

# INFORMATION TECHNOLOGY

## Sample Four-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.**

### FRESHMAN YEAR

#### FALL

MATH 1710, Calculus I (see note 1)	4
CHEM 1410 or 1415 or BIOL 1710 (see note 2)	3
CHEM 1430 or 1435 or BIOL 1760 (see note 2)	1
CSCE 1030, Computer Science I (see note 3)	4
Communication Core course	<u>3</u>
Total Hours	15

#### SPRING

MATH 1680 or MATH1780, Probability (MATH 1710)	3
PHYS 1710, Mechanics (MATH 1710)	3
PHYS 1730, Mechanics Lab (MATH 1710)	1
CSCE 1040, Comp. Science II (CSCE 1030, MATH 1710)	3
TECM 2700, Technical Writing (Communication Core)	3
University Core course	<u>3</u>
Total Hours	16

### SOPHOMORE YEAR

#### FALL

CSCE 2100, Foundations of Computing (CSCE 1040)	3
Supporting Area course (see note 4)	3
University Core course	3
University Core course	3
University Core course	<u>3</u>
Total Hours	15

#### SPRING

CSCE 2110, Foundations of Data Structure (CSCE 1040)	3
CSCE 3600, Systems Programming (CSCE 2100)	3
Supporting Area course (see note 4)	3
University Core course	3
University Core course	<u>3</u>
Total Hours	15

### JUNIOR YEAR

#### FALL

CSCE 3055, IT Project Management (CSCE 2100)	3
CSCE 3220, Human Computer Interfaces (CSCE 2110)	3
CSCE 3420, Internet Programming (CSCE 2110)	3
CSCE 3530, Computer Networks (CSCE 3600)	3
Supporting Area course (see note 4)	<u>3</u>
Total Hours	15

#### SPRING

CSCE 4010, Social Issues (CSCE 3600)	3
CSCE 3605, Systems Administration (CSCE 3600)	3
CSCE 3615, Enterprise Systems Arch. (CSCE 2100)	3
CSCE 4350, Database Systems (CSCE 2110)	3
University Core course	<u>3</u>
Total Hours	15

### SENIOR YEAR

#### FALL

CSCE 4535, Network Administration (CSCE 3530)	3
CSCE 4355, Database Administration (CSCE 4350)	3
CSCE 4550, Computer Security (CSCE 3600)	3
CSCE 4905, Capstone I (CSCE 3055, CSCE 3615)	3
Supporting Area course (see note 4)	<u>3</u>
Total Hours	15

#### SPRING

CSCE 4925, Capstone II (CSCE 4905)	3
Supporting Area course (see note 4)	3
Supporting Area course (see note 4)	3
Supporting Area course (see note 4)	3
University Core course	<u>3</u>
Total Hours	15

### Notes:

Note 1: MATH 1710 requires one of the following as prerequisite: completion of MATH 1650 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: CSCE 1030 requires completion of MATH 1650, Pre-Calculus, or co-enrollment in MATH 1710, Calculus I (or higher) as prerequisite.

Note 4: Must enroll in Supporting Area courses approved by an advisor & complete prerequisite(s) for approved courses.

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

**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.**

# INFORMATION TECHNOLOGY

Sample three-year schedule

Sample schedule based on completion of all core curriculum with AP, IB, CLEP and/or DC credits

Required prerequisite(s) indicated in parentheses & notes

<b>YEAR ONE</b>			
<b>FALL</b>		<b>SPRING</b>	
MATH 1710, Calculus I (see note 1)	4	MATH 1680 or MATH1780, Probability (MATH 1710)	3
CHEM 1410 or 1415 or BIOL 1710 (see note 2)	3	PHYS 1710, Mechanics (MATH 1710)	3
CHEM 1430 or 1435 or BIOL 1760 (see note 2)	1	PHYS 1730, Mechanics Lab (MATH 1710)	1
CSCE 1030, Computer Science I (see note 3)	4	CSCE 1040, Comp. Science II (CSCE 1030, MATH 1710)	3
TECM 2700, Technical Writing (Communication Core)	<u>3</u>	Supporting Area course (see note 4)	<u>3</u>
Total Hours	15	Total Hours	13
<b>SUMMER</b>			
CSCE 2100, Foundations of Computing (CSCE 1040)	<u>3</u>		
Total Hours	3		
<b>YEAR TWO</b>			
<b>FALL</b>		<b>SPRING</b>	
CSCE 2110, Foundations of Data Structure (CSCE 1040)	3	CSCE 3530, Computer Networks (CSCE 3600)	3
CSCE 3055, IT Project Management (CSCE 2100)	3	CSCE 3605, Systems Administration (CSCE 3600)	3
CSCE 3600, Systems Programming (CSCE 2100)	3	CSCE 3615, Enterprise Systems Arch. (CSCE 2100)	3
Supporting Area course (see note 4)	3	CSCE 4010, Social Issues (CSCE 3600)	3
Supporting Area course (see note 4)	<u>3</u>	CSCE 4350, Database Systems (CSCE 2110)	<u>3</u>
Total Hours	15	Total Hours	15
<b>YEAR THREE</b>			
<b>FALL</b>		<b>SPRING</b>	
CSCE 3220, Human Computer Interfaces (CSCE 2110)	3	CSCE 4925, Capstone II (CSCE 4905)	3
CSCE 3420, Internet Programming (CSCE 2110)	3	Supporting Area course (see note 4)	3
CSCE 4535, Network Administration (CSCE 3530)	3	Supporting Area course (see note 4)	3
CSCE 4355, Database Administration (CSCE 4350)	3	Supporting Area course (see note 4)	3
CSCE 4550, Computer Security (CSCE 3600)	3	Supporting Area course (see note 4)	<u>3</u>
CSCE 4905, Capstone I (CSCE 3055, CSCE 3615)	<u>3</u>	Total Hours	15
Total Hours	18		

Notes:

Note 1: MATH 1710 requires one of the following as prerequisite: completion of MATH 1650 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.

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**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 1650 Pre-Calculus (see note 1)

**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.**