



### ***Twin Cities Campus***

## **Finance M.S.**

Finance

**Curtis L. Carlson School of Management**

Link to a [list of faculty](#) for this program.

### **Contact Information:**

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Website: <https://carlsonschool.umn.edu/degrees/master-science-in-finance>

- Program Type: Master's
- Requirements for this program are current for Fall 2018
- Length of program in credits: 39
- This program requires summer semesters for timely completion.
- Degree: Master of Science

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The 39-credit master of science program in finance provides students with an advanced understanding of the tools and methods used in businesses and in financial markets. The program focuses on combining financial theory with quantitative and computational methods and real-world applications. Students can complete this full-time graduate program in 12 or 16 months. Graduates will be able to analyze and interpret complex financial data and communicate its implications. Successful applicants begin their M.S. studies in summer (July).

## **Accreditation**

This program is accredited by AACSB International. The M.S. in Finance is STEM designated.

## **Program Delivery**

This program is available:

- via classroom (the majority of instruction is face-to-face)

## **Prerequisites for Admission**

Other requirements to be completed before admission:

- University level courses in calculus and statistics are required.
- Linear algebra is recommended, but not required.
- Work experience is not required, but preferred.

### **Special Application Requirements:**

Applicants must submit all application materials through the University's admissions system. Application materials include:

- A GMAT or GRE General Test that is not more than five years old, with an acceptable score.
- For international students, an acceptable score on the Test of English as a Foreign Language (TOEFL) International Language Testing System (IELTS).
- Three letters of recommendations need to be submitted through the online application.
- A personal statement of career goals, and objectives for pursuing a M.S. Finance degree. The personal statement questions are the following: Briefly describe your short-term and long-term career goals. Why are you choosing to pursue an M.S. in Finance at this time in your career, and what are you hoping to accomplish by doing so? Why are you interested in pursuing an M.S. degree in Finance at the Carlson School of Management? What do you feel makes you a strong candidate for the program? How will you contribute to the M.S. in Finance program overall? Applicants must submit a current resume that includes job responsibilities and accomplishments in the online application.
- Applicants may choose to submit an essay to comment on any item(s) in their application they consider worthy of further explanation.
- Applicants may be required to complete an admissions interview, which are by invitation only.

Applicants must submit their test score(s) from the following:

- GRE
- GMAT

International applicants must submit score(s) from one of the following tests:



- TOEFL
- IELTS

Key to [test abbreviations](#)(GRE, GMAT, TOEFL, IELTS).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

## Program Requirements

**Plan C:** Plan C requires 39 major credits and up to null credits outside the major. The is no final exam.

This program may not be completed with a minor.

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 2.8 is required for students to remain in good standing.

### Required Courses: Summer (9 credits)

- [MSF 6421](#) - Computing for Finance: Excel/VBA I & II (2.0 cr)
- [MSF 6221](#) - Finance I: Risk, Return, and Value (2.0 cr)
- [MSF 6031](#) - Financial Accounting (3.0 cr)
- [MSF 6921](#) - Introduction to Python (2.0 cr)

### Required Courses: Fall (16 credits)

- [MSF 6422](#) - Financial Econometrics and Computational Methods I (2.0 cr)
- [MSF 6223](#) - Corporate and Entrepreneurial Finance (2.0 cr)
- [MSF 6022](#) - Financial Statement Analysis (2.0 cr)
- [MSF 6021](#) - Communications for Finance (2.0 cr)
- [MSF 6423](#) - Financial Econometrics and Computational Methods II (2.0 cr)
- [MSF 6621](#) - Finance within the Macroeconomy (2.0 cr)
- [MSF 6322](#) - Corporate Valuation and Modeling (2.0 cr)
- [MSF 6222](#) - Finance II: Cash Flows, Managerial Decisions, and Project Valuation (2.0 cr)

### Required Courses: Spring (10 credits)

- [MSF 6821](#) - Experiential Learning (4.0 cr)
- [MSF 6522](#) - Derivatives and Risk Management (2.0 cr)
- [MSF 6321](#) - Quantitative Portfolio Analysis (2.0 cr)
- [MSF 6121](#) - Fixed Income and Securities (2.0 cr)

### Electives (4 credits)

Students can select from the following electives or graduate courses offered by other departments in the business school upon approval.

- [FINA 6325](#) - Behavioral Finance (2.0 cr)
- [FINA 6621](#) - International Financial Management (2.0 cr)
- [FINA 6222](#) - Mergers and Acquisitions (2.0 cr)
- [FINA 6324](#) - Securitization Markets (2.0 cr)
- [FINA 6341](#) - World Economy (4.0 cr)

### Non-Credit Courses

Noncredit 1: On occasion, external speakers will be brought in to enhance the experiential learning component of the MS finance program. Students are required to attend such meetings, and their participation will be assessed on a pass/fail basis.

Noncredit 2: Students will be required to pass the online ethics module from the Chartered Financial Analyst Institute by the end of the summer. Successful completion will be a requirement of the Fundamentals of Finance II course.