

# Master of Science in Finance Finance & Technology

This worksheet is intended to help you plan your course enrollments to be sure that they align with the Master of Science in Finance: Finance & Technology 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.
- Students must complete all required prerequisites before taking a course, including any prerequisite sequences.
- MA courses are only offered in the fall and spring semesters. Refer to the [Graduate Catalogue](#) for guidance about when classes are typically offered. Note that GR 526 is only available in the spring.

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>		30 credits · 10 courses
CS 602	Data-Driven Development with Python	None
CS 605	Data Management and SQL for Analytics	None
FI 623	Investments	None
FI 645	Derivatives	Pre or Co-Req: FI 623
FI 723	Introduction to FinTech	
FI 730	Management of Financial Institutions	Pre-Req: GR 525, GR 525D, GR 525P, or FI 625. MSF students must take Pre or Co-Req: FI 625
FI 774	Computational Finance	GR 526 and FI 623
FI 751	International Financial Management	GR 525 or FI 625
FT 724	Blockchain Applications of Decentralized Finance	
FT 770	Investment Applications of Natural Language Processing	Pre-req: (CS 230 or CS 602) and (FI 306 or FI 623); excludes students who have completed FT 370
ST 625	Quantitative Analysis for Business	Pre-Req: GR 521, GR 521D, or GR 521P

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Name:

Matriculation Date:

Bentley ID:

Anticipated Completion Date:

Course Number & Title	Cr.	Summer	Fall	Spring	Note
<b>Foundation Courses</b>					9 credits · 3 courses
1. GR 521 Managerial Statistics	3				
2. GR 522 Economic Environment of the Firm	3				
3. GR 524 Accounting for Decision-Making	3				
<b>Required Courses</b>					30 credits · 10 courses
1. CS 602 Data-Driven Development with Python	3				
2. CS 605 Data Management and SQL for Analytics	3				
3. FI 623 Investments	3				
4. FI 645 Derivatives	3				
5. FI 723 Introduction to FinTech	3				
6. FI 730 Management of Financial Institutions	3				
7. FI 774 Computational Finance	3				
8. FI 751 International Financial Management	3				
9. FT 770 Blockchain Applications of Decentralized Finance	3				
10. ST 625 Quantitative Analysis for Business	3				
<b>Total Credits</b>					

Note: