

Bachelor of Arts - Computer Science - 127 Credits

Fall Semester				Spring Semester			
Freshman	CS 100	Roadmap to Computing	3	CS 113	Introduction to Computer Science	3	
	Math 111	Calculus I	4	Math 112	Calculus II	4	
	HUM 101	English Composition: Writing, Speaking, Thinking I	3	HUM 102	English Composition: Writing, Speaking, Thinking II	3	
	PHYS 111	Physics I	3	Science I		3	
	PHYS 111 A	Physics I Lab	1	Science I Lab		1	
	CS 107	Computing as a Career	1	Social Science I		3	
	<i>Credits:</i>			15	<i>Credits:</i> 17		
Sophomore	CS 114	Introduction to Computer Science II	3	CS 241	Foundations of Computer Science I	3	
	CS 252	Computer Organization & Architecture	3	CS 280	Programming Language Concepts	3	
	Math 244/Math 333	Introduction to Probability Theory/Probability & Statistics	3	CS 332	Principles of Operating Systems	3	
	Science II		3	ENG 340/352	Oral Presentations/Technical Writing	3	
	Science II Lab		1	Lower General Elective 1		3	
	HUM 211/212/HIST 213	The Pre-Modern World/The Modern World/The Twentieth-Century World	3	CS 207	Computing & Effective Communication	1	
	<i>Credits:</i>			16	<i>Credits:</i> 16		
Junior	IS 350	Computers, Society & Ethics	3	CS 356	Introduction to Computer Networks	3	
	Math Elective - Restricted		3	CS 407	Professional Development in Computing	1	
	Social Science II		3	Lower General Elective 2		3	
	CS 288	Intensive Programming Practicum	3	Interdisciplinary Elective 1		3	
	CS 431	Database System Design & Management	3	Upper LIT/PHIL/HIST/STS		3	
	<i>Credits:</i>			15	MGMT 390/IE 492	Principles of Management/Engineering Management	3
Senior	CS 490	Guided Design in Software Engineering	3	CS 491	Senior Project	3	
	CS 435	Advanced Data Structures & Algorithm Design	3	CS/IS/IT Elective		3	
	CS Elective		3	Interdisciplinary Elective 3		3	
	Interdisciplinary Elective 2		3	Upper General Elective 1		3	
	Humanities Senior Seminar		3	Upper General Elective 2		3	
	Physical Education I		1	Physical Education II		1	
	<i>Credits:</i>			16	<i>Credits:</i> 16		