

Requirements for BS in Computer Science Catalog 2019-2020

Course	Prerequisites	Notes		
CS 400 (1 cr)		Waived if CS 415/414/410 not taken in first semester		
IT 403		C- required		
CS 415 or CS 414 or CS 410		C- required		
CS 416 or CS 417	CS 415 or CS 414 or CS 410	C- required		
CS 501	ENGL 401	Discovery (Inquiry, Environment, Technology & Society)		
CS 515		C- required		
CS 520		C- required		
CS 619	CS 515			
CS 620	CS 520			
CS 659	Math 531			
CS 671	CS 520			
CS 758	CS 515, CS 659			
CS Implementation	various	CS 712, CS 730, CS 735, CS 770		
CS Theory	various	CS 723, CS 745, CS 750, CS 757		
CS Elective	various	CS7xx		
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Professional Elective*		From a list of approved professional electives		
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CS 791 (2 cr)	CS 619	Senior Capstone Project I		
CS 792 (2 cr)	CS 791	Senior Capstone Project II, WI		
Math 425		Discovery (Quantitative Reasoning)		
Math 426	Math 425			
Math 531	Math 425	WI		
Statistics	Math 425 or Math 426	Math 539 or Math 644		
ECE 543				
ECE 562	ECE 543			
ENGL 401		WI, Discovery		
DLAB I		Physical Science with DLAB		
DLAB II		Biological Science with DLAB		
FPA*		Discovery (Fine and performing arts)		
HP*		Discovery (Historical perspectives)		
HUMA*		Discovery (Humanities)		
SS*		Discovery (Social Sciences)		
WC*		Discovery (World Cultures)		
<input type="checkbox"/> INQ (CS 501)	<input type="checkbox"/> WI 1 (ENGL 401)	<input type="checkbox"/> WI 2 (Disc.)	<input type="checkbox"/> WI 3 (Math 531)	<input type="checkbox"/> WI 4 (CS 792)

* One of these discovery courses must be writing intensive