MASTER OF SCIENCE IN MATHEMATICS, APPLIED STATISTICS TRACK NON-THESIS (MS)

Major Curriculum - Applied Statistics

Code	Title	Semester Credit Hours
Required Courses		
MATH 5305	Real Analysis I	3
MATH 5320	Complex Variables I	3
MATH 5330	Abstract Algebra I	3
MATH 5365	Topology	3
MATH 5375	Probability	3
Elective Mathematics (MATH) Courses		
Select two Mathematics courses at the 5000 level		6
Required Statistics (STAT) Courses		
STAT 5390	Case Seminar in App Stats	3
Elective Statistics (STAT) Courses		
Select two courses from the following:		6
STAT 5300	Categorical Data Analysis	
STAT 5305	Applied Data Analysis	
STAT 5310	Stat Methods for Clin Trials	
STAT 5340	Quality Control & Improvement	
STAT 5341	Applied Multivariate Analysis	
Select two courses from the following:		6
STAT 5306	Generalized Lin Mdls with Apps	
STAT 5322	Theory of Sampling & Surveys	
STAT 5327	Compt Mthds in Stat	
STAT 5328	Reg & App Time Series Mdls	
STAT 5329	Anlys of Var in Expt Dsgn Mdls	
STAT 5387	Stat Mdls for Spatial Data	
Total Semester Credit Hours		**36**