Master of Science in Finance: Financial Analytics

Course	Title	Credits
Foundation Requirements (up to 12 credits)		
Students with the appropriate background may be waived from these courses.		
GR 521	Managerial Statistics	3
GR 522	Economic Environment of the Firm	3
GR 524	Accounting for Decision-Making	3
GR 526	Calculus	3
Required Courses (24 credits)		
CS 605	Data Management and SQL for Analytics	3
FI 623	Investments	3
FI 625	Corporate Finance: Theory, Tools and Concepts	3
FI 631	Financial Modeling	3
FI 645	Derivatives	3
FI 774	Computational Finance	3
IPM 652	Managing with Analytics	3
ST 625	Quantitative Analysis for Business	3
Finance Elective (3 credits)		
Select one FI course at the 600-level or higher.		
Analytics Elective (3 credits)		
Select one CS, MA, or ST course at the 600-level or higher		
HF 800	User Experience Thesis	
non-HF elective courses 6 credits		
CS 602	Data-Driven Development With Python	
CS 603	Object-Oriented Application Development	
CS 607	Cybersecurity	
CS 703	Looking into the Future: Automation and Digital Technologies	
GBE 790	Global Business Experience	
GR 602	Business Process Management	
GR 603	Leading Responsibly	
IDCC 711	Argumentation Strategies for Business	
IPM 652	Managing with Analytics	
MG 632	Leading Effective Work Teams	
MG 635	Negotiating	
MG 645	Leading Change	
MG 646	Leading Technology-Based Organizations	
MG 651	Project Management	
MG 652	Strategic Innovation	
ST 625	Quantitative Analysis for Business	
ST 635	Intermediate Statistical Modeling for Business	

Student permitted to take both HF 710 Managing a User-Centered Design Team and HF 725 User Experience Leadership and Management and count one as an elective.

Please note: All course work must be completed within five years.