Computer Science & Statistics Departments
Data Science Major

Name (Last, First)	
WIN:	
Curriculum:	
Expected Grad:	
Departmental Advisor:	
Today's Date	

Chk.	Background Support (8 credit hours)			Term & Yr.
	MATH 1220	Calculus I	4 credits	
	MATH 2300	Elementary Linear Algebra	4 credits	
	Computer Science Core (15 credit hours)			
	CS 2610	R Programming for Data Science	4 Credits	
	CS 3100	Storage and Retrieval of Big Data	3 Credits	
	CS 5821	Machine Learning	3 Credits	
	CS 4900	Senior Design I	3 Credits	
	CS 4910	Senior Design II	2 Credits	
	Statistics Core (16 credit hours)			
	STAT 2600	Statistics Using R	4 credits	
	STAT 4640	Introduction to Statistical Computing	3 credits	
	STAT 5680	Regression Analysis	3 credits	
	STAT 5850	Applied Data Mining	3 credits	
	STAT 5860	Computer Based Data Analysis	3 credits	
	Electives (6 hours): Choose two courses from the following			
	CS 3400, 3500, 4430/5430, 5180, 5260, 5300, 5400, 5550, CS 5700, 5820, etc., or Stat 5610, 5660, 5820, 5670			
All students must have a laptop.				

TRANSFER/WAIVER/SUBSTITUTION:				
Chk.	Course	Course Title	Credits	Term & Yr.