

## Data Analytics, Certificate of Proficiency

### 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.		
<ul style="list-style-type: none"> <li>• STAT 2050 Introduction to Statistical Methods (4.0) or</li> <li>• MGMT 2340 Business Statistics I (3.0) or</li> <li>• STAT 1040 Introduction to Statistics (3.0) or</li> <li>• STAT 1045 Introduction to Statistics with Algebra (3.0) or</li> <li>• STAT 2040 Principles of Statistics (3.0) or</li> <li>• BESC 3010 Statistics for the Behavioral Sciences</li> <li>• Other CS, DGM, IT, or Marketing Prerequisites (depending on elective)</li> </ul>		
Discipline Core Requirements:		15 Credits
<a href="#">INFO 2410</a>	Database Fundamentals	3
<a href="#">INFO 3130</a>	Introduction to Applied Data Analytics	3
<a href="#">INFO 3410</a>	Database Systems and Warehousing	3
<a href="#">INFO 4120</a>	Business Intelligence Systems	3
<a href="#">INFO 4130</a>	Data Science and Big Data Analytics	3
Elective Requirements:		3 Credits
Choose 3 credits from the following courses:		3
<a href="#">CS 4620</a>	Data Mining (3.0)	
<a href="#">DGM 3750</a>	Media Traffic and Analytics (3.0)	
<a href="#">INFO 4135</a>	Data Security Analytics (3.0)	
<a href="#">INFO 4410</a>	Database Administration (3.0)	
<a href="#">MKTG 3690</a>	Advanced Digital Marketing and Analytics (3.0)	
<a href="#">MKTG 4610</a>	Sales Analytics (3.0)	
<a href="#">STAT 4100</a>	Design of Experiment (3.0)	
<a href="#">STAT 4200</a>	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
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