

FINANCE AND RISK MANAGEMENT, MS

Program Director: Jian Yang
Email: Jian.Yang@ucdenver.edu
Telephone: 303.315.8423

Introduction

The master of science in finance and risk management provides the necessary depth and specialized expertise to meet the needs of businesses for financial managers, investment analysts and other finance specialists.

The program emphasizes a familiarity with the institutions in our financial system, an understanding of financial markets and instruments, and the analytical skills and tools necessary to make informed decisions about investment and financing.

The program is suited to students from a wide variety of undergraduate backgrounds and is particularly appropriate to students with strong technical and analytical backgrounds. Admission standards for the MS finance and risk management program are unique to the program. Therefore, admission to other graduate business programs does not guarantee admission into the MS finance and risk management program.

The MS in finance and risk management offers flexibility with on-campus and online courses. The MS finance and risk management degree requirements are met by the following courses and options:

Prerequisites

Prerequisites: BUSN 6550 Analyzing and Interpreting Accounting Information or the equivalent of a financial accounting course taken within the last ten years with a "B-" grade or higher. Students are also expected to be knowledgeable in spreadsheet software.

Requirements

Code	Title	Hours
Finance and Risk Management Core		
FNCE 6290	Quantitative Methods for Finance	3
BUSN 6620	Applied Economics for Managers	3
BUSN 6640	Financial Management	3
FNCE 6300	Macroeconomics and Financial Markets	3
FNCE 6330	Investment Management Analysis	3
FNCE 6382	Survey of Financial Derivatives	3
Specializations		
Select one of the following:		12
Commodities (p. 1)		
Economics (p. 1)		
Finance (p. 1)		
Financial Analysis and Management (p. 2)		
Risk Management and Insurance (p. 2)		
Total Hours		30

Specializations

Commodities

Code	Title	Hours
Required Courses		
CMDT 6802	Foundations of Commodities	3
Other Courses		
Select 3 of the following:		9
CMDT 6490	Commodity and Equity Trading	
CMDT 6582	Commodity Supply Chain Management	
CMDT 6682	Commodity Valuation and Investment	
CMDT 6782	Commodity Data Analysis	
RISK 6129	Practical Enterprise Risk Management	
RISK 6309	Strategic Risk Management	
RISK 6509	Global Risk Management	
RISK 6809	Principles of Risk Management & Insurance	
RISK 6909	Corporate Risk Management	
Total Hours		12

Economics

Code	Title	Hours
Core		
BUSN 6640	Financial Management	3
FNCE 6330	Investment Management Analysis	3
FNCE 6382	Survey of Financial Derivatives	3
Electives		
Select any two FNCE/RISK/CMDT courses numbered 6000 or higher ¹		6
Economics Core		
ECON 5073	Microeconomic Theory	3
ECON 5083	Macroeconomic Theory	3
ECON 5803	Mathematical Economics	3
ECON 5813	Econometrics I	3
Quantitative Elective		
Select one of the following:		3
ECON 5823	Econometrics II	
ECON 6801	Advanced Mathematical Economics	
MATH 5351	Actuarial Models	
MATH 5390	Game Theory	
MATH 5792	Probabilistic Modeling	
Total Hours		30

¹ excluding FNCE 6290 Quantitative Methods for Finance and FNCE 6300 Macroeconomics and Financial Markets

The Economics Specialization is a stand alone program which requires 30 credit hours

Finance

Code	Title	Hours
Required Courses		
Select at least 3 courses with FNCE/CMDT/RISK prefix, numbered 6000 or higher.		9
Electives		
Select one of the following:		3

FNCE/CMDT/RISK course numbered 6000 or higher	
ACCT 6140	Fundamentals of Federal Income Tax
ACCT 6340	Financial Statement Analysis
ENTP 6824	Entrepreneurial Financial Management
ECON 5813	Econometrics I
ECON 5823	Econometrics II
MATH 5792	Probabilistic Modeling
MATH 5390	Game Theory
Total Hours	12

Financial Analysis and Management

Code	Title	Hours
Select three or four courses of the following:		9-12
FNCE 6310	Financial Decisions and Policies	
FNCE 6340	Business Firm Valuation	
FNCE 6360	Management of Financial Institutions	
FNCE 6411	International Corporate Governance	
FNCE 6420	Mergers and Acquisitions	
FNCE 6450	Short-Term Financial Management	
FNCE 6460	Emerging Market Finance	
FNCE 6480	Financial Modeling	
Total Hours		9-12

If 3 courses completed from list above, select 1 course from the list below:

Code	Title	Hours
ACCT 6140	Fundamentals of Federal Income Tax	3
ACCT 6340	Financial Statement Analysis	3
CMDT 6582	Commodity Supply Chain Management	3
CMDT 6682	Commodity Valuation and Investment	3
CMDT 6802	Foundations of Commodities	3
ENTP 6824	Entrepreneurial Financial Management	3
MATH 5390	Game Theory	3
RISK 6129	Practical Enterprise Risk Management	3
RISK 6509	Global Risk Management	3
RISK 6809	Principles of Risk Management & Insurance	3
RISK 6909	Corporate Risk Management	3
CMDT 6782	Commodity Data Analysis	3

Risk Management and Insurance (RMI)

Code	Title	Hours
Required Courses		
RISK 6809	Principles of Risk Management & Insurance	3
RISK 6909	Corporate Risk Management	3
Required Course		
Select one of the following:		3
RISK 6129	Practical Enterprise Risk Management	
RISK 6309	Strategic Risk Management	
Quantitative Elective		
Select one of the following:		3
RISK 6209	Cyber Risk Management	
RISK 6509	Global Risk Management	

RISK 6709	Life and Health Insurance
CMDT 6582	Commodity Supply Chain Management
CMDT 6802	Foundations of Commodities
CMDT 6682	Commodity Valuation and Investment
CMDT 6782	Commodity Data Analysis
ECON 5823	Econometrics II
ENTP 6824	Entrepreneurial Financial Management
FNCE 6340	Business Firm Valuation
FNCE 6360	Management of Financial Institutions
FNCE 6411	International Corporate Governance
FNCE 6420	Mergers and Acquisitions
FNCE 6480	Financial Modeling
MATH 5792	Probabilistic Modeling
Total Hours	12

There may be additional prerequisite courses for the ECON and/or MATH selections. Please check with those departments or the graduate advisors.

Total 30 credit hours