

# MATHEMATICAL DATA SCIENCE CONCENTRATION

REQUIRED COURSES (4 units)			
Course Number	Course Title	Suggested Year	Done
<b>STAT 210</b>	Statistical Methods I	SO/JR	
<b>STAT 220</b>	Statistical Methods II	SO/JR	
<b>STAT 304</b>	Applied Regression Analysis	JR/SR	
<b>DATA 248</b>	Data Visualization	SO/JR	
INTRODUCTORY DATA ANALYSIS COURSE (1 unit)			
<b>CPSC 170</b>	Fundamentals of Computer Science	FR/SO	
<b>DATA 170</b>	Exploring Data	FR/SO	
ADDITIONAL DATA ANALYSIS COURSE (1 Units)			
<b>CPSC 350</b>	Database Systems		
<b>DATA 350</b>	Databases for Data Science		
<b>CPSC 370</b>	Data Mining		

Pre-requisite Courses			
<i>The courses listed below are prerequisites for courses in the concentration.</i>			
Course number	Course Title	Required For	
<b>CPSC 120</b>	Programming	CPSC 170, DATA 170	

Note that this check sheet is intended as a guide; the Academic Catalog contains more details and nuances, and students are encouraged to check that book along with the academic advisors as needed.