

DATA MANAGEMENT CERTIFICATE

Division: Business and Computer Information Systems

PROGRAM CODE: 1C40985

The **Data Management Certificate** helps prepare students for employment or further study in the Data Management and Sciences field. Data Sciences is the identification, analyses and interpretation of volumes of data that are collected from a wide variety of sources. Students will learn to identify patterns and relationships in large data sets, to resolve business questions and make data-driven decisions. To earn a certificate, complete the required courses as listed with a grade of C or better. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 16 units.

Code	Title	Units
Required Courses are listed in suggested sequence (16-19 units):		
CIS 142 C	Database-Access for Windows	3
CIS 236 C	Introduction to Oracle - SQL and PL and SQL	3
CIS 190 C	IT and Cybersecurity Funds	4
CIS 274 C	IT Project Management	3
COUN 151 C	Career and Life Planning	3
Total Units		16

Program Student Learning Outcomes:

OUTCOME 1: Participating in this program teaches a student practical skill that can lead to a career as an Information Systems professional in industries such as management of companies and enterprises, insurance carriers, technical and management consulting services, computer systems design and related services, and depository credit intermediation. Careers include Business Analytics Specialist, Business Intelligence (BI) Engineer, Data Analyst, Data Visualization Developer, Operations Research Analyst, and Market Research Analyst.

https://www.curricunet.com/Cypress/reports/program_report.cfm?programs_id=1634