

MS in Applied Statistics Tentative Course Schedule

	Fall 2021	Winter 2021/22	Spring 2022	Sum 1 2022	Sum II 2022
STA 501 – Methodologies in Applied Statistics					
STA 503 – Introduction to R	√				
STA 504 – Mathematics Statistics I with Calculus Review	√				
STA 505 – Mathematical Statistics I	√				
STA 506 – Mathematical Statistics II			√		
STA 507 – Categorical Data Analysis	√				
STA 511 – Introduction to Statistical Programming	√				
STA 512 – Principles of Experimental Analysis			√		
STA 513 – Intermediate Linear Models	√				
STA 514 – Modern Experimental Design and Sampling Methods			√		
STA 531 – Topics in Applied Statistics – Advanced Topics					√
STA 532 – Survival Analysis					
STA 533 – Longitudinal Data Analysis			√		
STA 534 – Time Series					
STA 535 – Multivariate Data Analysis					
STA 536 – Data Mining				√	
STA 537 – Advanced SAS Programming		√			
STA 538 – Statistical Programming Using R					
STA 539 – Applied Bayesian Methods					
STA 540 – Statistical Consulting					
STA 541 – Categorical Data Analysis II					
STA 542 – Statistical Methods for Observational Studies					
STA 543 – Statistical Methods in Business and Finance					
STA 544 – Applied Marketing Analytics					
STA 545 – Statistical issues in Clinical Trials					
STA 551 – Foundations of Data Science	√				
STA 552 – Applied Statistical Machine Learning					
STA 553 – Data Visualization and Infographics			√		