

**Department of Mathematical Sciences**  
**Graduate Course Offerings Fall 2009 – Summer 2011**  
 (Subject to enrollment)

**Master of Science (MS)**

	<b>09F</b>	<b>10S</b>	<b>10U</b>	<b>10F</b>	<b>11S</b>	<b>11U</b>
<b>MATHEMATICS</b>						
Introduction to Topology				5270		
Number Theory					5420	
Abstract Algebra I	5510			5510		
History & Phil of Math	5620			5620		
Advanced Linear Algebra	6120			6120		
Selected Topics: Algebra					6140	
Selected Topics: Topology	6142					
Sets and Logic		6170			6170	
Analysis I		6190			6190	
Adv Diff Equations I				6260		
Optimization		6300				
Math of Finance (Contact department for info)	6603			6603		
Math of Life Contingencies (Contact department for info)		6604			6604	
Probs in Math: Num Analysis				6605		
Adv Comb & Graph Theory	6700					
<b>STATISTICS</b>						
Prob & Stat Reasoning	5140			5140		
Math Statistics II		5190			5190	
Stat Methods for Forecast				5200		
Prob & Stochastic Process	5320					
Intro to Biostatistics	6020			6020		
Advanced Math Statistics I		6160			6160	
Advanced Math Statistics II	6180			6180		
Biostatistical Methods	6510			6510		
Advanced Biostat Methods		6520			6520	
Regression Analysis		6602			6602	
Nonparametric Statistics			6603			
Experimental Design	6604			6604		
<b>ACTUARIAL SCIENCE</b>						
Math Found of Act Sci		5140			5140	
Intro to Math of Investment	5200			5200		
Math of Pricing Theory		5220			5220	
Math of Compound Interest	5230			5230		
Math of Int, Theory, Econ					5240	
Actuarial Mathematics I		5330			5330	
Actuarial Mathematics II				5340		
Math of Risk Management	5630					
Math of Options, Futures		5640				

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**Master of Science in Teaching (MST)**

<b>MATHEMATICS</b>	<b>09F</b>	<b>10S</b>	<b>10U</b>	<b>10F</b>	<b>11S</b>	<b>11U</b>
Concepts of Mathematics			5010			
Mathematics for Teachers	6100		6100			
Math Problem Solving	6320		6320			
Prob & Stat for Teachers				6350		
Current Trends in Math Ed			6380			
Geometry for Teachers		6340				
Research in Math Ed		6900			6900	
Algebra for Teachers					6330	
Tech Tool for School Math				6360		