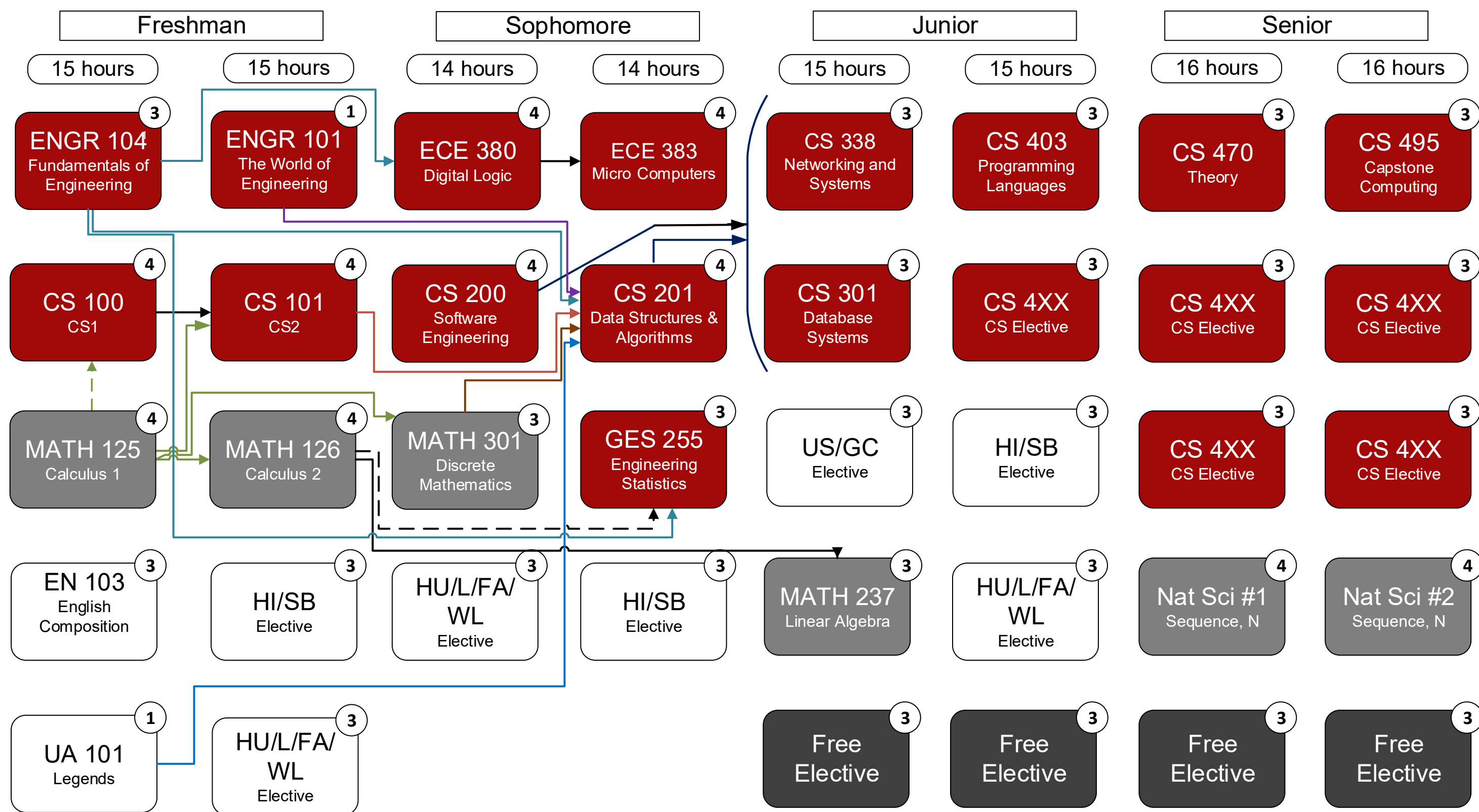# 2025 Computer Science Curriculum

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	
15 hours	15 hours	14 hours	14 hours	15 hours	15 hours	16 hours	16 hours

ENGR 104 (3) — Fundamentals of Engineering
ENGR 101 (1) — The World of Engineering
ECE 380 (4) — Digital Logic
ECE 383 (4) — Micro Computers
CS 338 (3) — Networking and Systems
CS 403 (3) — Programming Languages
CS 470 (3) — Theory
CS 495 (3) — Capstone Computing

CS 100 (4) — CS1
CS 101 (4) — CS2
CS 200 (4) — Software Engineering
CS 201 (4) — Data Structures & Algorithms
CS 301 (3) — Database Systems
CS 4XX (3) — CS Elective
CS 4XX (3) — CS Elective
CS 4XX (3) — CS Elective

MATH 125 (4) — Calculus 1
MATH 126 (4) — Calculus 2
MATH 301 (3) — Discrete Mathematics
GES 255 (3) — Engineering Statistics
US/GC (3) — Elective
HI/SB (3) — Elective
CS 4XX (3) — CS Elective
CS 4XX (3) — CS Elective

EN 103 (3) — English Composition
HI/SB (3) — Elective
HU/L/FA/WL (3) — Elective
HI/SB (3) — Elective
MATH 237 (3) — Linear Algebra
HU/L/FA/WL (3) — Elective
Nat Sci #1 (4) — Sequence, N
Nat Sci #2 (4) — Sequence, N

UA 101 (1) — Legends
HU/L/FA/WL (3) — Elective
Free Elective (3)
Free Elective (3)
Free Elective (3)
Free Elective (3)

ALL 400-level CS courses have CS 338, CS 301, and ECE 383 as their prerequisites.
1 Math 112 is a prerequisite with concurrency for ENGR104
2 At least 3 credits from courses approved for the Literature designation.
3 At least 3 credits from courses approved for the History design.
4 MATH 355 can be substituted for GES 255.
5 CS 495 prerequisites: (CS 403 or CS 470) and (CS 4xx excluding CS 403 and CS 470).

Last Update: May 2025

120 Total Hours