

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 face-to-face 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