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		SPRING	
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
Communication Core course	3	TECM 2700, Technical Writing (Communication Core)	3
Total Hours	15	University Core course	3
		Total Hours	16

SOPHOMORE YEAR

FALL		SPRING	
CSCE 2100, Foundations of Computing (CSCE 1040)	3	CSCE 2110, Foundations of Data Structure (CSCE 1040)	3
Supporting Area course (see note 4)	3	CSCE 3600, Systems Programming (CSCE 2100)	3
University Core course	3	Supporting Area course (see note 4)	3
University Core course	3	University Core course	3
University Core course	3	University Core course	3
Total Hours	15	Total Hours	15

JUNIOR YEAR

FALL		SPRING	
CSCE 3055, IT Project Management (CSCE 2100)	3	CSCE 4010, Social Issues (CSCE 3600)	3
CSCE 3220, Human Computer Interfaces (CSCE 2110)	3	CSCE 3605, Systems Administration (CSCE 3600)	3
CSCE 3420, Internet Programming (CSCE 2110)	3	CSCE 3615, Enterprise Systems Arch. (CSCE 2100)	3
CSCE 3530, Computer Networks (CSCE 3600)	3	CSCE 4350, Database Systems (CSCE 2110)	3
Supporting Area course (nee note 4)	3	University Core course	3
Total Hours	15	Total Hours	15

SENIOR YEAR

FALL		SPRING	
CSCE 4535, Network Administration (CSCE 3530)	3	CSCE 4925, Capstone II (CSCE 4905)	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)	3
CSCE 4905, Capstone I (CSCE 3055, CSCE 3615)	3	Supporting Area course (see note 4)	3
Supporting Area course (see note 4)	3	Total Hours	12
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.