

FINANCE, MS

The Master's of Science in Finance offers a specialized curriculum with focused training in finance. The degree is designed to offer advanced, applied and theoretical experience in investment banking, corporate finance, actuarial science and/or financial derivatives.

The course of study is designed to provide insight into the following topics:

- The important role of financial intermediaries
- The management of financial intermediaries and an understanding of the markets in which they participate
- The valuation of financial assets such as stocks, bonds, derivatives, and other specialized assets and how they are managed in a portfolio
- The determination and behavior of interest rates and rates of return on assets
- The incentives and determinants of corporate behavior.

The program offers focused areas of study:

1. Corporate Finance Focus
2. Financial Engineering Focus
3. Actuarial Focus
4. Real Estate Focus

Admissions

The Master's of Science in Finance admission standards are significantly higher than other Business School programs. All application materials are carefully considered. Students are not required to have obtained an undergraduate degree in business.

In addition to the minimum Graduate School admission requirements, to be considered for regular admission an application must include:

- Resume
- 3 letters of recommendation
- A GPA of 3.5 or greater for regular admission
- A GRE score of at least 320 (verbal + quantitative) or a GMAT score of at least 640 (old version) or GMAT Focus Edition score of at least 595
- A TOEFL score of at least 79 or an IELTS score of at least 6.5, a Duolingo score of at least 110, or a PTE score of at least 59 for non-native English speakers who are required to submit an English Language Test score (see admissions criteria link below).

Students who do not meet these requirements, but who excel in other areas, may be considered for "Admission with Permission to Continue."

Accelerated Master's Program (AMP) students must meet the minimum admission requirements as listed in the AMP section of this catalog.

See the Admission Criteria section of this catalog for more information.

Curricular Requirements

The choice of undergraduate major does not preclude successful completion of the MSF program. It is important to realize, however, that most graduate finance courses assume that students are familiar with a common core of fundamental concepts in accounting, statistics, calculus, linear algebra, economics, and finance. Students with deficient backgrounds in these core courses, especially calculus and microeconomics, should prepare for the graduate courses, prior to commencing the program.

Undergraduate Courses (not required)

Fundamental Common Core Classes		Hours
AC 210	Intro To Accounting	
MATH 121	Calculus & Applications	
Or		
MATH 125	Calculus I	
MATH 126	Calculus II (Prefer)	
MATH 227	Calculus III	
MATH 237	Introduction to Linear Algebra	
ST 260	Statistical Data Analysis	
EC 308	Intermediate Microeconomics	
EC 309	Intermediate Macroeconomics	
FI 302	Business Finance	

Master's Course List with Focused Areas of Study

The MSF requires 30 hours of coursework.

Required Core Courses		Hours
FI 510	Financial Management	3
FI 512	Money And Capital Mkts	3
FI 515	Quantitative Investment Analys	3
FI 522	Bank Administration	3
FI 596	Capstone Project	3
EC 571	Econometrics	3
AC 544	Financial Statement Analysis	3

Choose one of the following Focused Areas of Study (FAS).

Corporate Finance Focus:

FI 505	Corporate Valuation	3
FI 506	Mergers & Acquisitions	3
One Finance elective course from list below, or other course with approval.		3

Finance Engineering Focus:

FI 519	Financial Engineering	3
FI 520	Financial Risk Management	3
One Finance elective course from the list below, or other course with approval.		

Real Estate Focus:

FI 535	Real Estate Invest & Develpmnt	3
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FI 534	Seminar In Real Estate	3
One Finance elective course from the list below, or other course with approval.		
Actuarial Science:		
FI 450	Loss Models I	3
FI 451	Loss Models II	3
Approved Electives List: choose one elective from the list below, or other course with program approval.		
FI 440	Life Contingencies I	3
FI 441	Life Contingencies II	3
FI 450	Loss Models I	3
FI 451	Loss Models II	3
FI 505	Corporate Valuation	3
FI 506	Mergers & Acquisitions	3
FI 519	Financial Engineering	3
FI 520	Financial Risk Management	3
FI 534	Seminar In Real Estate	3
FI 535	Real Estate Invest & Develpmnt	3
FI 572	Financial Econometrics	3
FI 597	Special Topics: Finance	3
Total Hours		30

Transfer Credit

Graduate School information on Transfer Credit.

Accelerated Master's Program

Graduate School information on the Accelerated Master's Program.

Capstone

Students must successfully pass FI 596 to meet their culminating requirement.

Time Limit for Degree Completion Requirements

Graduate School information on Time Limits.

Academic Misconduct Information

Graduate School information on Academic Misconduct.

Withdrawals and Leave of Absence Information

Graduate School information on Withdrawals and Leave of Absence.

Academic Grievances Information

Graduate School information on Academic Grievances.

Grades and Academic Standing

Graduate School information on Grades and Academic Standing.

Graduate School Deadlines Information

Information on Graduate School Deadlines.

Application for Graduation Information

Information on the Application for Graduation.