

Curriculum: Master of Science in Finance: Financial Analytics

MASTER OF SCIENCE IN FINANCE: FINANCIAL ANALYTICS

Effective Spring 2019
(30-42 credits)

Pre-Program Foundation Courses (12 credits)

<u>Course</u>	<u>Title</u>	<u>Prerequisite</u>
GR 521	Managerial Statistics	None
GR 522	Economic Environment of the Firm	None
GR 524	Accounting for Decision Making	None
GR 526	Calculus	None

Required Courses (24 Credits)

<u>Course</u>	<u>Title</u>	<u>Prerequisite</u>
FI 623	Investments	None
FI 625	Corporate Finance: Theory, Tools and Concepts	GR524
FI 631	Financial Modeling	FI625 or AC612
FI 645	Derivatives	Pre or Co-Req: FI623
FI 774	Computational Finance	GR526, FI623; Recommended: FI645
CS 605	Data Management and SQL for Analytics	None
IPM 652	Managing with Analytics	None
ST 625	Quantitative Analysis for Business	GR521

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.

ADVISING GUIDANCE

- All course prerequisites must be satisfied. Please note that the stated prerequisites of a course may also have a prerequisite that must be satisfied.
- GR500 and GR600 level courses are designated on the course schedule as “D”, “P”, or “AL”. The “D” section is reserved for students whose primary degree is Full-Time MBA and the “P” sections are reserved for all other MS and Part-Time MBA students. The “AL” section is reserved for Accelerated Online MBA students with a limited number of seats open to students in other programs.
- All course work must be completed within five years.