

Computer Science Major - Networking Specialization Proposed Program of Study

		Fall Semester			Spring Semester		
		Course	Course Title	Hrs.	Course	Course Title	Hrs.
Freshman		CS 101	Fluency with Information Technology	3	CS 201	Introduction to Object-Oriented Programming	4
		MA 125	Calculus I	4	MA 126	Calculus II	4
			Laboratory Science I	4		Laboratory Science II	4
		EH 101	English Composition	3	EH 102	English Composition	3
			Total Credits:	14		Total Credits:	15
Sophomore		CS 250	Discrete Structures	3	CS 303	Algorithms and Data Structures	4
		CS 302	Object-Oriented Design	4		Math Elective	3
			Math Elective	3		Laboratory Science III	4
		EH 216	Literature	3	HY 102	Western Civilization II	3
		HY 101	Western Civilization	3			
		Total Credits:	16		Total Credits:	14	
Junior		CS 330	Computer Organization & Assembly Language Prog	3	CS 401	Programming Languages	3
		CS 350	Automata/Formal Language Theory	3	CS 433	Operating Systems	3
		PHL 115 or 125	Introduction to Philosophy	3	ANTH 101	Cultural Anthropology	3
		PY 101	Introduction to Psychology	3	ARH 101	Art Experience	3
		SOC 100	Introduction to Sociology	3	CM 101	Public Speaking	3
		Total Credits:	15		Total Credits:	15	
Senior		CS 420	Software Engineering	3	CS 499	Senior Capstone	3
		CS 455	Probability & Statistics in Computer Science	3	CS 334	Internetworking	3
		CS 431	Distributed Computing	3	CS 336	Network Security	3
		*CS 435	Network Programming	3		General Electives	7
			General Electives	3			
		Total Credits:	15		Total Credits:	16	

- Only one of the following Courses can substitute for a networking specialization elective: CS 410, CS 481, CS 482