

COMPUTER ENGINEERING

Sample Three-Year Schedule

Required prerequisite(s) indicated in parentheses & notes

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

Year One	
FALL	
CSCE 1030, Computer Science I	4
TECM 2700, Tech. Writing (Communication Core)	3
ENGR 2720, Digital Logic	3
ENGR 2730, Digital Logic Lab	1
MATH 1720, Calculus II (MATH 1710)	<u>3</u>
Total Hours	14
SPRING	
CSCE 1040, Comp. Science II (CSCE 1030, MATH 1710)	3
MATH 2730, Multivariable Calculus (MATH 1720)	3
PHYS 2220, E. & M. (MATH 1720, PHYS 1710, 1730)	3
PHYS 2240, E. & M. Lab (MATH 1720, PHYS 1710, 1730)	1
ENGR 2405, Circuit Analysis (see note 3)	3
ENGR 2415, Circuit Analysis Lab (see note 3)	<u>1</u>
Total Hours	14
SUMMER	
CSCE 2100 Computing Foundations I (CSCE 1040)	3
Year Two	
FALL	
MATH 1780, Probability Models (MATH 1710)	3
CSCE 2110, Computing Foundations II (CSCE 2100)	3
CSCE 2610, Assembly & Org. (CSCE 2100, ENGR 2720,2730)	3
EENG 3510, Electronics I (ENGR 2405)	3
CSCE 3010, Signals & Systems (ENGR 2405, MATH 2730)	<u>3</u>
Total Hours	15
SPRING	
MATH 2700, Linear Algebra (MATH 1720)	3
CSCE 3600, Systems Programming (CSCE 2100)	3
CSCE 3020, Comm. (CSCE 3010)	3
CSCE 3612, Embed. Sys. Design (ENGR 2720,2730 CSCE 2610)	3
CSCE Specialty Area Elective course (see note 1)	<u>3</u>
Total Hours	15
Year Three	
FALL	
CSCE 3730, Reconfigurable Logic (CSCE 2610)	3
CSCE 4910, Design I (CSCE 3612, EENG 3510)	3
CSCE Specialty Area Elective course (see note 1)	3
CSCE Specialty Area Elective course (see note 1)	<u>3</u>
Total Hours	12
SPRING	
CSCE 4915, Design II (CSCE 4910)	3
CSCE 4011, Engineering Ethics (CSCE 3600)	3
Advanced Math or Science Elective	3
Advanced Level General Elective (see note 2)	<u>3</u>
Total Hours	12

Notes:

Note 1: See curriculum page for options. Most specialization courses are offered fall only or spring only. Must meet prerequisite for specialization courses.

Note 2: Advanced level general elective may be needed to reach 42 total advanced hours. Please check with an advisor.

Note 3: ENGR 2405 & ENGR 2415 requires completion of MATH 1720 & either completion of or co-enrollment in PHYS 2220 & 2240 as prerequisite.

Must earn at least a grade of "C" and a minimum 2.5 GPA in CSCE 1030, CSCE 1040, CSCE 2100, CSCE 2110, & MATH 1710 as foundations to enroll in advanced courses.

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

Communications Core	TECM 2700
HIST 2610	CHEM 1410, 1430
HIST 2620	
PSCI 2305	
PSCI 2306	
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
PHYS 1710, 1730

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.