

# DATA MANAGEMENT CERTIFICATE

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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.

The certificate in Data Management is open to anyone with an associate 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 (or equivalent)	3
Introduction to Management Information Systems:		
CIST 2100	ORGANIZATIONS, APPLICATIONS AND TECHNOLOGY (or test-out exam)	3
or MGMT 3100	MANAGEMENT INFORMATION SYSTEMS	

## Requirements

Code	Title	Credits
<b>Core Courses</b>		
ISQA 3310	MANAGING THE DATABASE ENVIRONMENT	3
ISQA 4200	INFORMATION AND DATA QUALITY MANAGEMENT	3
ISQA 4300	DATABASE ADMINISTRATION	3
ISQA 4890	DATA WAREHOUSING AND DATA MINING	3
<b>Elective Course</b>		
Select one of the following:		3
ISQA 4380	DISTRIBUTED TECHNOLOGIES AND SYSTEMS	
ISQA 4730	DECISION SUPPORT SYSTEMS	
<b>Total Credits</b>		<b>15</b>