

**DEGREE REQUIREMENT CHECKSHEET  
2022-2023 BULLETIN  
MASTER OF SCIENCE IN APPLIED DATA ANALYTICS**

**PROGRAM REQUIREMENTS (30 hours)**

**REQUIRED COURSES: (24 hours)**

|       |           |   |
|-------|-----------|---|
| _____ | CISA 5320 | <b>(3 hours)</b> Critical Thinking & Experimental Design    |
| _____ | CISA 5330 | <b>(3 hours)</b> Prescriptive Analytics                     |
| _____ | CISA 5380 | <b>(3 hours)</b> Business Intelligence & Data Visualization |
| _____ | CISA 5381 | <b>(3 hours)</b> Data Mining & Applied Analytics            |
| _____ | CISA 6325 | <b>(3 hours)</b> Predictive Analytics                       |
| _____ | CISA 6335 | <b>(3 hours)</b> Python for Data Analytics                  |
| _____ | CISA 6365 | <b>(3 hours)</b> Data Management                            |
| _____ | CISA 6370 | <b>(3 hours)</b> Applied Data Analytics Project *           |

**CHOOSE TWO OF THE FOLLOWING COURSES: (6 hours)**

|       |           |  |
|-------|-----------|--|
| _____ | MBA 6301  | <b>(3 hours)</b> Information Technology for Managers       |
| _____ | ACCT 6320 | <b>(3 hours)</b> Seminar in Accounting Information Systems |
| _____ | CISA 5355 | <b>(3 hours)</b> Project Management Leadership             |
| _____ | CISA 6V71 | <b>(variable credit)</b> Special Topics in Data Analytics  |
| _____ | CISA 6V82 | <b>(variable credit)</b> Internship in Data Analytics †    |

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

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

Notes:

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