

STATISTICS (MS)

Code	Title	Units
REQUIRED COURSES		
STAT 4610	Probability Theory	3
STAT 4620	Statistical Theory	3
STAT 5530	Generalized Linear Models	3
STAT/DATA 5550	Statistical Learning with R	3
STAT 5566	Graduate Consulting Practicum	2
STAT 5590	Graduate Seminar in Statistics	2
STAT 5599	Thesis	5
Approved Electives		
Select from the following: ¹		9
CSC 5666	Advanced Machine Learning	
DATA 4610	Fundamentals of Machine Learning	
DATA 4620	Foundations and Applications of Deep Learning	
DATA 4632	Graph Mining	
STAT 4366	Statistical Communication, Collaboration, and Consulting	
STAT 4750	Bayesian Reasoning and Methods	
STAT 4760	Statistical Analysis of Time Series	
STAT 4770	Survival Analysis Methods	
STAT 4780	Categorical Data Analysis	
STAT 4790	Applied Multivariate Statistics	
STAT/DATA 4810	SAS Certification Preparation: Base Programming	
STAT/DATA 4820	SAS Certification Preparation: Advanced Programming	
STAT 5500	Independent Study	
STAT 5570	Special Advanced Topics	
STAT 5710	Applied Stochastic Processes	
STAT 5740	Advanced Design and Analysis of Experiments	
Total Units		30

¹ A minimum of 3 units must be at the 5000 level.