science in Finance**

**Degree Requirements**

At least 36 hours of management course work beyond prerequisite courses is required, including 12 hours of basic business core courses and 24 hours of graduate finance courses.  The M.S. is Finance is designed for students with or without previous educational background in finance.  Students who choose **not** to concentrate in a particular area of finance will follow the guidelines for the Financial Management option. However, students who wish to concentrate on a particular area of finance can choose one of three concentrations: *Investment Management, Financial Analyst, or Financial Engineering and Risk Managemen*t.  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 Engineering and Risk Management* concentration is designed for students with the quantitative ability to pursue a career applying quantitative methods to investment and risk management problems. Because these concentrations have been designed to prepare students for certain certifications, students are recommended to complete all the course work in a particular concentration in order to prepare for its associated certification.

**Prerequisites**

Calculus, basic statistics, and competence in personal computing are required as prerequisites. Candidates that have not taken equivalent courses will need to take MATH 5304 to meet the calculus requirement; OPRE 6301 to complete the basic statistics requirement, and BA 3351 to complete the personal computingrequirement.

**Basic Core Courses (12 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.

AIM 6305          Accounting for Managers or AIM 6201 and AIM 6202

MECO 6303      Business Economics

FIN 6301           Financial Management

FIN 6306           Quantitative Methods in Finance

**Concentrations:**

**Investment Management (CFA) Concentration (24 hours):**

AIM 6344 Financial Statement Analysis

FIN 6311 Valuation Models and Practices FIN 6310 Investment Management

FIN 6314 Fixed income securities and their derivatives

FIN 6320 Financial markets and institutions or FIN 6380 Practicum in Investment Management

FIN 6350 Advanced Financial Management

FIN 6360 Options and Futures Markets

FIN 6364 Advanced Investment Management

**Financial Analyst Concentration (24 hours):**

AIM 6330: Intermediate Financial Accounting I

AIM 6332: Intermediate Financial Accounting II

 FIN 6311 Valuation Models and Practices

FIN 6316: Private Equity Finance or FIN 6356: Mergers and Acquisitions

FIN 6350: Advanced Financial Management

FIN 6352: Financial Modeling or FIN 6357: Corporate Restructuring and Turnarounds

FIN 6355: Corporate Finance and Policy

FIN 6356: Mergers and Acquisitions or FIN 6357: Corporate Restructuring and Turnarounds**Financial Engineering and Risk Management Concentration (24 hours):**

FIN 6310 Investment Management

FIN 6314 Fixed income securities and their derivatives

FIN 6360 Options and Futures Markets

FIN 6370 Theory of Finance or FIN 6364 Advanced Investment Management

FIN 6381 Introductory Mathematical Finance

FIN 6383: Financial Asset Pricing and Engineering

ECO 6311 Statistics for Economists or OPRE 7310 Probability and Stochastic Processes

MECO 6312 Applied Econometrics and Times Series Analysis or MECO 6306 Applied Econometrics

**Financial Management Option (24 hours):**

Students must complete eight courses; of which at least one course must come from category A and at least five must come from category B.

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Category A: AIM 6330, AIM 6332, AIM 6341, AIM 6342, AIM 6344, AIM 6345, AIM 6346, AIM 6351, AIM 6342, AIM 6380.

Category B: FIN 6308, FIN 6310, FIN 6311, FIN 6314, FIN 6315, FIN 6316, FIN 6320, FIN 6321, FIN 6322, FIN 6323, FIN 6330, FIN 6340, FIN 6350, FIN 6352, FIN 6355, FIN 6356, FIN 6357, FIN 6360, FIN 6364, FIN 6366, FIN 6370, FIN 6381, FIN 6383, FIN 6384.