



FRESHMAN

Semester 1 (Spring)		Semester 2 (Summer)	
CHM 2045 General Chemistry 1 (GE-P)	3	MAC 2312 Analytical Geometry and Calculus 2 (GE-M)	4
CHM 2045L General Chemistry 1 Laboratory	1	PHY 2048 Physics 1 (GE-P)	3
COP 3502 Intro to Programming 1	3	PHY 2048L Physics 1 Lab (GE-P)	1
MAC 2311 Analytical Geometry and Calculus 1 (GE-M)	4	COP 3503 Intro to Programming 2	3
IDS 1940 Creativity in Context (ID Elective)	2	IDS 1359 Creativity-in-Action (ID Elective)	2
SLS 1102 First Year Florida	1	COT 3100 Discrete Structures	3
ENC 1101 or ENC 1102 (Ge-C, 6k WR)	3		
TOTAL	17	TOTAL	16

SOPHOMORE

Semester 3 (Spring)		Semester 4 (Summer)	
MAC 2313 Analytical Geometry and Calculus 3 (GE-M)	4	STA 3032 Engineering Statistics	3
PHY 2049 Physics 1 (GE-P)	3	Humanities (State Core GE-H)	3
PHY 2049L Physics 1 Lab (GE-P)	1	ENT3003 Principles of Entrepreneurship or ENG 4641 Engineering Entrepreneurship (ID Elective)	3-4
COP 3530 Data Structures and Algorithms	4	MAS 3114 Linear Algebra	3
CDA 3101 Computer Organizations	3		
TOTAL	15	TOTAL	12-13

JUNIOR

Semester 5 (Spring)		Semester 6 (Summer)	
CIS 4301 Data Base Systems	3	Social Sciences (State Core GE-S)	3
COT 4501 Numerical Analysis	3	ENC 3246 Professional Comm. for Engineers (State Core GE-C, WR-6)	3
PHI 3641 Conduct, Change & Consequences (ID Elective, GE-H, 4K WR)	3	EEL 3701C Digital Logic	4
CEN 3031 Software Engineering	3	EGN 4038 Engineering Leadership (ID Elective)	3
CISE Technical Elective	3		
TOTAL	15	TOTAL	13

SENIOR

Semester 7 (Spring)		Semester 8 (Summer)	
Humanities/Social Sciences (GE-H/S)	3	Humanities/Social Sciences (GE-H/S)	6
COP 4600 Operating Systems	3	Communications Course	3
CISE Technical Electives (2 courses)	6	IDS 4950 Innovation Academy Senior Project or ENT4015 The Venture Accelerator (ID Elective)	2
EGS 4034 Engineering Ethics	1	CISE Technical Elective (research project)	3
TOTAL	13	TOTAL	14

Semester 9 (Spring)	
CNT 4007C Comp. Network Fund	4
CISE Technical Elective	3
CIS 4914 Senior Project	3
TOTAL	10

TOTAL CREDITS TO DEGREE= 125-126

Last updated: June 2019

*Please follow the plan for the CS courses as closely as you are able.

**Note, in general, CS courses after COP 3530 are not offered in Summer. You should expect to take as many CS courses in the Spring term as possible after semester 3.

***Additional option – during the Summer semester students can set up undergraduate research (up to 3 credits, repeatable up to 8 hours), applicable to CISE Technical Electives. See CISE Advisors for more information