ULID

Last Revised: May 2024

COMPUTER SCIENCE SCIENTIFIC COMPUTING CONCENTRATION Curriculum for Students Entering Program: Fall 2024 Minimum: 120 Hours

CMPS 150 MATH 301 ENGL 102 CMPS 260 MATH 362 ENGL 365 CMPS 261 (fulfills CMCN elective) CMPS 310 ENGL Lit ENGL Lit CMPS 320 STAT 325/427 HIST HIST CMPS 340 CMPS 341 BHSC BHSC CMPS 413 SCI BHSC BHSC CMPS 430 SCI ARTS CMPS 450 Lab CMPS 453 UNIV 100 100 CMPS 460 CMPS 490 CMPS 490 FREE ELEC 3 hours	EECE	140	MATH	270	ENGL	101	
CMPS 261 (fulfills CMCN elective) CMPS 310 ENGL Lit CMPS 320 STAT 325/427 HIST CMPS 340 TOTAL STATE S	CMPS	150	MATH	301	ENGL	102	
CMPS 310 ENGL Lit CMPS 320 STAT 325/427 HIST CMPS 340 CMPS 341 CMPS 351 BIOL 110/121 BHSC CMPS 413 SCI BHSC CMPS 430 SCI ARTS CMPS 450 Lab CMPS 453 CMPS 453 CMPS 460 CMPS 460 CMPS 490	CMPS	260	MATH	362	ENGL	365	
CMPS 320 STAT 325/427 HIST CMPS 340 Fraction of the control o	CMPS	261			(fulfills CMCN el	ective)	
CMPS 340 CMPS 341 CMPS 351 BIOL 110/121 BHSC CMPS 413 SCI BHSC CMPS 430 SCI ARTS CMPS 450 Lab CMPS 453 CMPS 455 CMPS 455 CMPS 460 CMPS 490	CMPS	310			ENGL Lit		
CMPS 341 CMPS 351 BIOL 110/121 BHSC CMPS 413 SCI BHSC CMPS 430 SCI ARTS CMPS 450 Lab CMPS 453 CMPS 455 UNIV 100 CMPS 460 CMPS 490	CMPS	320	STAT	325/427	HIST		
CMPS 351 BIOL 110/121 BHSC CMPS 413 SCI BHSC CMPS 430 SCI ARTS CMPS 450 Lab CMPS 453 CMPS 455 UNIV 100 CMPS 460 CMPS 490	CMPS	340					
CMPS 413 SCI BHSC CMPS 430 SCI ARTS CMPS 450 Lab Lab CMPS 453 UNIV 100 CMPS 460 CMPS 490	CMPS	341					
CMPS 430 SCI ARTS CMPS 450 Lab CMPS 453 UNIV 100 CMPS 460 CMPS 490	CMPS	351	BIOL	110/121	BHSC		
CMPS 450 Lab CMPS 453 CMPS 455 CMPS 460 CMPS 490	CMPS	413	SCI		BHSC		
CMPS 453 CMPS 455 UNIV 100 CMPS 460 CMPS 490	CMPS	430	SCI		ARTS		
CMPS 455 CMPS 460 CMPS 490	CMPS	450	Lab				
CMPS 460 CMPS 490	CMPS	453					
CMPS 490	CMPS	455			UNIV	100	
	CMPS	460					
CMPS FREE ELEC 3 hours ^a	CMPS	490					
	CMPS				FREE	ELEC	3 hours ^a

Concentration Requirements

CMPS 315CMPS 432MATH 302MATH 350

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- * Choose from CMPS 352,415,497,498,499 or INFX 499
- ** Choose from MATH 435,440,450,455,475,481,483,487,491,493,495
- *** Choose from STAT 417,454

Prerequisites/Remedials

- ✓ Options for College Algebra: MATH 103 and 104, or combined as MATH 105.
- ≺ Options for Pre-Calculus: MATH 109 and 110, or combined as MATH 143.

^aThis assumes UNIV 100 is three (3) credit hours and CMPS 310 is three (3) credit hours.

Notes