

Master of Science in Accounting Analytics

This worksheet is intended to help you plan your course enrollments to be sure that they align with the Master of Science in Accounting 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 pre-program foundation courses may be waived.
- If you received a substitution for a course, you are required to make up the credits by taking an elective course listed under the concentration elective list.
- 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.

Course	Title	Prerequisite
Total		30 - 36 credits · 10 - 12 courses
Pre-Program Foundation Courses		6 credits · 2 courses
GR 521	Managerial Statistics	None
GR 524	Accounting for Decision-Making	None

Accounting Core Foundation Courses		12 credits · 4 courses
AC 611	Financial Reporting & Analysis	GR 524
AC 730	Business Processes & Controls Assessment	None
AC 770	Data Analytics for Accountants	GR 521 & GR 524
AC 793	Professional Judgement, Ethics & Decision Making	GR 524

Analytics Required Courses		15 credits · 5 courses
Four required courses:		
AC 777	Accounting Analytics in Practice	MA 705 or ST625 or AC 770 or AC 799A
CS 602	Data-Driven Development with Python	None
CS 605	Data Management and SQL for Analytics	None
CS 655	Managing with Analytics	None

Select one of the following:

AC 741	Financial Statement Audit	AC 611 & Pre or Co-Req AC 730
AC 742	Information Technology Auditing	AC 741 or AC 744
AC 744	Internal Audit	None

Electives Courses

3 credits · 1 courses

AC 701	Internship in Accounting Practice	3 AC courses at 600+ level
AC 721	Performance Management & Evaluation	GR 524
AC 731	Financial Information Systems	AC 730
AC 741	Financial Statement Audit	AC 611 & Pre or Co-Req AC730
AC 742	Information Technology Auditing	AC 741 or AC 744
AC 744	Internal Audit	None
CS 650	Data Analytics Architectures with Big Data	CS 602 & CS 605
CS 733	AI Techniques & Applications	CS 602
CS 753	Business Intelligence Methods & Technologies	CS 605
ETH 700	Ethical Issues in Corporate Life	None
FI 631	Financial Modeling	FI 625 or GR 525
HF 730	Visualizing Information	HFID Program Director Permission
HF 760	Intelligent User Interfaces	HFID Program Director Permission
MA 705	Data Science	Pre or Co-Req GR 521
MA 707	Introduction to Machine Learning	Pre or Co-Req ST 635 & MA 705 or CS 602
MG 635	Negotiating	None
MG 638	Corporate Governance	None
MG 651	Project Management	None
ST 625	Quantitative Analysis for Business	GR 521
ST 635	Intermediate Statistical Modeling for Business	ST 625

Master of Science in Accounting Analytics

Name:

Matriculation Date:

Bentley ID:

Anticipated Completion Date:

Course Number & Title	Cr.	Summer	Fall	Spring	Note
Pre-Program Foundation Courses					6 credits · 2 courses
1. GR 521 Managerial Statistics	3				
2. GR 524 Accounting for Decision-Making	3				
Core Foundation Courses					12 credits · 4 courses
1. AC 611 Financial Reporting & Analysis	3				
2. AC 730 Business Processes & Controls Assessment	3				
3. AC 770 Data Analytics for Accountants	3				
4. AC 793 Professional Judgment, Ethics & Decision Making	3				
Analytics Required Courses					15 credits · 5 courses
1. AC 741 Financial Statement Audit or AC 742 Information Technology Auditing or AC 744 Internal Audit	3				
2. AC 777 Accounting Analytics in Practice	3				
3. CS 602 Data Driven Development with Python	3				
4. CS 605 Management & SQL for Analytics	3				
5. CS 655 Managing with Analytics	3				
Electives Course					3 credits · 1 courses
1.	3				
Total Credits					

Note: