

MASTER OF APPLIED STATISTICS, PLAN C, DATA SCIENCE SPECIALIZATION

Requirements Effective Fall 2021

Code	Title	Credits
Required Courses		
CIS 605	Business Visual Application Development	3
CIS 655	Business Database Systems	3
STAA 551	Regression Models and Applications	2
STAA 552	Generalized Regression Models	2
STAA 553	Experimental Design	2
STAA 555/STAT 555	Statistical Consulting Skills	1
STAA 556	Statistical Consulting	2
STAA 561	Probability with Applications	2
STAA 562	Mathematical Statistics with Applications	2
STAA 565	Quantitative Reasoning	1
STAA 577	Statistical Learning and Data Mining	2
STAA 578	Machine Learning	2
Select from the following:		3
STAA 566	Data Visualization Methods	
STAA 567	Computational and Simulation Methods	
STAA 572	Nonparametric Methods	
STAA 573	Analysis of Time Series	
Select from the following electives:		3-4
CIS 570	Business Intelligence	
CIS 575	Applied Data Mining and Analytics in Business	
STAA 554	Mixed Models	
STAA 574	Methods in Multivariate Analysis	
STAA 575	Applied Bayesian Statistics	
Program Total Credits:		30-31

A minimum of 30 credits are required to complete this program.