

Computer Science

Year One - Collin Community College

FALL		SPRING		
MATH 1314 OR MATH 1414, College Algebra	3	MATH 2412, Pre-Calculus Math	4	
ENGL 1301, Composition I	3	ENGL 2311, Technical & Business Writing	3	
Language Philosophy Culture Core Course	3	Creative Arts Core Course	3	
Government / Political Science Core Course	3	CHEM 1411, General Chemistry I	4	
Total Hours		12	Total Hours	
			14	

Year Two - Collin Community College

FALL		SPRING		
MATH 2413, Calculus I*	4	MATH 2414, Calculus II*	4	
Government / Political Science Core Course	3	COSC 1437, Programming Fundamentals II*	4	
COSC 1436, Programming Fundamentals I*	4	PHYS 2425, University Physics I*	4	
CHEM 1412 or BIOL 1406	4	Total Hours		
Total Hours		15	12	

Year Three - Collin Community College

FALL		SPRING		
MATH 2318, Linear Algebra	3	COSC 2325, Computer Organization*	3	
PHYS 2426, University Physics II*	4	COSC 2436, Programming Fundamentals III*	4	
History Core Course	3	History Core Course	3	
MATH 2305, Discrete Mathematics	3	Social Behavioral Science Core Course	3	
Total Hours		13	Total Hours	
			13	

Year Four - UNT

Meet with the UNT CENG recruiter at the start of spring semester and apply to UNT.

FALL		SPRING		
CSCE 3110, Data Structures	3	CSCE 3444, Software Engineering	3	
CSCE 3600, Systems Programming	3	CSCE 4110, Algorithms	3	
TECM 4*** Course	3	CSCE Core Elective (advanced)	3	
EENG 2710, Digital Logic Design	3	MATH 1780, Probability Models	3	
Total Hours		12	Total Hours	
			12	

Year Five - UNT

FALL		SPRING		
CSCE 4010, Social Issues	3	CSCE 4902, Capstone II	3	
CSCE 4901, Capstone I	3	CSCE Breadth Elective (advanced)	3	
CSCE Core Elective (advanced)	3	CSCE Elective (advanced)	3	
CSCE Breadth Elective (advanced)	3	CSCE Elective (advanced)	3	
Total Hours		12	Total Hours	
			12	

Black = Collin Community College

* = CS Field of Study

Total Degree Hours 127

Green = UNT