

Computer Science B.S.

Year One

Fall		Odd		Spring		Even	
Course	Num	Title	Credits	Course	Num	Title	Credits
COSC	160	Intro. Comp. Prog. Math & Sci.	3	COSC	240	Computer Science II	3
COSC	194	Computer Science Career Sem	2	MATH	220	Discrete Structures	3
MATH	115	College Algebra	3	MATH	270	Probability and Stats	3
ENGL	101	English Composition I	3	ENGL	102	English Composition II	3
HIST		History sequence I	3	HIST		History sequence II	3
UACT	100	Strategies for College Success	2	LNCN	100	Lincoln's Life	1
			16				16

Year Two

Fall		Even		Spring		Odd	
Course	Num	Title	Credits	Course	Num	Title	Credits
COSC	244	Data Structures	3	COSC	344	Software Engineering I	3
MATH	120	Trigonometry	3	COSC	346	Operating Systems	3
PHYS	211	General Physics I and Lab	4	MATH	150	Calculus I	4
		Social/Behavioral Elective	3	PHYS	212	General Physics II and Lab	4
		Art/Music/Theatre Elective	3			Social/Behavioral Elective	3
			16				17

Year Three

Fall		Odd		Spring		Even	
Course	Num	Title	Credits	Course	Num	Title	Credits
COSC	354	Networks & Data Communication	3	COSC	356	Database Management	3
COSC	350	Programming Languages	3	COSC	348	Principles of Algorithms	3
MATH	250	Calculus II	4	COSC	440	Network Security	3
CHEM	111	General Chemistry I and Lab	4	MATH	260	Elementary Linear Algebra	3
COMM	200	Speech Communication	3	ENGL	2xx	Literature Elective	3
			17				15

Year Four

Fall		Even		Spring		Odd	
Course	Num	Title	Credits	Course	Num	Title	Credits
COSC	444	Software Engineering II	3	COSC	498	Computer Science Practicum	3
COSC	446	Program Translation	3	COSC	448	Computer Theory	3
COSC	358	Artificial Intelligence	3	COSC	450	Computer Architecture	3
PHIL	420	Ethics	3	LNCN	300	American Citizenship	1
PHYS	350	Electronics and Lab	4			Elective	3
			16				13

Total degree credit hours 126