

Data Analytics, Certificate of Proficiency

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Requirements

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.

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 Prerequisites:		
<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 • BESC 3010 Statistics for the Behavioral Sciences (4.0) • Other CS, DGM, IT, or Marketing Prerequisites (depending on elective) 		
Discipline Core Requirements:		15 Credits
INFO 2410	Database Fundamentals	3
INFO 3130	Introduction to Applied Data Analytics	3
INFO 3410	Database Systems and Warehousing	3
INFO 4120	Business Intelligence Systems	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 (3.0)	
DGM 3750	Media Analytics (3.0)	
INFO 4135	Data Security Analytics (3.0)	
INFO 4410	Database Administration (3.0)	
MKTG 3690	Web Analytics and Digital Advertising (3.0)	
MKTG 4610	Sales Operations (3.0)	
STAT 4100	Design of Experiment (3.0)	
STAT 4200	Survey Sampling (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.

Data Analytics, 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
<i>INFO 3410</i>	Database Systems and Warehousing	3
	Semester total:	6
Semester 3	Course Title	Credit Hours
<i>INFO 4120</i>	Business Intelligence Systems	3
<i>INFO 4130</i>	Data Science and Big Data Analytics	3
Elective	Elective	3
	Semester total:	9
	Degree total:	18