Bachelor of Science - Computer Science - 130 Credits

		Fall Semester				Spring Semester	
Freshman	CS 100	Roadmap to Computing	3	CS 113	Introduction to Computer Science	3
	Math 111	Calculus l	4	Math 112	Calculus ll	4
	HUM 101	English Composition: Writing, Speaking, Thinking l	3	HUM 102	English Composition: Writing, Speaking, Thinking ll	3
	PHYS 111	Physics l	3	PHYS 121	Physics ll	3
	PHYS 111A	Physics l Lab	1	PHYS 121A	Physics ll Lab	1
	CS 107	Computing as a Career	1		Social Science l	3
	Credits:		15	*Credits:*		17
Sophomore	CS 114	Introduction to Computer Science ll	3	CS 280	Programming Language Concepts	3
	CS 252	Computer Organization & Architecture	3	CS 332	Principles of Operating Systems	3
	Math 244/333	Introduction to Probability Theory/Probability & Statistics	3	CS 241	Foundations of Computer Science l	3
		Science with Lab	4	ENG 340/352	Oral Presentations/Technical Writing	3
	HUM 211/212/HIST 213	The Pre-Modern World/The Modern World/The Twentieth-Century World	3		Lower General Elective 1	3
		Physical Education l	1	CS 207	Computing & Effective Communication	1
					Physical Education ll	1
	Credits:		17	*Credits:*		17
Junior	CS 341	Foundations of Computer Science ll	3	CS 356	Introduction to Computer Networks	3
	IS 350	Computers, Society & Ethics	3	CS 435	Advanced Data Structures & Algorithms	3
		Math Elective - Restricted	3		Math Elective	3
		Social Science ll	3		Interdisciplinary Elective 1	3
	CS 288	Intensive Programming Practicum	3		Upper LIT/PHIL/HIST/STS	3
	CS 431	Database System Design & Management	3		Lower General Elective 2	3
	Credits:		18	*Credits:*		18
Senior	CS 490	Guided Design in Software Engineering	3	CS/IT 491	Senior Project	3
		CS Elective	3		HSS Capstone	3
		CS/IT/IS Elective	3		Interdisciplinary Elective 3	3
		Interdisciplinary Elective 2	3		Upper General Elective	3
	MGMT 390/IE 492	Principles of Management/Engineering Management	3	CS 407	Professional Development in Computing	1
	Credits:		15	*Credits:*		13