Data Analytics, Certificate of Proficiency

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

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		**18**
Discipline Core Requirements		**15 Credits**
Complete the following:		
INFO 2410	Database Fundamentals	3
INFO 3130	Introduction to Applied Data Analytics	3
INFO 3410	Database Systems and Warehousing	3
INFO 4120	Data Visualization	3
INFO 4130	Data Science and Big Data Analytics	3
Elective Requirements		**3 Credits**
Choose 3 credits from the following courses:		3
CS 4620	Data Mining (3)	
DGM 3750	Media Analytics (3)	
INFO 4410	Database Administration (3)	
CYBR 4150	Data Security Analytics (3)	
MKTG 3690	Digital Marketing Analytics (3)	
MKTG 4610	Sales Operations (3)	
STAT 4100	Design of Experiment (3)	
STAT 4200	Survey Sampling (3)	
BIOL 3100	Introduction to Data Analysis for Biologists (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		
Semester 1		**Credit Hours**
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 4130	Data Science and Big Data Analytics	3

Elective	3
Credit Hours	**9**
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 produce computer models, analyses, and visualizations that meet business needs.