



**Sample Degree Plan  
Graduate Certificate  
Actuarial Science**

		<b>Fall Semester</b>		<b>Spring Semester</b>		
<b>First Year</b>	<b>Course Information</b>	<b>Credit Hrs</b>		<b>Course Information</b>	<b>Credit Hrs</b>	
		STAT 5050 – Probabilistic and Statistical Reasoning	3		MATH 5170 – Finite Math (May be waived)	3
		MATH 5130 – Financial Mathematics	3		MATH 5190 – Advanced Fundamentals of Actuarial Mathematics	3
					MATH 5321 – Data Analysis and Programming OR STAT 5290 – Predictive Analytics OR CSCI 5015 – Data Science in Python	<b>3</b>
		<b>TOTAL SCH</b>	<b>6</b>		<b>TOTAL SCH</b>	<b>6-9</b>