2025 Computer Science Curriculum

NOTE: This curriculum is effective for all students enrolling in CS 100 in Fall 2025 or later.

→ = course prerequisites. ⇢ = prerequisites with concurrency.

Freshman		Sophomore		Junior		Senior	
16 Hours	14 Hours	14 Hours	14 Hours	15 Hours	15 Hours	16 Hours	16 Hours
ENGR 104 Fundamentals of Engineering (3)		ECE 380 Digital Logic (4)	ECE 383 Micro-Computers (4)	CS 338 Networking and Systems (3)	CS 403 Programming Languages (3)	CS 470 Theory (3)	[4]CS 495 Capstone Computing (3)
CS 100 CS I (4)	CS 101 CS II (4)	CS 200 Software Engineering (4)	CS 201 Data Structures & Algorithms (4)	CS 301 Database Systems (3)	CS 4XX CS Elective (3)	CS 4XX CS Elective (3)	CS 4XX CS Elective (3)
MATH 125 Calculus I (4)	MATH 126 Calculus II (4)	MATH 301 Discrete Mathematics (3)	[3]GES 255 Engineering Statistics I (3)	[2] HI/SB Elective (3)	[2] HI/SB Elective (3)	CS 4XX CS Elective (3)	CS 4XX CS Elective (3)
ENGR 101 The World of Engineering (1)	[2] HI/SB Elective (3)	[1] HU/L/ FA/WL Elective (3)	[1] HU/L/ FA/WL Elective (3)	MATH 237 Linear Algebra (3)	[1] HU/L/ FA/WL Elective (3)	Nat Sci #1 Sequence, N (4)	Nat Sci #2 Sequence, N (4)
EN 103 English Composition (3)	USGC Elective (3)			Free Elective (3)	Free Elective (3)	Free Elective (3)	Free Elective (3)
UA 101 Legends (1)							

ALL 400-level CS courses have CS 338, CS 301, and ECE 383 as their prerequisites.

[1] At least 3 credits from courses approved for the Literature designation.

[2] At least 3 credits from courses approved for the History design.

[3] MATH 355 can be substituted for GES 255.

[4] CS 495 prerequisites: (CS 403 or CS 470) and (CS 4xx excluding CS 403 and CS 470).

Last Update: January 2025

120 Total Hours