

Curriculum: Master of Science in Accounting

MASTER OF SCIENCE IN ACCOUNTING

INFORMATION SYSTEMS

Effective September 2022

(30-36 credits)

Pre Program Foundation Courses

(9 credits)

<u>Course</u>	<u>Title</u>	<u>Prerequisite</u>
GR 521	Managerial Statistics	None
GR 524	Accounting for Decision Making	None

Accounting Core Foundation Courses

(12 Credits)

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.

<u>Course</u>	<u>Title</u>	<u>Prerequisite</u>
AC 611	Financial Accounting I	None
AC 730	Business Processes & Controls Assessment	None
AC 793	Ethics, Judgment and Decision Making	AC611
AC 799A	Data Analytics for Accounting	GR521 & GR524

Information Systems Concentration Required Courses

(12 Credits)

<u>Course</u>	<u>Title</u>	<u>Prerequisite</u>
AC 742	Information Technology Audit	AC741 or AC744
AC 731	Financial Information Systems	AC730
CS 605	Data Management & SQL for Analytics	None
IPM 740	Enterprise Systems Planning and Configuration	GR602 or AC730

Elective Courses

(9 Credits)

Select a minimum of 2 courses

<u>Course</u>	<u>Title</u>	<u>Prerequisite</u>
AC 701	Internship in Accounting Practice	3 AC courses
AC 744	Internal Audit	None
CS 602	Data Driven Development with Python	None
CS 607	Cybersecurity	None
CS 650	Data Analytics Architectures with Big Data	CS602 and CS605
CS 733	AI Techniques and Applications	CS602
CS 753	Business Intelligence Methods and Techniques	CS605
FI 631	Financial Modeling	FI625 or GR525
HF 760	Intelligent User Interfaces	HFID Program Director Permission
IPM 723	Information Security, Controls and Ethics	None
MA 705	Data Science	Pre or Co-Req GR521
MG 651	Project Management	None

ADVISING GUIDANCE

- All course work must be completed within five years.
- All course prerequisites must be satisfied. Please note that the stated prerequisites of a course may also have a prerequisite that must be satisfied.