

### Four Year Plan Drafts w/ internship

	Fall	Spring	
Year 1	MATH 198 Calc I	STAT/MATH 260 Intermediate Mathematics for Analysis	17
	STAT 101 Freshman Seminar	STAT 190 Basic Statistics	
	CS 170 Introduction to Computer Science I		
Year 2	STAT 270 Probability	MATH 285 Matrix Algebra	12
	STAT 220 Fundamentals of Data Science	STAT 250 Statistical Computing	
Year 3	STAT 398 Intermediate Seminar	STAT 420 Data Mining and Multivar. Statistics	13
	STAT 478 Regression Analysis	CS/STAT Elective	
	CS 430 Databases		
Year 4	<i>STAT 471 Semester Internship ~12 credits total</i>	STAT 497 Senior Seminar	7 (+15 internship)
	<i>STAT 472 Internship Eval/Assess ~3</i>	STAT 320 WE/Data Visualization	
	<i>(includes capstone experience)</i>	STAT 430 Bayesian Statistics or another Elective	
			49 (+15 internship)

	Fall	Spring	
Year 1	MATH 198 Calc I	STAT/MATH 260 Intermediate Mathematics for Analysis	17
	STAT 101 Freshman Seminar	STAT 190 Basic Statistics	
	CS 170 Introduction to Computer Science I		
Year 2	STAT 270 Probability	MATH 285 Matrix Algebra	12
	STAT 220 Fundamentals of Data Science	STAT 250 Statistical Computing	
Year 3	STAT 397 Intermediate Seminar	STAT 420 Data Mining and Multivar. Statistics	10
	CS/STAT Elective	CS 430 Databases	
Year 4	STAT 497/498 Capstone/Senior Seminar	STAT 320 WE/Data Visualization	12
	STAT 478 Regression Analysis	STAT 430 Bayesian Statistics or a CS/STAT Elective	

### Double-major w/CS (assume AP Calc I)

	Fall	Spring	
Year 1	MATH 263 Calc II	MATH 263 Calc II	11
	STAT 101 Freshman Seminar		12
	CS 100 CS Seminar	CS 191 Computing Structures	
	CS 180 Foundations of Computer Science I	CS 181 Foundations of Computer Science I	
Year 2	STAT 290 Statistics	STAT 250 Statistical Computing	12
	CS 250 Systems Programming	MATH 285 Matrix Algebra	12
	CS 260 Object-Oriented	CS 310 Data Structures	
	CS 291 Models of Computation	CS 330 Computer Architecture	
Year 3	STAT 397 Intermediate Seminar	STAT 420 Data Mining and Multivar. Statistics	10
	CS Elective - B	CS 430 Databases	12

	STAT 220 Fundamentals of Data Science	CS 345 WE/Cyberethics	
	CS Elective -A	CS Elective - A	
<b>Year 4</b>	STAT 497/498 Capstone/Senior Seminar	STAT 320 WE/Data Visualization	12
	STAT 478 Regression Analysis		
	CS 495 Senior Seminar	CS Elective - C	

81