

## MS in Applied Statistics

### Tentative Course Schedule Fall 2019 – Spring 2021

	Fall 2019	Winter 2019/20	Spring 2020	Summer 1 2020	Summer II 2020	Fall 2020	Winter 2020/21	Spring 2021
STA 501 – Methodologies in Applied Statistics								✓
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 in Applied Statistics				✓				
STA 531 –Topics in Applied Statistics – Statistical Methods in Clinical Trials								✓
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						✓		