

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

*College of the Sciences and Mathematics*

## Curriculum

Code	Title	Credits
<b>Required</b>		
STA 503	Introduction to R	1
STA 505	Mathematical Statistics I	3-4
or STA 504	Mathematical Statistics I with Calculus Review	
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
<b>Electives</b>		
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	
<b>Total Minimum Credits Required</b>		<b>33</b>