

COMPUTER SCIENCE

Sample Three-Year Schedule

Required prerequisite(s) indicated in parentheses & notes

YEAR ONE

FALL

MATH 1780, Probability (MATH 1710)	3
CSCS 1030, Computer Science I (see note 3)	4
CHEM 1410 or 1415, Chemistry (see note 2)	3
CHEM 1430 or 1435, Chemistry Lab (see note 2)	1
TECM 2700	<u>3</u>
Total Hours	14

SPRING

MATH 2700, Linear Algebra (MATH 1720)	3
CSCS 1040, Comp. Science II (CSCS 1030, MATH 1710)	3
BIOL 1710, Biology I (see note 2)	3
BIOL 1760, Biology Lab (see note 2)	2
EENG 2710, Digital Logic Design	<u>3</u>
Total Hours	14

SUMMER

CSCS 2100, Computing Foundations 1 (CSCS 1040)	3
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YEAR TWO

FALL

CSCS 2110, Computing Foundations II (CSCS 2100)	3
CSCS 2610, Assembly & Org. (CSCS 2100, EENG 2710)	3
CSCS 3600 (CSCS 2100)	3
TECM 4*** (TECM 2700)	<u>3</u>
Total Hours	12

SPRING

CSCS 3110 (CSCS 2110)	3
CSCS 4010 (CSCS 3600)	3
CSCS Core Elective (see note 4)	3
CSCS Adv Elective (see note 4)	<u>3</u>
Total Hours	12

YEAR THREE

FALL

CSCS 4110, Analysis of Algorithms (CSCS 3110)	3
CSCS 4444, Software Engineering (CSCS 3110)	3
CSCS Core Elective (see note 4)	3
CSCS Breadth Elective (see note 4)	<u>3</u>
Total Hours	12

SPRING

CSCS 4901, Capstone, or CSCS 4999, Thesis (see note 5)	3
CSCS Breadth Elective (see note 4)	3
CSCS Adv Elective (see note 4)	3
CSCS Adv Elective (see note 4)	<u>3</u>
Total Hours	12

Notes:

Note 1: MATH 1710 requires one of the following as prerequisite: completion of MATH 1650 with a grade of "C" or higher; or completion of MATH 1610 with a grade of "C" or higher; or Freshman Math Group Level 3; or approval authorized by score via mathematics testing; or earned credit for a math course at or above the MATH 1710 level.

Note 2: BIOL 1710 & 1760 has no prerequisite. CHEM 1410 & 1430 requires MATH 1100, College Algebra (or higher) as prerequisite. CHEM 1415 & 1435 requires MATH 1650, Pre-Calculus (or higher) as prerequisite.

Note 3: CSCS 1030 requires completion of or *co-enrollment* in MATH 1710, Calculus I (or higher).

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

Note 5: CSCS 4901 requires TECM 2700 and CSCS 4444 as prerequisite as well as CSCS 4110 as corequisite or prerequisite. CSCS 4999 requires professor consent as prerequisite.

Must earn at least a grade of "C" and a minimum 2.5 GPA in CSCS 1030, CSCS 1040, CSCS 2100, CSCS 2110, & 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.

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

Communications Core	Creative Arts Core
HIST 2610	Language Philosophy Culture Core
HIST 2620	Social Behavioral Sciences Core
PSCI 2305	
PSCI 2306	

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

MATH 1710
MATH 1720
PHYS 1710/1730
PHYS 2220/2240

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.