Bachelor of Science - Data Science, Comp Track - 120 Credits						
		Fall Semester			Spring Semester	
Freshman	CS 100 HUM 101 MATH 111	Roadmap to Computing English Composition: Writing, Speaking, Thinking I Calculus I	3 4	CS 113 HUM 102 MATH 112	Introduction to Computer Science I English Composition: Writing, Speaking, Thinking II Calculus II	3 3 4
	PHYS 111 PHYS 111A FRSH SEM	Physics I Physics I Lab Freshman Seminar		PHYS 121 PHYS 121A	Physics II Lab	3 1
	Credits:			Credits:		14
Sophomore	CS 114	Introduction to Computer Science II		CS 241	Foundations of Computer Science I	3
	MATH 244	Introduction to Probability Theory	3	CS 280	Programming Language Concepts	3
	Lower Humanities GER	Any 200-level course from COM, ENG, HIST, HUM, LIT, PHIL, STS, or THTR	_	MATH 341	Statistical Methods II	3
	MATH 337	Linear Algebra	3	IS 350	Computers, Society and Ethics	3
	Social Science / Management GER	ENTR 410, HRM 301, IE 492, MGMT 390, or any 200-level course from ECON/EPS	3	YWCC 207	Computing & Effective Communication	1
				Data Science Elective 1	Select from Data Science Elective list in the catalog	3
	Credits:		15	Credits:		16
Junior	CS 288	Intensive Programming in Linux	3	CS 435	Advanced Data Structures & Algorithm Design	3
	CS 301	Introduction to Data Science	3	CS 482	Data Mining	3
	CS 331	Database System Design and Management	3	CS 375	Machine Learning	3
	CS 370	Introduction to Artificial Intelligence	3	Upper Humanities GER	Any 300-level course from COM, ENG, HIST, HUM, LIT, PHIL, STS, or THTR	3
	ENG 340 or ENG 352	Oral Presentations or Technical Writing	3	Data Science Elective 2 YWCC 307	Select from Data Science Elective list in the catalog Professional Development in Computing	3
			4.5		Professional Development in Computing	_
	Credits:			Credits:		16
	CS 450	Data Visualization		CS 493	Data Science Capstone 2	3
	CS 444	Big Data Systems	3	MATH 344	Regression Analysis	3
	CS 492	Data Science Capstone 1	3		Select from Data Science Elective list in the catalog	3
	MATH 478	Statistical Methods in Data Science	პ ი	•	HSS 400-level	3
	Data Science Elective 3	Select from Data Science Elective list in the catalog	3	Free Elective		3
	Credits:		15	Credits:		15