

FINANCE, MASTER OF SCIENCE

The Master of Science in Finance is a 36-credit, fully online program designed for students interested in developing and improving their professional competencies and skills in various finance related disciplines to increase their marketability. The program has a well-designed and rigorous curriculum with a focus on international perspectives and a strong commitment to the high ethical standards required in the finance field. The program provides students with state-of-the-art skills and the knowledge necessary to compete in an increasingly challenging business environment. Additionally, as an affiliated university program¹ of the (http://www.cfainstitute.org)CFA Institute (CFA) (https://www.cfainstitute.org/en/programs/cfa/charter/)[®], a significant portion of the core curriculum, with appropriate electives, covers the Institute's Candidate Body of Knowledge (CBOK)[®].

The program is ideal for those working or planning to work in the following areas:

- Commercial and retail banking
- Investment and insurance companies
- Security analysis, security trading and brokerage
- Corporate finance, venture capital, and private equity
- Corporate restructuring, merger and acquisition (M&A)
- Portfolio management and risk management
- Financial services and consulting
- Government financial auditors
- Financial information systems and data providers
- Financial data analysis

Program Design

This program is delivered through online instruction (asynchronous), providing flexibility and convenience for working professionals and adult learners. Students may complete the program on a full-time or part-time schedule. Full-time students may complete the program in 20 months if they enroll in 9 credits in the fall and spring terms and 3 to 6 credits during the summer terms. Part-time students may complete the program in 24-27 months.

Program Delivery and Tuition Rate

This master's program is delivered through online courses (asynchronous) and is billed at the non-MBA rate.

Course Materials Fee

The MS in Finance program requires access to online financial data. The School for Graduate Studies will provide access to this data via the London Stock Exchange Group (LSEG) Eikon web application for a fee, charged at the time of course registrations.

[®] The Candidate Body of Knowledge (CBOK) is a registered trademark owned by the Chartered Financial Analyst Institute (CFA).

¹ Completion of the MS in Finance program does not guarantee acceptance into or passage of any of CFA Institute's programs.

Admission

Admission to this program is selective. This program enrolls new students in the fall and spring terms. Applicants should possess a bachelor's degree in business or related field with the following prerequisites:

- 3 credits of financial accounting
- 3 – 6 credits of economics (micro or macro)
- 3 credits of statistics

Application

Please see the Graduate Admission (http://catalog.sunyempire.edu/graduate/admission/) section of this catalog for a complete listing of materials required to complete a graduate application.

Program Curriculum

The MS in Finance program's curriculum consists of foundation courses, advanced core courses, electives, and the final capstone. Students must choose four elective courses to reflect their interests and to reinforce the individual focus of their degree, based on their chosen concentration (track). To satisfy this requirement, students may choose one of the three available concentrations below. Students can also incorporate advanced graduate certificates into their master's degree, without additional course work.¹

Code	Title	Credits
FOUNDATION COURSES		
FSMA 6010	Quantitative Methods in Finance	3
FSMA 6015	Financial Economics	3
FSMA 6016	Financial Management	3
ADVANCED CORE COURSES		
FSMA 6020	Investment Analysis	3
FSMA 6025	Advanced Quantitative Methods in Finance	3
MGMT 6075	International Financial Management	3
FSMA 7015	Strategies of Financial Management	3
ELECTIVES		12
<i>Corporate Finance track</i>		
FSMA 6035	Financial Risk Management	
FSMA 6040	Mergers & Acquisitions	
FSMA 6045	Money Banking & Financial Institutions	
FSMA 6050	Financial Analysis & Control	
<i>International Finance track</i>		
FSMA 6080	International Accounting	
FSMA 6095	International Financial Law & Regulation	
MGMT 6065	Economics for Global Managers	
FSMA 6055	Financial Instruments & Derivatives	
<i>General Finance track</i>		
Choose four, 3-credit electives*		
CAPSTONE		
FSMA 7020	Global Financial Strategy	3
Total Credits		36

¹ Students wishing to receive a certificate must apply and be accepted into a certificate program.

electives*

Under the guidance of their academic advisor, students in the General Finance concentration may choose their electives (4) from the following course options:

Code	Title	Credits
FSMA 6035	Financial Risk Management	3
FSMA 6040	Mergers & Acquisitions	3
FSMA 6045	Money Banking & Financial Institutions	3
FSMA 6050	Financial Analysis & Control	3
FSMA 6055	Financial Instruments & Derivatives	3
FSMA 6080	International Accounting	3
FSMA 6095	International Financial Law & Regulation	3
MGMT 6065	Economics for Global Managers	3

Enrollment Sequence (part-time)

The following suggested enrollment sequence is based on a fall term start, half-time schedule.

Course	Title	Credits
First Year		
Fall		
FSMA 6010	Quantitative Methods in Finance	3
FSMA 6016	Financial Management	3
		Credits
		6
Spring		
FSMA 6015	Financial Economics	3
MGMT 6075	International Financial Management	3
		Credits
		6
Summer		
FSMA 7015	Strategies of Financial Management	3
		Credits
		3
Second Year		
Fall		
FSMA 6025	Advanced Quantitative Methods in Finance	3
FSMA 6020	Investment Analysis	3
		Credits
		6
Spring		
Elective 1		3
Elective 2		3
		Credits
		6
Summer		
Elective 3		3
		Credits
		3
Third Year		
Fall		
Elective 4		3
FSMA 7020	Global Financial Strategy	3
		Credits
		6
		Total Credits
		36

Enrollment Sequence (full-time)

The following suggested enrollment sequence is based on a fall term start, full-time schedule.

Course	Title	Credits
First Year		
Fall		
FSMA 6010	Quantitative Methods in Finance	3
FSMA 6016	Financial Management	3

FSMA 6020	Investment Analysis	3
		Credits
		9
Spring		
FSMA 6015	Financial Economics	3
FSMA 6025	Advanced Quantitative Methods in Finance	3
MGMT 6075	International Financial Management	3
		Credits
		9
Summer		
FSMA 7015	Strategies of Financial Management	3
Elective 1		3
		Credits
		6
Second Year		
Fall		
Elective 2		3
Elective 3		3
		Credits
		6
Spring		
Elective 4		3
FSMA 7020	Global Financial Strategy	3
		Credits
		6
		Total Credits
		36

Upon successful completion of the program, students will be able to:

- **Disciplinary Knowledge:** Students will be able to integrate core functional knowledge and quantitative methods in the areas of finance to facilitate sound financial decision-making processes;
- **Critical Thinking and Problem Solving:** Students will be able to integrate theory and practice to analyze financial problems through inference and evaluation;
- **Strategic Thinking:** Students will be able to demonstrate appropriate financial management skills to facilitate effective decision-making processes;
- **Leadership:** Students will be able to utilize the leadership capacity to be highly effective financial managers and leaders for financial decision-making;
- **Ethical Reasoning:** Students will be able to apply theory and tools necessary for sound ethical reasoning in finance;
- **Global Understanding:** Students will be able to understand the interdependencies in a fast-changing global financial environment;
- **Managerial Communication:** Students will be able to communicate effectively orally and in writing across a comprehensive range of financial contexts and with diverse stakeholders; and
- **Teamwork:** Students will be able to contribute collaboratively and effectively to the achievement of organizational financial goals in a team environment.