

Financial Risk Management (MS)

Master of Science in Financial Risk Management will provide students with comprehensive, foundational knowledge of modern risk management. Students who complete this degree will be well positioned to accept financial risk management responsibilities and implement effective financial risk management programs in their firms. They will also be able to identify and develop appropriate risk management strategies as new challenges, opportunities, and needs arise in the future.

This degree program is designed so that students have the academic background needed for the professional certification tests of the leading professional financial risk management associations. These are the Financial Risk Manager (FRM) certification of the Global Association of Risk Professionals (GARP) and the Professional Risk Manager (PRM) certification of the Professional Risk Managers International Association (PRMIA). Our program is an academic program that, while it covers the material needed for the FRM and PRM certifications, is not primarily an exam preparatory course.

Preliminary Courses (0-12 Credits)		
Based on their academic background, the admitted applicants may be required to take preliminary courses from the following list. These courses are not part of the 30-credit MSFRM curriculum and the students who take them will incur additional cost.		
ACC 9110*	Financial Reporting	3 credits
ECO 9730**	Firms in the Global Economy	1.5 credits
ECO 9740	Fundamentals of Macroeconomics, or equivalent	1.5 credits
FIN 9762	Introduction to Quantitative Tools for Finance, or equivalent	3 credits
FIN 9770***	Corporate Finance	3 credits
<i>The program is changing from 100% required curriculum to a more flexible curriculum as described below, effective fall 2016. Students admitted prior to fall 2016 may also pursue this curriculum.</i>		
Required Courses (22.5 credits)		
BUS 9551 ⁺	Business Communication I	1.5 credits
ECO 9723	Econometrics - Theory and Applications I	3 credits
FIN 9783	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
Elective Courses (7.5 credits from the following list)		
FIN 9713	Money, Banking, and Monetary Policy	3 credits

FIN 9724	Econometrics: Theory and Applications II	3 credits
FIN 9740	Technical Analysis	3 credits
FIN 9759	Mergers and Acquisitions	3 credits
FIN 9774	Venture Capital and Entrepreneurial Finance	3 credits
FIN 9781	Managerial Finance	3 credits
FIN 9782	Futures and Forwards Markets	3 credits
FIN 9784	Management of Financial Institutions	3 credits
FIN 9785	Financial Markets and Intermediaries	3 credits
FIN 9786	International Financial Markets	3 credits
FIN 9788	International Corporate Finance	3 credits
FIN 9789	Equity Markets: Trading and Structure	
FIN 9790	Seminar in Finance	3 credits
FIN 9792	Advanced Managerial Finance	3 credits
FIN 9793	Advanced Investment Analysis	3 credits
FIN 9851	Classical Foundations of Financial Risk Management	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 9890	Special Topics in Investments	1 credit
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 9894	Special Topics in Corporate Finance	1 credit
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

*Effective for all MS-Financial Risk Management 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.

*Formerly ACC 9110 Financial Accounting; new course title effective Spring 2017.

**Formerly ECO 9730 Fundamentals of Microeconomics; new course title effective Spring 2017.

***Formerly FIN 9770 Financial Decision Making; new course title effective Spring 2017.