

Master of Science in Finance Curriculum Planner Financial Risk Management Track 2021-22

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CORE CURRICULAR REQUIREMENTS (24 CREDITS TOTAL)

Course Number	Course Title	Credits	Semester	Required for Degree
MGF 633	Investment Management	3	Fall one	Yes
MGF 661	Management of Financial Institutions	3	Fall one	Yes
MGF 685	International Finance Management	3	Fall one	Yes
MGF 635	Financial Derivatives	3	Spring	Yes
MGF 638	Fixed Income Securities	3	Spring	Yes
MGF 641	Financial Policies and Strategies	3	Spring	Yes
MGF 696	Portfolio Theory and Strategy	3	Fall two	Yes
	Capstone (select one)			
MGF 644	Supervised Research - Fixed Income	3	Fall two	Yes
	OR			
MGF 645	Supervised Research - Equities	3	Fall two	Yes

ELECTIVES (12 CREDIT TOTAL, at least two electives that are STEM designate)

Course Number	Course Title	Credits	Semester	Required for Track
MGF 637	Financial Modeling*	3	Refer to catalog	at least 2 stem electives
MGF 639	Security Trading*	3	Refer to catalog	at least 2 stem electives
MGF 675	Multinational Banking and Finance*	3	Refer to catalog	at least 2 stem electives
MGF 694	Financial Modeling Using "R"	3	Refer to catalog	at least 2 stem electives
MGA 604	Financial Analysis and Reporting	3	Refer to catalog	at least 2 electives
MGA 632	Financial Statement Analysis	3	Refer to catalog	at least 2 electives
MGF 634	Quantitative Methods in Finance	3	Refer to catalog	at least 2 electives
MGF 636	Complex Financial Instruments	3	Refer to catalog	at least 2 electives
MGE 602	Global Economics	3	Refer to catalog	at least 2 electives
MGE 692	Special Topics in Economics	3	Refer to catalog	at least 2 electives
MGF 632	Corporate Governance and Finance	3	Refer to catalog	at least 2 electives
MGF 646	Institutional Investing	3	Refer to catalog	at least 2 electives
MGF 657	Financial Innovation	3	Refer to catalog	at least 2 electives
MGF 658	M&A Strategy/Financing	3	Refer to catalog	at least 2 electives
MGF 687	Financial Technology (FinTech) Lab	3	Refer to catalog	at least 2 electives
MGF 691	Special Topics in Finance	3	Refer to catalog	at least 2 electives

*STEM elective

Summary

24 core credits + 12 elective credits for full degree = 36 credits

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ELECTIVES (12 CREDIT TOTAL)

PATH 1

Course Number	Course Title	Credits	Semester	Required for Track
MGS 613	Database Management Systems	3	Refer to catalog	Yes
MGS 614	Systems Analysis and Design	3	Refer to catalog	Yes
MGS 642	IS Auditing for IT Managers	3	Refer to catalog	Yes
MGS 650	Information Assurance	3	Refer to catalog	Yes

PATH 2

Course Number	Course Title	Credits	Semester	Required for Track
MGS 602	Global IT Infrastructure Management	3	Refer to catalog	Yes
MGS 613	Database Management Systems	3	Refer to catalog	Yes
MGS 650	Information Assurance	3	Refer to catalog	Yes
MGS 635	Digital Product Management	3	Refer to catalog	Yes
	OR			
MGS 625	Management of IT Projects	3	Refer to catalog	Yes

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MGS 635	Digital Product Management	3	Refer to catalog	Yes
	OR			
MGS 625	Management of IT Projects	3	Refer to catalog	Yes

PATH 3

Course Number	Course Title	Credits	Semester	Required for Track
MGS 655	Distributed Computing and Big Data Technologies	3	Refer to catalog	Yes
MGS 662	Optimization Methods for Machine Learning	3	Refer to catalog	Yes

Course Number	Course Title	Credits	Semester	Required for Track
MGS 613	Database Management Systems	3	Refer to catalog	Yes
MGS 616	Predictive Analytics	3	Refer to catalog	Yes

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