

2008/2009 MATHEMATICAL SCIENCE

Crse. #	Course Title			
MA501	ENGINEERING MATHEMATICS	E	Fall	
MA503	ANALYSIS I		Fall	
MA504	ANALYSIS II			
MA505	COMPLEX ANALYSIS			
MA508	MATHEMATICAL MODELING			
MA509	STOCHASTIC MODELING			
MA510	NUMERICAL METHODS		Fall	
MA511	APPLIED STATISTICS FOR ENGINEERS AND SCIENTISTS		Fall	
MA512	NUMERICAL DIFFERENTIAL EQUATIONS			Spring
MA514	NUMERICAL LINEAR ALGEBRA			
MA521	PARTIAL DIFFERENTIAL EQUATIONS			
MA525	OPTIMAL CONTROL & DESIGN W/ COMPOSITE MAT I			
MA526	OPTIMAL CONTROL & DESIGN W/ COMPOSITE MAT II			
MA530*	DISCRETE MATHEMATICS I		Fall	
MA533	DISCRETE MATHEMATICS II			Spring
MA535	ALGEBRA			
MA540	PROBABILITY & MATHEMATICAL STATISTICS I		Fall	
MA541	PROBABILITY & MATHEMATICAL STATISTICS II			Spring
MA542	APPLIED REGRESSION ANALYSIS			Spring
MA546	STATISTICAL DESIGN & ANALYSIS OF SCI & IND EXPER			
MA547	DESIGN AND ANALYSIS OF OBSERV & SAMPLING STDS		Fall	
MA548	RELIABILITY & QUALITY CONTROL			
MA549	ANALYSIS OF LIFETIME DATA		Fall	
MA550	TIME SERIES ANALYSIS & FORECASTING			
MA552	DISTR FREE & ROBUST STATISTICAL METH			
MA554	MULTIVARIATE ANALYSIS			
MA556	DECISION THEORY & APPLIED BAYESIAN STATISTICS			Spring
MA559	STATISTICS GRADUATE SEMINAR		Fall	Spring
MA560	GRADUATE SEMINAR		Fall	Spring
MA562	PROFESSIONAL MASTERS SEMINAR		Fall	Spring
MA571	FINANCIAL MATHEMATICS I		Fall	
MA572	FINANCIAL MATHEMATICS II			
MA573	COMPUTATIONAL METHODS OF FINANCIAL MATH			Spring
MA574	PORTFOLIO VALUATION AND RISK MANAGEMENT		Fall	
MA590	SPECIAL TOPICS:			
	Differential Geometry			
	Wavelets			
N	Non-Linear Equations & Optimization			
	Applied Statistics			
Q	Quantitative Methods of Investment Analysis			
MA595	INDEPENDENT STUDY			
MA596	MASTER'S CAPSTONE			
MA598	PROFESSIONAL M.S. PROJECT			
MA599	THESIS			

* CROSS-LISTED WITH COMPUTER SCIENCE

MME518	GEOMETRICAL CONCEPTS	E		
MME522	APPLICATIONS OF CALCULUS		Fall	
MME523	ANALYSIS WITH APPLICATIONS			
MME524	PROBABILITY, STATISTICS, & DATA ANALYSIS I			
MME525	PROBABILITY, STATISTICS, & DATA ANALYSIS II			
MME526	LINEAR MODELS I		Fall	
MME527	LINEAR MODELS II			Spring
MME528	MATHEMATICAL MODELING & PROBLEM SOLVING			
MME529	NUMBERS, POLYNOMIALS, & ALGEBRAIC STRUCTURES			
MME531	DISCRETE MATHEMATICS	E		
MME562	SEMINAR: ISSUES IN MATHEMATICS			Spring
MME592	PROJECT PREPARATION			
MME594	PROJECT IMPLEMENTATION			
MME596	PROJECT ANALYSIS AND REPORT			