

DATA MANAGEMENT CERTIFICATE

Data Management (DM) is the practice of managing data-related issues for an organization. Data management practitioners seek to optimize the design, storage, and use of organizational data.

Data Management Certificate Requirements

The certificate in Data Management is open to anyone with an associate's or bachelor's degree in IT. UNO students enrolled in the Division of Continuing Studies' Bachelor of Multidisciplinary Studies degree program with an IT-related concentration and students in any of the College of IS&T undergraduate degree programs are also eligible to enroll in this certificate program.

Students are responsible for completing the prerequisites for all courses taken for the Data Management Certificate.

Prerequisite Courses

Code	Title	Credits
CIST 2500	INTRODUCTION TO APPLIED STATISTICS FOR IS&T	3
CIST 2100	ORGANIZATIONS, APPLICATIONS AND TECHNOLOGY	3
or MGMT 3100	MANAGEMENT INFORMATION SYSTEMS	

Requirements

Code	Title	Credits
15 Hours Required		
All of the following		12
ISQA 3310	MANAGING THE DATABASE ENVIRONMENT	
ISQA 4200	INFORMATION AND DATA QUALITY MANAGEMENT	
ISQA 4300	DATABASE ADMINISTRATION	
ISQA 4890	DATA WAREHOUSING AND DATA MINING	
Select one of the following:		3
ISQA 4380	DISTRIBUTED TECHNOLOGIES AND SYSTEMS	
ISQA 4730	DECISION SUPPORT SYSTEMS	