

Database Administration and Data Warehousing, Certificate of Proficiency

Requirements

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.

Total Program Credits: 18

Matriculation Requirements:		
Prerequisites may be fulfilled through successful completion of courses listed or by successfully passing challenge exams in areas where challenge exams exist. Statistics Prerequisite (if select INFO 3130 as elective)		
<ul style="list-style-type: none"> • STAT 2050 Introduction to Statistical Methods (4.0) or • MGMT 2340 Business Statistics I (3.0) or • STAT 1040 Introduction to Statistics (3.0) or • STAT 1045 Introduction to Statistics with Algebra (3.0) or • STAT 2040 Principles of Statistics (3.0) or • BESS 3010 Statistics for the Behavioral Sciences 		
Database Prerequisite (if select CS 3720 and CS 4100 as electives)		
<ul style="list-style-type: none"> • CS 3520 Database Theory (3.0) or • CS 3250 Java Software Development (3.0) or • CS 3260 CsharpNET Software Development (3.0) 		
Discipline Core Requirements:		12 Credits
INFO 2410	Database Fundamentals	3
INFO 3410	Database Systems and Warehousing	3
INFO 4410	Database Administration	3
INFO 4415	Data Science and Big Data Analytics	3
Elective Requirements:		6 Credits
Choose 6 credits from the following courses:		6
INFO 3130	Introduction to Applied Data Analytics (3.0)	
INFO 4120	Business Intelligence Systems (3.0)	
CS 3270	Database Programming (3.0)	
CS 4100	Database Management System Construction (3.0)	

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.

Database Administration and Data Warehousing, Certificate of Proficiency 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](#).

Milestone courses (pre-requisites for a course in one of the subsequent semesters) are marked in red and Italicized.

Semester 1	Course Title	Credit Hours
<i>INFO 2410</i>	Database Fundamentals	3
	Semester total:	3
Semester 2	Course Title	Credit Hours
<i>INFO 3130</i>	Introduction to Applied Data Analytics	3
INFO 3410	Database Systems and Warehousing	3
	Semester total:	6
Semester 3	Course Title	Credit Hours
INFO 4120	Business Intelligence Systems	3
INFO 4130	Data Science and Big Data Analytics	3
Elective	Elective	3
	Semester total:	9
	Degree total:	18