

**APPLIED DATA ANALYTICS MASTER OF SCIENCE
DEGREE REQUIREMENT CHECKSHEET
2024-2025 BULLETIN**

PROGRAM REQUIREMENTS (30 hours)

Required Courses (24 credit hours)

_____	CISA 5320	Critical Thinking in Data Analytics
_____	CISA 5330	Prescriptive Analytics
_____	CISA 5380	Business Intelligence and Data Visualization
_____	CISA 5381	Data Mining and Applied Analytics
_____	CISA 6325	Predictive Analytics
_____	CISA 6335	Python for Data Analytics
_____	CISA 6364	SQL for Data Analytics
_____	CISA 6365	Data Management

Electives: take two of the following (6 credit hours)

_____	MBA 6301	Information Technology for Managers
_____	ACCT 6320	Seminar in Accounting Information Systems
_____	CISA 5355	Project Management Leadership
_____	CISA 5379	Data Visualization
_____	CISA 6340	Simulation and Modeling in Data Analytics
_____	CISA 6355	Information Technology Project Management
_____	CISA 6370	Applied Data Analytics Project*
_____	CISA 6V71	Special Topics in Data Analytics
_____	CISA 6V82	Internship in Data Analytics†
_____	CISA 6383	Data Mining II

† Internship must be in Data Analytics and approved by the Program Coordinator

* Capstone course must be taken in the final semester prior to graduation

Notes:

The program prerequisite is an undergraduate statistics course (CISA 2330 Business Statistics or equivalent)