

STEM MASTER OF BUSINESS ADMINISTRATION: MAJOR IN FINANCIAL ANALYTICS

Effective September 2025
(36-48 Credits / 12-16 Courses)

Foundation Courses (0-18 Credits / 0-6 Courses)

<u>Course</u>	<u>Title</u>	<u>Prerequisite</u>
GR 521	Managerial Statistics	None
GR 522	Economic Environment of the Firm	None
GR 523	Marketing Management	None
GR 524	Accounting for Decision Making	None
GR 525	Financial Statement Analysis for Decision Making	GR 524 or AC 611
GR 526	Calculus	None

¹ Students may be waived from 4 Foundation Courses without being required to add Major elective courses. If 5 Foundation Courses are waived, 1 added Major course is required. If 6 Foundation Courses are waived, 2 added Major electives are required.

Core Courses (18 Credits / 6 Courses)

<u>Course</u>	<u>Title</u>	<u>Prerequisite</u>
CS 605	Data Management & SQL for Analytics	None
GR 601	Strategic IT Alignment	All Foundation Courses
GR 602	Business Process Management	All Foundation Courses
GR 603	Leading Responsibly	None
GR 604	Global Strategy	All Foundation Courses
GR 645	Law, Ethics & Social Responsibility	None

Financial Analytics Major (12 Credits / 4 Courses)

<u>Course</u>	<u>Title</u>	<u>Prerequisite</u>
FI 623	Investments	None
FI 650	Quantitative Investment Management	FI 623
FI 774	Computational Finance	GR 526 & FI 623
CS 655	Managing with Analytics	None

If additional course(s) are needed to reach 36 total credits, they can be selected from the two below:

FI 631	Financial Modeling	FI 625 or GR 525
--------	--------------------	------------------

FI 645	Derivatives	Pre- or Co- req: FI 623
--------	-------------	-------------------------

Academic Planner: Master of Business Administration

Major: Financial Analytics

This worksheet is intended to help you plan your course enrollments to be sure that they align with the Master of Business Administration, major in Financial Analytics curriculum. Use this worksheet along with Degree Works to track your progress toward program completion.

Please note in order to graduate students must:

- Complete all degree requirements within five years
- Earn a minimum of 2.7 cumulative GPA

Advising Guidance:

- Only foundation courses may be waived. Insert a "W" under the Waiver/Substitution column. Students may be waived from 4 Foundation Courses without being required to add electives. If 5 Foundation Courses are waived, 1 added Major elective is required. If 6 Foundation Courses are waived, 2 added Major electives are required.
- All course prerequisites must be satisfied. Please note that the stated prerequisites of a course may also have a prerequisite that must be satisfied.
- Refer to the [Graduate Catalogue](#) for guidance about when classes are typically offered.

Name:

Matriculation Date:

Bentley ID:

Anticipated Completion Date:

Course Number & Title	Credits	Summer	Fall	Spring	Waiver/Substitution
Foundation Courses (0-18 Credits / 0-6 Courses)					
GR 521 Managerial Statistics	3				
GR 522 Economic Environment of the Firm	3				
GR 523 Marketing Management	3				
GR 524 Accounting for Decision Making	3				
GR 525 Financial Statement Analysis	3				
GR 526 Calculus	3				
Core Courses (18 Credits / 6 Courses)					
CS 605 Data Management & SQL for Analytics	3				
GR 601 Strategic IT Alignment	3				
GR 602 Business Process Management	3				
GR 603 Leading Responsibly	3				
GR 604 Global Strategy	3				
GR 645 Law, Ethics & Social Responsibility	3				
Financial Analytics Major Courses (12 Credits / 4 Courses)					
FI 623 Investments	3				
FI 650 Quantitative Investment Management	3				
FI 774 Computational Finance	3				
CS 655 Managing with Analytics	3				
Elective Course(s) Due to Waivers (3-6 Credits / 1-2 Courses). ONLY if waived from 4 or 5 Foundation Courses.					
1.	3				
2.	3				
Total Credits:					

Notes: