

Database Administration and Data Warehousing, Certificate of Proficiency

The Certificate of Proficiency in Database Administration and Data Warehousing allows employees who do not have a degree to obtain a credential to advance their career prospects. It also allows those individuals who earned degrees outside the computing fields to obtain a credential in Database Administration and Data Warehousing to increase their value to their current or future employers.

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		18
Discipline Core Requirements		12 Credits
Complete the following:		
INFO 2410	Database Fundamentals	3
INFO 3410	Database Systems and Warehousing	3
INFO 4410	Database Administration	3
CYBR 4250	Database Security and Auditing	3
Elective Requirements		6 Credits
Choose 6 credits from the following courses:		
INFO 3130	Introduction to Applied Data Analytics (3)	3
INFO 4120	Data Visualization (3)	3
CS 3720	Database Programming (3)	3

Graduation Requirements

1. Completion of a minimum of 18 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours: minimum of 9 credit hours through course attendance at UVU.

Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (<http://www.uvu.edu/wolverinetrack/>).

First Year		Credit Hours
Semester 1		
INFO 2410	Database Fundamentals	3
Credit Hours		3
Semester 2		
INFO 3130	Introduction to Applied Data Analytics	3
INFO 3410	Database Systems and Warehousing	3
Credit Hours		6
Second Year		
Semester 3		
INFO 4120	Data Visualization	3
INFO 4410	Database Administration	3
Credit Hours		6
Semester 4		
CYBR 4250	Database Security and Auditing	3
Credit Hours		3
Total Credit Hours		18

Program Learning Outcomes

1. Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Develop foundational skills necessary to install, configure, and administer modern relational and NoSQL databases.