



**Sample Degree Plan
Professional Science Masters
Computer Science and Quantitative Methods
Data Mining and Analytics**

		Fall Semester		Spring Semester		Summer Semester	
First Year	Course Information	Credit Hrs	Course Information	Credit Hrs	Course Information	Credit Hrs	
	STAT 5050 – Probabilistic & Statistical Reasoning	3	CSCI 5010 – Database Management Concepts*	3	CSCI 5020 – Data MGT Applications**	3	
	LDSP 5100 – Leadership for the Scientist-Manager	3	STAT 5200 – SAS Programming	3	CSCI 5005 – Introduction to Web Programming***	3	
	TOTAL SCH	6	TOTAL SCH	6	TOTALSCH	3-6	

		Fall Semester		Spring Semester		Summer Semester	
Second Year	CSCI 5080 – Data Mining Applications****	3	CSCI 5095 – Data Mining Projects	3	CSCI 5900 – Professional Science Internship	3	
	CSCI 5060 – Database-Driven Web Development****	3	COMM 5110 – Leadership and Communication	3			
	TOTAL SCH	9	TOTAL SCH	6	TOTAL SCH	3	

*CSCI 5010 is a prerequisite for CSCI 5020 and CSCI 5080

**CSCI 5020 is a prerequisite for CSCI 5060

***CSCI 5005 may be waived

****CSCI 5060 and CSCI 5080 are prerequisites for CSCI 5095