M.S. Information Technology, Data Science Concentration

Admission Requirements

Students must meet the CSU requirements for admission to a master's degree program. Please consult the Graduate Admissions section in this catalog for complete information. In addition, applicants will be evaluated based on the following: Minimum of 2 years of practical experience in a functional area of business; a minimum average score of 530 on the GMAT or a total scaled score of 530 on the GRE; submission of an essay explaining why they would be a good candidate for the program is required; and successful passage of a phone or facetoface interview designed to assess their level of technology knowledge, skills and abilities to be an online learner. For international students, a TOEFL score of 570 on the paper exam is required.

Core Courses (15 Units)

The following are the core courses for the degree. IMPORTANT: students must obtain department approval to enroll in either ISDS 540 or ISDS 505, and either ISDS 415 or ISDS 557.

- ISDS 551 Info Resources and IT Project Management
- ISDS 555 Business Databases: Design & Processing
- ISDS 556 Data Warehousing and Foundations of Business Intelligence
- ISDS 505 Programming Concepts for Information Technology
  Or
- ISDS 540 Statistics for Data Science
- ISDS 415 Principles of Business Intelligence
  Or
- ISDS 557 Issues in Business Information Technology

Concentration Courses (12 Units)

The following are the courses for Data Science Concentration.

- ISDS 462 Applied Business Regression Analysis
- ISDS 526 Forecasting for Analytical Decision Making
- ISDS 570 Business Data Transformation
- ISDS 574 Data Mining for Business Appl

Capstone Course (3 Units)

The capstone course must be taken in the last semester.

- ISDS 577 Seminar in Information Systems Implementation