

QUANTITATIVE ANALYSIS AND OPERATIONS RESEARCH CONCENTRATION, MATHEMATICAL SCIENCES (BA)

This concentration provides students with the mathematical background to work in finance, computer applications, and production scheduling and forecasting

Course Requirements

Course	Title	Quarter Hours
MAT 351	PROBABILITY AND STATISTICS I	4
MAT 352	PROBABILITY AND STATISTICS II	4
MAT 353	PROBABILITY AND STATISTICS III	4
Select three of the following:		12
MAT 356	APPLIED REGRESSION ANALYSIS	
MAT 358	APPLIED TIME SERIES AND FORECASTING	
MAT 387	OPERATIONS RESEARCH: LINEAR PROGRAMMING	
MAT 388	OPERATIONS RESEARCH: OPTIMIZATION THEORY	

Open Electives

Open elective credit also is required to meet the minimum graduation requirement of 192 hours.

Additional Recommended Courses

Course	Title	Quarter Hours
MAT 370	ADVANCED LINEAR ALGEBRA	
MAT 384	MATHEMATICAL MODELING	
MAT 385	NUMERICAL ANALYSIS I	
MAT 386	NUMERICAL ANALYSIS II	
CSC 389	THEORY OF COMPUTATION	