

# Master of Science in Finance Analytics Major

This worksheet is intended to help you plan your course enrollments to be sure that they align with the Master of Science in Finance 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.
- If you received an FI substitution, you are required to make up the credits by taking any elective course at the 600 level or higher in FI, CS, EC, MA or ST.
- 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. Note that GR 526 is only available in the spring, so plan accordingly when scheduling FI 774.

Course	Title	Prerequisite
<b>Total</b>		30 - 42 credits · 10 - 14 courses
<b>Foundation Courses</b>		12 credits · 4 courses
GR 521	Managerial Statistics	None
GR 522	Economic Environment of the Firm	None
GR 524	Accounting for Decision-Making	None
GR 526	Calculus	None

<b>Required Courses</b>		24 credits · 8 courses
FI 623	Investments	None
FI 625	Corporate Finance: Theory, Tools & Concepts	GR 524
FI 631	Financial Modeling	GR 525 or FI 625
FI 645	Derivatives	Pre or Co-Req: FI 623
FI 774	Computational Finance	GR 526 & FI 623
CS 605	Data Management & SQL for Analytics	None
CS 655	Managing with Analytics	None
ST 625	Quantitative Analysis for Business	GR 521

<b>Finance Elective Courses</b>	3 credits · 1 course
One FI or FT courses at the 600-level or higher	

## Analytics Elective Courses

3 credits · 1 course

One CS, MA, or ST course at the 600-level or higher

# Master of Science in Finance Analytics

**Name:**

**Matriculation Date:**

**Bentley ID:**

**Anticipated Completion Date:**

Course Number & Title	Cr.	Summer	Fall	Spring	Note
<b>Foundation Courses</b>					12 credits · 4 courses
1. GR 521 Managerial Statistics	3				
2. GR 522 Economic Environment of the Firm	3				
3. GR 524 Accounting for Decision-Making	3				
4. GR 526 Calculus	3				
<b>Required Analytics Courses</b>					24 credits · 8 courses
1. FI 623 Investments	3				
2. FI 625 Corporate Finance: Theory, Tools & Concepts	3				
3. FI 631 Financial Modeling	3				
4. FI 774 Derivatives	3				
5. FI 774 Computational Finance	3				
6. CS 605 Data Management & SQL for Analytics	3				
7. CS 655 Managing with Analytics	3				
5. ST 625 Quantitative Analysis for Business	3				
<b>Finance Elective Courses</b>					3 credits · 1 course
1.	3				
<b>Analytics Elective Courses</b>					3 credits · 1 course
1.	3				
<b>Total Credits</b>					

**Note:**