

# POST-MASTER'S CERTIFICATE OF ADVANCED STUDY IN APPLIED STATISTICS

*College of the Sciences and Mathematics*

## Curriculum

Code	Title	Credits
<b>Required Courses</b>		<b>12</b>
Students must take four classes from the following list <sup>1</sup>		
STA 531	Topics In Applied Statistics	
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 Statistical Programming Using SAS	
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	
<b>Total Minimum Credits Required</b>		<b>12</b>

<sup>1</sup> Selected courses must be different than courses already taken as part of preexisting Master's degree. Additional courses may be selected, or exceptions made, at the discretion of the Program Director.