



**Sample Degree Plan**  
**Master of Science**  
**Computer Science and Quantitative Methods**  
**Mathematical Finance**

		Fall Semester		Spring Semester		
First Year	Course Information	Credit Hrs		Course Information	Credit Hrs	
		Advisor Approved Course	3		MATH 5260 – Stochastic Processes	3
		MATH 5321 – Data Analysis and Programming	3		MATH 5230 – Risk and Interest Rate Models	3
		STAT 5050 – Probabilistic & Statistical Reasoning*	3		MATH 5130 – Financial Mathematics	3
		<b>TOTAL SCH</b>	<b>9</b>		<b>TOTAL SCH</b>	<b>9</b>

		Fall Semester		Spring Semester		
Second Year		LDSP 5100 – Leadership for the Scientist Manager	3		COMM 5110 – Leadership and Communication	3
		MATH 5140 – Financial Derivatives	3		MATH 5910 – Graduate Research Project/Thesis	3
		MATH 5820 – Computational Methods in Finance	3			
		<b>TOTAL SCH</b>	<b>9</b>		<b>TOTAL SCH</b>	<b>6</b>