

COMPUTER SCIENCE

Sample Three-Year Schedule

Required prerequisite(s) indicated in parentheses & notes

YEAR ONE			
FALL		SPRING	
COSC1336 or 1436, Computer Science I (see note 3)	3-4	COSC2336 or 2436, Computing Foun II	3
MATH 2318 or 2418, Linear Algebra (Cal 2)	3	MATH2305, Discreet Math/Computing Foun	3
COSC1337 or 1437, Comp. Science II (CS 1, Cal 1)	3		
CHEM 1411, Chemistry (see note 2)	4	BIOL 1406, Biology I (see note 2)	4
ENGL2311 Technical Communication	3	COSC2325 or 2425 Assembly & Org.(Discreet)	3
Total Hours	13-14	Total Hours	13
YEAR TWO			
FALL		SPRING	
CSCE 3110 (foundat 2)	3	EENG2710	3
CSCE 4010 (CSCE 3600)	3	CSCE 3444, Software Engineering (CSCE 3110)	3
CSCE 3600 (discreet math)	3	CSCE Core Elective (see note 4)	<u>3</u>
TECM 4*** (tech writing)	<u>3</u>		
MATH 1780, Probability (cal 1)	3	CSCE Breadth Elective (see note 4)	3
Total Hours	15	Total Hours	12
YEAR THREE			
FALL		SPRING	
CSCE 4110, Analysis of Algorithms (CSCE 3110)	3	CSCE 4902, Capstone (CSCE 4901)	3
CSCE 4901, Capstone I (see note 5)	3	CSCE Core Elective (see note 4)	3
CSCE Adv Elective (see note 4)	3		
CSCE Breadth Elective (see note 4)	<u>3</u>	CSCE Adv Elective (see note 4)	<u>3</u>
Total Hours	12	Total Hours	9

Notes:

Note 2: BIOL 1406 has no prerequisite. CHEM 1411 requires College Algebra (or higher) as prerequisite.

Note 3: COSC1336/1337 requires completion of or co-enrollment in MATH 1710, Calculus I (or higher).

Note 4: Must complete appropriate prerequisite(s) for each CSCE Core, Breadth and/or Free elective course.

Note 5: CSCE 4901 requires Technical communication and CSCE 3444 as prerequisite as well as CSCE 4110 as corequisite or prerequisite.

Must earn at least a grade of "C" and a minimum 2.0 GPA in Computer Science 1 and 2, CS Foundations 1 and 2, & MATH 1710 as foundations to enroll in advanced courses.

Must earn at least a grade of "C" in each course above except for most University Core courses.

Green text is indicative of Community College numbering.

Credits Which Could Be Earned Prior to Enrollment at UNT – AP, IB, CLEP, DC, Transfer:

Communications Core ENGL2311
 HIST 2610 HIST1301
 HIST 2620 HIST1302
 PSCI 2305 GOVT2305
 PSCI 2306 GOVT2306
 Creative Arts Core
 Language Philosophy Culture Core
 Social Behavioral Sciences Core

Credits Which Should Be Earned Prior to Enrollment at UNT – AP, IB, CLEP, DC, Transfer:

MATH 1710 MATH2313 or 2413
 MATH 1720 MATH2314 or 2414
 PHYS 1710/1730 PHYS2425
 PHYS 2220/2240 PHYS2426

This is an unofficial sample schedule. Requirements, prerequisites, etc. may change. Students should meet with an advisor each semester for individual scheduling, program decisions, etc. Engineering admissions requirements must be met & a degree audit must be created in order to progress in the program to a timely graduation.