

M.S. IN APPLIED STATISTICS - BUSINESS AND MARKETING ANALYTICS CONCENTRATION

College of the Sciences and Mathematics

Curriculum

Code	Title	Credits
Required		
STA 503	Introduction to R	1
STA 505 or STA 504	Mathematical Statistics I Mathematical Statistics I with Calculus Review	3-4
STA 506	Mathematical Statistics II	3
STA 507	Introduction to Categorical Data Analysis	3
STA 511	Intro Stat Computing & Data Management	3
STA 512	Principles of Experimental Analysis	4
STA 513	Intermediate Linear Models	4
STA 514	Modern Experimental Design	3
Electives		
Select 9 credits from the following list of electives (other STA electives may be substituted with permission of the Program Director):		9
STA 534	Time Series	
STA 535	Multivariate Data Analysis	
STA 536	Data Mining	
STA 537	Advanced Statistical Programming Using SAS	
STA 538	Statistical Programming Using R	
STA 543	Statistical Methods in Business and Finance	
STA 544	Applied Marketing Analytics	
STA 601	Internship In Applied Statistics	
STA 609	Thesis I	
STA 610	Thesis II	
Total Minimum Credits Required		33