

Finance, MS

Requirements

The Master of Science program in finance requires a minimum of 45 s.h. of graduate credit. A major grade-point average (GPA) and a cumulative GPA of at least 2.75 is required in all coursework.

The MS with a major in finance requires the following coursework.

Core Courses

Students should consult their academic advisor about the possibility of waiving a core course if they have a major GPA of at least 3.30 in the subject area (consult advisor) or have passed the Certified Public Accountant (CPA) or Chartered Financial Analyst (CFA, Level 1) Examination.

Course #	Title	Hours
FIN:8130	Business Communication (taken spring and fall semesters for 1 s.h. each)	2
FIN:9150	Financial Modeling and Firm Valuation	2
FIN:9200	Portfolio Management	3
FIN:9210	Derivatives	3
FIN:9220	Fixed Income Securities	3
FIN:9300	Corporate Investment and Financing Decisions	3
FIN:9400	Professional Development and Business Acumen (taken fall and spring semesters for 1 s.h. each)	2
BAIS:9100	Data and Decisions	3
MBA:8140	Corporate Financial Reporting	3
MBA:8170	International Economic Environment of the Firm	3
MBA:8180	Managerial Finance	3

Electives

Elective credit varies for students. The following elective coursework is possible. Students should consult their advisor.

Course #	Title	Hours
All students must complete one experiential elective option from these:		
FIN:9225	Applied Fixed Income Analysis - Hart Fund	3
FIN:9250 & FIN:9260	Applied Securities Analysis - Henry Fund I-II	6
FIN:9390	Applied Financial Analysis: Industry Project	3
FIN:9391	Thesis in Finance - Master of Science in Finance	arr.
Any of these:		
FIN:4030	Securities Industry Essentials Exam Prep	1
FIN:9140	Enterprise Risk Management	3
FIN:9160	Quantitative Finance and Deep Learning	3

FIN:9230	Real Estate Finance and Investments	3
FIN:9240	International Finance	3
FIN:9290	Alternative Investments and Portfolio Strategies	2-3
FIN:9310	Corporate Financial Strategy	3
FIN:9330	Investment Banking	3
FIN:9350	Wealth Management	3
ACCT:9030	Financial Accounting Standards and Analysis	3
ACCT:9050	Taxes and Business Strategy	3
ACCT:9120	Design and Use of Cost Management Systems	3
ACCT:9130	Financial Reporting: Theory and Practice	3
ACCT:9170	Advanced Accounting Analytics	3
BAIS:6040	Data Programming in Python	3
BAIS:6050	Data Management and Visual Analytics	3
BAIS:6060	Data Analysis with R	3
BAIS:6070	Data Science	3
BAIS:6140	Information Visualization	3
BAIS:9110	Advanced Analytics	3
BAIS:9210	Introduction to Modeling with VBA	3
CS:4400	Database Systems	3
CS:5110	Introduction to Informatics	3
ECON:4800	Econometric Analysis	3
ECON:5800	Econometrics	3
ISE:6760	Pattern Recognition for Financial Data	3
ISE:6780	Financial Engineering and Optimization	3
STAT:4100	Mathematical Statistics I	3
STAT:4101	Mathematical Statistics II	3

Additional elective credit possible for courses in analytics, computer science, engineering, mathematics, physics, statistics, or actuarial science (e.g., quantitative/technical) with advisor approval