## MASTER OF SCIENCE IN ACCOUNTING ANALYTICS
### *Effective September 2025*
### (30 – 36 Credits / 10-12 Courses)

### Pre-Program Foundation Courses
### (6 Credits / 2 Courses)

| Course | Title | Prerequisite |
|---|---|---|
| GR 521 | Managerial Statistics | None |
| GR 524 | Accounting for Decision Making | None |

### Accounting Core Foundation Courses
### (12 Credits / 4 Courses)

Students who have completed equivalent coursework to the *Accounting Core Foundation* may substitute electives for these courses. Course equivalency is evaluated during the admission process and students are notified with their admission letter.

| Course | Title | Prerequisite |
|---|---|---|
| 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 Judgment, Ethics & Decision Making | GR 524 |

### Analytics Required Courses
### (15 Credits / 5 Courses)

**Four required courses:**

| Course | Title | Prerequisite |
|---|---|---|
| AC 777 | Accounting Analytics in Practice | MA 705 or ST 625 or AC 770 or AC 799A |
| CS 602 | Data-Driven Development with Python | None |
| CS 605 | Data Management & SQL for Analytics | None |
| CS 655 | Managing with Analytics | None |

**Select one of the following:**

| Course | Title | Prerequisite |
|---|---|---|
| AC 741 | Financial Statement Audit | AC 611 & Pre or Co-Req AC 730 |
| AC 742 | Information Technology Audit | AC 741 or AC 744 |
| AC 744 | Internal Audit | None |

| Elective Courses (3 Credits / 1 Course) | | |
|---|---|---|
| **Select one of the following:** | | |
| **Course** | **Title** | **Prerequisite** |
| AC 701 | Internship in Accounting Practice | 3 AC courses at 600+ level |
| AC 721 | Performance Management and Evaluation | GR 524 |
| AC 731 | Financial Information Systems | AC 730 |
| AC 741 | Financial Statement Audit | AC 611 & Pre or Co-Req AC 730 |
| AC 742 | Information Technology Audit | 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 |

# Academic Planner: Master of Science in Accounting

## Major: 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. Insert a "W" under the Waiver/Substitution column.
- 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 (refer to the program guide above). Insert the new course number under the Waivers/Substitution column and the same row as the substituted course.
- 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:

Bentley ID:

Matriculation Date:

Anticipated Completion Date:

| Course Number & Title | Credits | Summer | Fall | Spring | Waiver/Substitution |
|---|---|---|---|---|---|
| **Pre-Program Foundation Courses (6 Credits / 2 Courses)** | | | | | |
| GR 521 Managerial Statistics | 3 | | | | |
| GR 524 Accounting for Decision Making | 3 | | | | |
| **Core Foundation Courses (12 Credits / 4 Courses)** | | | | | |
| AC 611 Financial Reporting & Analysis | 3 | | | | |
| AC 730 Business Processes & Controls Assessment | 3 | | | | |
| AC 770 Data Analytics for Accounting | 3 | | | | |
| AC 793 Professional Judgment, Ethics & Decision Making | 3 | | | | |
| **Analytics Required Courses (15 Credits / 5 Courses)** | | | | | |
| AC 741, AC 742, or AC 744 | 3 | | | | |
| AC 777 Accounting Analytics in Practice | 3 | | | | |
| CS 602 Data Driven Development with Python | 3 | | | | |
| CS 605 Management & SQL for Analytics | 3 | | | | |
| CS 655 Managing with Analytics | 3 | | | | |
| **Elective Courses (3 Credits / 1 Course)** | | | | | |
| | 3 | | | | |
| **Total Credits:** | | | | | |

| Notes: |
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