



**Sample Degree Plan
Graduate Certificate
Data Science**

		Fall Semester		Spring Semester		
First Year	Course Information	Credit Hrs		Course Information	Credit Hrs	
		STAT 5050 – Probabilistic & Statistical Reasoning (as needed for no credit)	0		CSCI 5010 – Database Management Concepts	3
				STAT 5120 – Regression Analysis	3	
		TOTAL SCH	0		TOTAL SCH	6

		Fall Semester		Spring Semester		
Second Year		CSCI 5080 – Data Mining Applications	3		CSCI 5095 – Data Mining Projects or STAT 5125 – The Generalized Linear Model or STAT 5200 – SAS Programming or STAT 5290 – Predictive Analytics	3
		STAT 5140 – Time Series Analysis or STAT 5130 – Experimental Design	3		CSCI 5095 – Data Mining Projects or STAT 5125 – The Generalized Linear Model or STAT 5200 – SAS Programming or STAT 5290 – Predictive Analytics	3
		TOTAL SCH	6		TOTAL SCH	6