

Finance

Innovations in financial markets, institutions, and securities present significant opportunities and challenges to financial managers on a daily basis. The Master of Science in Finance is a highly focused program designed to equip professionals with the advanced knowledge and cutting-edge analytical tools they need to successfully navigate today's financial markets. The 30-credit program is ideal for professionals interested in upgrading their technical training and knowledge in finance as well as for individuals with strong quantitative skills seeking a career change. Students interested in taking the CFA or FRM certification exams can significantly cut the need for additional preparation by taking the appropriate electives. The program can also serve as a stepping stone for those interested in pursuing a Ph.D. in finance or a related field.

MS in Finance Program Learning Goals

Financial Reasoning Skills	Students will develop the skills needed to estimate the values of projects, companies, financial securities and derivatives; to evaluate the validity of these estimates; and to formulate and implement strategies based on them.
Communication	Students will be effective oral and written communicators of financial data and concepts, and will be able to convey complex financial valuations, securities, and decision-making tools to others in the organization in clear, convincing ways.
Leadership	Students will be able to originate and implement financial strategies that create value for their firms or investment portfolios.
Global Awareness	Students will be able to utilize and apply their understanding of differences among global businesses and institutions in their financial practice and decision making.
Ethical Awareness	Students will be aware of ethical issues in finance, and be able to demonstrate their ability to identify ethical conflicts in financial matters and either resolve or avoid them.

MS in Finance Curriculum

Curriculum effective for Students Entering Fall 2020 (students entering in Spring 2021 should scroll down)

Preliminary Courses		
Based on their academic background, the admitted applicants may be required to take the preliminary courses from the following list. These courses are not part of the 30-credit MSF curriculum and the students who take them will incur additional cost.		
ECO 9730	Firms in the Global Economy	1.5 credits
ECO 9740	Fundamentals of Macroeconomics	1.5 credits
FIN 9762	Introduction to Quantitative Tools for Finance	3 credits
FIN 9770	Corporate Finance	3 credits
Required Courses (10.5 credits)		
The following courses are required for all MSF students. The students are advised to take the required courses as early in the program as they can because these required courses serve as prerequisites for many electives.		
BUS 9551	Business Communication I*	1.5 credits
FIN 9781	Intermediate Corporate Finance*	3 credits
ECO 9723	Econometrics: Theory and Applications I*	3 credits
FIN 9783	Investment Analysis*	3 credits

*Not open to students in the cohort format.

Electives (19.5 credits)***

To earn the MSF degree the students need to successfully complete a total of 19.5 credits of elective courses from the following list.

Note: Only a small subset of these courses is offered each semester and the actual course offerings vary from semester to semester.

ECO 9713	Money, Banking, and Monetary Policy	3 credits
ECO 9724	Econometrics - Theory and Applications II	3 credits
FIN 9759	Mergers and Acquisitions	3 credits
FIN 9774	Entrepreneurial Finance	3 credits
FIN 9782	Futures and Forward Markets	3 credits
FIN 9784	Management of Financial Institutions	3 credits
FIN 9786	International Finance Markets	3 credits
FIN 9788	International Corporate Finance	3 credits
FIN 9789	Equity Markets: Trading and Structure	3 credits
FIN 9790	Seminar in Finance	3 credits
FIN 9792	Advanced Corporate Finance	3 credits
FIN 9793	Advanced Investment Analysis	3 credits
FIN 9795	Debt Instruments and Markets	3 credits
FIN 9797	Options Markets	3 credits
FIN 9852	Measurement and Management of Market Risk I	1.5 credits
FIN 9853	Measurement and Management of Market Risk II	1.5 credits
FIN 9854	Measurement and Management of Credit Risk I	1.5 credits
FIN 9855	Measurement and Management of Credit Risk II	1.5 credits
FIN 9856	Measurement and Management of Risks in Operations and Information Technology	1.5 credits
FIN 9857	Measurement and Management of Risks in Investments	1.5 credits
FIN 9858	Implications of Corporate Governance, Regulation, and Ethics of Risk Management	1.5 credits
FIN 9880	International Finance Markets	1.5 credits
FIN 9881	Debt Securities	1.5 credits
FIN 9882	Futures and Forwards	1.5 credits
FIN 9883	Options	1.5 credits

FIN 9884	Venture Capital	1.5 credits
FIN 9891	Special Topics in Investments	1.5 credits
FIN 9892	Special Topics in Investments	2 credits
FIN 9893	Special Topics in Investments	3 credits
FIN 9895	Special Topics in Corporate Finance	1.5 credits
FIN 9896	Special Topics in Corporate Finance	2 credits
FIN 9897	Special Topics in Corporate Finance	3 credits
FIN 9985	Risk Management in Financial Institutions	3 credits
<p><i>*BUS 9551 is effective for all MS-Finance students admitted in spring 2016 or later. Students admitted prior to spring 2016 should consult their preliminary course evaluation and/or waiver exam results, since other requirements and conditions may apply.</i></p> <p><i>***Elective courses to be selected by the Department of Economics and Finance from the above list for students in the cohort format.</i></p>		

Curriculum effective for Students entering in Spring 2021

Preliminary Courses Based on their academic background, the admitted applicants may be required to take the preliminary courses from the following list. These courses are not part of the 30-credit MSF curriculum and the students who take them will incur additional cost.		
ECO 9730	Firms in the Global Economy	1.5 credits
ECO 9740	Fundamentals of Macroeconomics	1.5 credits
FIN 9762	Introduction to Quantitative Tools for Finance	3 credits
FIN 9770	Corporate Finance	3 credits
Required Courses (10.5 credits) The following courses are required for all MSF students. The students are advised to take the required courses as early in the program as they can because they serve as the prerequisites for many electives.		
BUS 9551	Business Communication I	1.5 credits
ECO 9723	Econometrics: Theory and Applications I	3 credits
FIN 9781	Intermediate Corporate Finance	3 credits
FIN 9783	Investment Analysis	3 credits
Electives (19.5 credits)*** Choose 13.5 - 19.5 credits from the list below: Note: Only a small subset of these courses is offered each semester and the actual course offerings vary from semester to semester.		

ECO 9713	Money, Banking, and Monetary Policy	3 credits
ECO 9724	Econometrics - Theory and Applications II	3 credits
FIN 9759	Mergers and Acquisitions	3 credits
FIN 9774	Entrepreneurial Finance	3 credits
FIN 9782	Futures and Forward Markets	3 credits
FIN 9784	Management of Financial Institutions	3 credits
FIN 9786	International Finance Markets	3 credits
FIN 9788	International Corporate Finance	3 credits
FIN 9789	Equity Markets: Trading and Structure	3 credits
FIN 9790	Seminar in Finance	3 credits
FIN 9792	Advanced Corporate Finance	3 credits
FIN 9793	Advanced Investment Analysis	3 credits
FIN 9795	Debt Instruments and Markets	3 credits
FIN 9797	Options Markets	3 credits
FIN 9852	Measurement and Management of Market Risk I	1.5 credits
FIN 9853	Measurement and Management of Market Risk II	1.5 credits
FIN 9854	Measurement and Management of Credit Risk I	1.5 credits
FIN 9855	Measurement and Management of Credit Risk II	1.5 credits
FIN 9856	Measurement and Management of Risks in Operations and Information Technology	1.5 credits
FIN 9857	Measurement and Management of Risks in Investments	1.5 credits
FIN 9858	Implications of Corporate Governance, Regulation, and Ethics of Risk Management	1.5 credits
FIN 9880	International Finance Markets	1.5 credits
FIN 9881	Debt Securities	1.5 credits
FIN 9882	Futures and Forwards	1.5 credits
FIN 9883	Options	1.5 credits
FIN 9884	Venture Capital	1.5 credits
FIN 9891	Special Topics in Investments	1.5 credits
FIN 9892	Special Topics in Investments	2 credits
FIN 9893	Special Topics in Investments	3 credits
FIN 9895	Special Topics in Corporate Finance	1.5 credits

FIN 9897	Special Topics in Corporate Finance	3 credits
FIN 9985	Risk Management in Financial Institutions	3 credits
<p><i>*BUS 9551 is effective for all MS-Finance students admitted in spring 2016 or later. Students admitted prior to spring 2016 should consult their preliminary course evaluation and/or waiver exam results, since other requirements and conditions may apply.</i></p> <p><i>***Elective courses to be selected by the Department of Economics and Finance from the above list for students in the cohort format.</i></p>		
Business Electives: Choose 0 - 6 credits from the list below:*		
ACC 9110	Financial Reporting	3 credits
ACC 9810	Current Topics in Financial Accounting	3 credits
ACC 9993	Special Topics in Accountancy	3 credits
CIS 9555	Principles of Fintech	3 credits
RES 9776	Real Estate Finance	3 credits
RES 9850	Real Estate Capital Markets	3 credits
BUS 9801 - 9803	Graduate Internship I, II, III (in FIN)	3 credits
<p><i>Business elective credits and transferred credits for specialization can be at most 6.</i></p>		