Fall 2025 Catalog Year

Certificate of Proficiency
Data Analytics

Course No.	Course Title	Prerequisites	Cred	Sem
Discipline Core Requirements				
INFO 2410	Database Fundamentals	INFO 1120 or IM 2010 recommended	3	Fa/ Sp/ Su
INFO 3130	Introduction to Applied Data Analytics	(MGMT 2340 or STAT 1040 or STAT 1045 or STAT 2040 or STAT 2050 or PSY 3110), basic knowledge of Microsoft Excel, or Dept. Approval, UAS	3	Fa/ Sp/ Su
INFO 3410	Database Systems and Warehousing	INFO 2410 or CS 3520 w/ grade C- or better, UAS	3	Fa/ Sp/ Su
INFO 4120	Data Visualization	INFO 2410, UAS, INFO 3130 recommended	3	Fa/ Sp
INFO 4130	Data Science and Big Data Analytics	INFO 3130, UAS	3	Fa/ Sp
Choose 3 credits from the following courses:				
BIOL 3100	Introduction to Data Analysis for Biologists	UAS	3	Fall
CS 4620	Data Mining	CS 3520 and University Advanced Standing	3	Not Offered
DGM 3750	Media Analytics	Instructor Approval, UAS	3	Not offered
INFO 4410	Database Administration	(INFO 2410 or CS 3520), UAS	3	Fa/ Sp
CYBR 4150	Data Security Analytics	CYBR/IT 2700, INFO 2410, UAS, (INFO 3130 & INFO 3410 recommended)	3	Fa/ Sp
MKTG 3690	Digital Marketing Analytics	UAS	3	Fa/Sp
MKTG 4610	Sales Operations	UAS, MKTG 3600 recommended	3	Fa/Sp
STAT 4100	Design of Experiment	MATH 2040 or STAT 2050, UAS	3	Spring
STAT 4200	Survey Sampling	MATH 2040 or STAT 2050, UAS	3	Fall/odd yr
One-Year Certificate Total Credits Required			**18**	
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.			

NOTES: Not all courses are taught every semester.
The UVU catalog contains the descriptions and prerequisites for all courses.

Fall 2025 Catalog Year

Certificate of Proficiency
Database Administration and Data Warehousing

Course No.	Course Title	Prerequisites	Cred	Sem
Discipline Core Requirements				
INFO 2410	Database Fundamentals	INFO 1120 or IM 2010 recommended	3	Fa/ Sp/ Su
INFO 3410	Database Systems and Warehousing	INFO 2410 or CS 3520 w/ grade C- or better, UAS	3	Fa/ Sp/ Su
INFO 4410	Database Administration	(INFO 2410 or CS 3520), UAS	3	Fa/ Sp
CYBR 4250	Database Security and Auditing	(INFO 3410 or CYBR/IT 3700), UAS	3	Spring
Choose 6 credits from the following courses:				
INFO 3130	Introduction to Applied Data Analytics	(STAT 2050 or MGMT 2340 or MATH 1040 or MATH 2040 or BESC 3010), and basic knowledge of Microsoft Excel, UAS	3	Fa/Sp
INFO 4120	Data Visualization	INFO 3120 or INFO 3130; UAS (INFO 2410 recommended)	3	Fa/Sp
CS 3720	Database Programming	CS 3520, UAS	3	On demand
One-Year Certificate Total Credits Required			**18**	
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.			

NOTES: Not all courses are taught every semester.
The UVU catalog contains the descriptions and prerequisites for all courses.