

Finance, M.S.

Requirements

The Master of Science program in finance requires a minimum of 45 s.h. of graduate credit. A major g.p.a. and a cumulative g.p.a. of at least 2.75 is required in all coursework.

The M.S. 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 g.p.a. 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.

| Code | Title | Hours |
|--------------------|--|-----------|
| 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:8130 | Business Communication (taken spring and fall semesters for 1 s.h. each) | 2 |
| MBA:8140 | Corporate Financial Reporting | 3 |
| MBA:8170 | International Economic Environment of the Firm | 3 |
| MBA:8180 | Managerial Finance | 3 |
| Total Hours | | 30 |

Electives

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

| Code | Title | Hours |
|--|--|-------|
| All students must complete one of the following experiential elective options: | | |
| 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 |

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| 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 Programming in 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