



Master of Science

# Master of Science in Finance (MSF)

• CIP 520304 • 30 credits

## Program Description

The Master of Science in Finance program at Cambridge College Global is designed to meet the academic and skill needs of those who desire a career in modern finance. The program is academically rigorous and has proven to be most useful to those pursuing careers within the following areas of finance: asset management, debt, equity and commodities trading, investment banking, mutual funds, hedge funds, and insurance. Using both theoretical and applied methods, the MSF program prepares students to enter the field of finance or advance in their current positions.

## Program Outcomes

MSF students will be able to make sound managerial financial decisions by:

- Analyzing financial data and market research information to conduct analyses for sound investment decisions and portfolio management.
- Utilizing financial concepts and analytical tools to make financial decisions in managerial finance and investment management.
- Devising effective financial plans and risk management strategies.
- Applying theoretical constructs and quantitative tools to devise financial models to address corporate finance challenges.
- Evaluating issues in financial ethics and compliance to support ethical practices.
- Strategizing and proposing comprehensive financial plans and investment policies to maximize shareholders' value in the current global environment.

As a final deliverable, all MSF students will construct a comprehensive financial analysis and investment analysis report on par with those found in the financial press.

## Instructional Delivery

The MSF program is an online program. Courses are five weeks in length and there are eight sessions each year. The program is designed for students to take one course per five-week session, which is equivalent to three courses in a traditional 15-week semester. The program can be completed in 16 months of continuous enrollment.

**Program chair:** Matthew Fowler, M.S., Ph.D.

- matthew.fowler@go.cambridgecollege.edu

## Prerequisites

Students are conditionally accepted into the MSF program until the following undergraduate business courses are completed: Statistics and Corporate Finance. Students have a maximum of 12 consecutive months to complete any required prerequisite course(s), with a minimum grade of B (3.0). Students may transfer in the equivalent of these courses in accordance with its Transfer of Credit policy or enroll in these courses prior to full acceptance into the MSF at CCG. Students may also test out of the required prerequisite courses by successfully completing a CLEP examination if one is available in the subject area. To receive admission to the MSF Program, candidates must hold an undergraduate degree and have a final undergraduate cumulative GPA of 3.0 (B). Also required is completed coursework in finance, statistics, calculus, economics, or accounting either at the undergraduate or graduate level. These candidates who have not may be granted conditional admission and be required to complete additional undergraduate courses.

Once students successfully complete any required prerequisite courses, they will be automatically moved to a fully accepted status. Students may complete the required courses at CCG or from another institution in accordance with its Transfer of Credit policy. Other conditions for acceptance may be stipulated for applicants in some instances. Students that are conditionally admitted into the program will be informed of the conditions to be met for full admission status and the deadlines for meeting each condition.

## MSF Prerequisites ..... 6 credits

These prerequisite courses may be waived based on undergraduate coursework. A grade of C (2.0) must be obtained in each prerequisite course.

- GFI 305W Corporate Finance
- GMA 305W Statistics

## Core Curriculum ..... 18 credits

Due to the mathematical complexity found in the courses of the MSF Program, MBA 502 and MSF 500 serve as foundation courses. Students are required to take these either their first or second courses in the Program. A grade of B (3.0) must be obtained in all courses.

- MBA 501W Strategic Leadership & Management
- MBA 502W Applied Quantitative Methods for Business
- MSF 500W Financial Markets
- MSF 505W Managerial Finance
- MSF 510W Investment Management
- MSF 545W Financial Modeling





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## Concentrations ..... 9 credits

### Ethics & Corporate Social Responsibility

Choose three:

- MBE 501W Regulations and Regulators - *required*
- MBE 510W Governance, Ethics & Compliance
- MBE 515W Enterprise Risk Management
- MBE 580W Strategy Missions & Governance
- MBA 530W Legal and Ethical Dimensions of Strategic Management
- MBE 581W Corporate Stakeholders Relations & Communications
- MBE 582W Measuring & Monitoring ESG Performance

### Global Finance Trading

Choose three:

- MSF 540W International Finance
- MSF 547W Global Currency Management
- MSF 550W Financial Derivatives
- MSF 557W Financial Trading and Management
- MSF 560W Trading Psychology

### Leadership

Choose three:

- HRM 501W Strategic Human Resource Management
- MBA 541W International Business & Global Strategy
- MBA 530W Legal and Ethical Dimensions of Strategic Management
- MBE 581W Corporate Stakeholder Relations & Communications
- MSF 540W International Finance
- MSF 557W Financial Trading and Management
- MSF 560W Trading Psychology

## If not selecting a concentration ..... 9 credits

Choose three:

- ACC 520W Forensic Data Analysis
- MSF 540W International Finance
- MSF 547W Global Currency Management
- MSF 550W Financial Derivatives
- MSF 557W Financial Trading and Management
- MSF 560W Trading Psychology
- MSF 570W Financial Ethics and Compliance
- MSF 580W Insurance and Risk Management
- MBE 515W Enterprise Risk Management
- RMI 560W Insurance Company Operations, Qualifications and Underwriting

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## Capstone ..... 3 credits

- MSF 600W Finance Capstone

(All courses @ 3 credits except as noted.)