MASTER OF SCIENCE IN DIGITAL INNOVATION
Effective September 2019
(33-36 Credits)

Pre Program Foundation Courses
(3 credits)

Course	Title	Prerequisite
GR 521	Managerial Statistics	None

Required Courses
(21 Credits)

Course	Title	Prerequisite
ST 625	Quantitative Analysis for Business	GR521
IPM 652	Managing with Analytics	None
CS 602†	Data-Driven Development with Python	None
CS 605	Data Management & SQL for Analytics	None
CS 607	Cybersecurity	None
CS 610	Enterprise Architecture	None
CS 620	Software Project Management	CS602, CS605, and CS610

CS Electives
(6 Credits)

Course	Title	Prerequisite
CS 603	Algorithmic Thinking with Java	None
CS 612	Cloud-Based Enterprise Applications	CS602 or CS603, and CS605
CS 650	Data Analytics Architectures with Big Data	CS602 and CS605
CS 680	Mobile Application Development	CS603 and Pre or Co-Req: CS605
CS 703	Looking into the Future: Automation & Digital Technologies	None
CS 733	Artificial Intelligence Techniques & Applications	CS602 and CS605
CS 753	Business Intelligence Methods & Technologies	CS605
CS 795	Special Topics Seminar	Varies with content
CS 881	MSDI Internship	CS602 and CS605

Unrestricted Electives
(6 Credits)

Select any two McCallum Graduate School courses at the 600-level or higher.

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.
- GR500 and GR600 level courses are designated on the course schedule as "D", "P", or "AL". The "D" section is reserved for students whose primary degree is Full-Time MBA and the "P" sections are reserved for all other MS and Part-Time MBA students. The "AL" section is reserved for Accelerated Online MBA students with a limited number of seats open to students in other programs.
- All courses are 3 credits unless otherwise noted.
- † Students who have completed comparable coursework may be eligible to waive CS 602.
- A minimum of twenty-one CS credits must be included in one's total program.