

COMPUTER ENGINEERING

Sample Three-Year Schedule

Required prerequisite(s) indicated in parentheses & notes

YEAR ONE

FALL

PHYS 2220, E&M (MATH 1720, PHYS I)	3
PHYS 2240, E & M Lab (Co req PHYS 2220)	1
*CSCE 1030, Comp. Sci I (Pre/Co req MATH 1710)	4
EENG 2710, Digital Logics	3
EENG 2711, Dig. Logics Lab (Co req EENG 2710)	1
TECM 2700, Tech Writing (Communication Core)	<u>3</u>
Total Hours	15

SPRING

MATH 2730, Multivariable Calculus (MATH 1720)	3
CSCE 1040, Comp Sci II (CS I, Pre/Co req MATH 1710)	3
CHEM 1410, Gen Chem I (MATH 1100 or Higher)	3
CHEM 1430, Gen Chem I Lab (Co req CHEM 1410)	1
EENG 2610, Circuit Analysis (PHYS 2220,2240)	3
EENG 2611, Circuit Analysis Lab(Co req EENG 2610)	<u>1</u>
Total Hours	14

SUMMER

CSCE 2100, Foundations of Computing (CSCE 1040)	3
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YEAR TWO

FALL

CSCE 2110, Foundations of Data Structures (CSCE 1040)	3
CSCE 2610, Assembly & Org(CSCE 2100,EENG 2710,2711)	3
CSCE 3600, Sys. Programming (CSCE 2100)	3
MATH 1780, Probability Models (MATH 1710)	<u>3</u>
Total Hours	12

SPRING

CSCE 3612, Embdded Sys.(CSCE 2610,EENG 2710/2711)	3
CSCE 4011, Engineering Ethics (CSCE 3600)	3
CSCE Specialty Area Elective course (see note)	3
EENG 3510, Electronics I (EENG 2610,2611)	3
MATH 2700 Linear Algebra (MATH 1720)	<u>3</u>
Total Hours	15

SUMMER

Advanced Level General Elective	3
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YEAR THREE

FALL

CSCE 3730, Reconfigurable Logic (CSCE 2610)	3
CSCE 4910, Design I (CSCE 3612, EENG 3510)	3
CSCE 3010 Sig & System (EENG 2610,2611,MATH 2730)	3
CSCE Specialty Area Elective course (see note 3)	<u>3</u>
Total	12

SPRING

CSCE 3020 Comm Systems (CSCE 3010)	3
CSCE 4915 Design II (CSCE 4910)	3
CSCE Specialty Area Elective course (see note 3)	3
Advance Math or Science	<u>3</u>
Total	12

Notes:

Note 1: Course(s) indicated by * = Destination course required to transition to a full-major. Minimum grade of "C" and 2.0 UNT GPA required for completion.

Note 2: Courses with subject abbreviations of ENGL, TECM, MATH, CHEM, PHYS, EENG, ENGR, CSCE and COSC require minimum grade of "C" for completion and/or prerequisite.

Note 3: Must complete all required prerequisite(s) before choosing CSCE Specialty Area.

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

Communication Core ENGL 1310
 HIST 2610 HIST 1301
 HIST 2620 HIST 1302
 PSCI 2305 GOVT 2305
 PSCI 2306 GOVT 2306
 Creative Arts
 Language, Philosophy, & Culture
 Social & Behavioral Science

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

*Math 1710
 Math 1720
 Physics 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.