

**Data Science with MS in Data Science 4+1**

Recommended Five-Year Plan (Fall 2022)

The recommended five-year plan is designed to provide a blueprint for students to complete their degrees within four years. Students must meet with their Major Advisor to develop a more individualized plan to complete their degree. This plan assumes that no developmental courses are required. If developmental courses are needed, students may have additional requirements to fulfill which are not listed in the plan and may extend degree completion.

**NOTE:**

<b>Fourth Year</b>					
<b>Fall Semester</b>	<b>HRS</b>		<b>Spring Semester</b>	<b>HRS</b>	
CMPS 320-Machine Learning	4		DATA 450-Data Science Capstone Project <b>WI</b>	4	
DATA 601-Intro to Data Science (MS)	3		DATA 620-Ethics for Data Science (MS)	3	
MATH 570-Applied Statistics (MS) OR CMPS 530-Python for Data Science (MS)	3		Elective	4	
Minor Requirement*	4		Elective	4	
<b>Total:</b>	<b>14</b>		<b>Total:</b>	<b>15</b>	

<b>Fifth Year</b>					
<b>Fall Semester</b>	<b>HRS</b>		<b>Spring Semester</b>	<b>HRS</b>	
CMPS 530-Python for Data Science OR MATH 570-Applied Statistics	3		CMPS 664-Advanced Database and Big Data	3	
MATH 680-Advanced Mathematical Modeling	3		Data Science Elective at 600/700 level	3	
Data Science Elective at 600/700 level	3		DATA 750-Data Science Thesis	3	
Elective	3				

**Total:**