



College of Engineering Computer Science

Bachelor of Science with Innovation Minor

Suggested Schedule*

FRESHMAN

Semester 1 (Spring)

CHM 2045 General Chemistry 1 (GE-P)	3
CHM 2045L General Chemistry 1 Laboratory	1
COP 3502 Intro to Programming 1	3
MAC 2311 Analytical Geometry and Calculus 1 (GE-M)	4
IDS 1353 Creativity in Context (ID Elective)	2
SLS 1102 First Year Florida	1
Total	14

Semester 2 (Summer)

MAC 2312 Analytical Geometry and Calculus 2 (GE-M)	4
COP 3503 Intro to Programming 2	3
IDS 1359 Creativity-in-Action (ID Elective)	2
PHY 2048 Physics 1 (GE-P)	3
PHY 2048L Physics 1 Lab (GE-P)	1
Total	13

SOPHOMORE

Semester 3 (Spring)

MAC 2313 Analytical Geometry and Calculus 3 (GE-M)	4
PHY 2049 Physics 2 (GE-P)	3
PHY 2049L Physics 2 Lab(GE-P)	1
COT 3100 Discrete Structures	3
CDA 3101 Computer Organizations	3
Total	14

Semester 4 (Summer)

STA 3032 Engineering Statistics	3
Humanities (State Core GE-H)	3
ENT3003 Principles of Entrepreneurship or ENG 4641 Engineering Entrepreneurship (ID Elective)	3-4
MAS 3114 Linear Algebra	3
Total	12-13

JUNIOR

Semester 5 (Spring)

CIS 4301 Data Base Systems	3
COT 4501 Numerical Analysis	3
PHI 3641 Conduct, Change & Consequences (ID Elective, GE-H, 4K WR)	3
COP 3530 Data Structures and Algorithms	4
Total	13

Semester 6 (Summer)

GE-S Elective (State Core)	3
ENC 3246 Professional Comm. for Engineers (State Core GE-C, WR-6)	3
EEL 3701C Digital Logic	4
EGN 4038 Engineering Leadership (ID Elective)	3
Total	13

SENIOR

Semester 7 (Spring)

CEN 3031 Software Engineering	3
COP 4600 Operating Systems	3
CISE Technical Electives (2 courses)	6
EGS 4034 Engineering Ethics	1
Total	13

Semester 8 (Summer)

GE-S Elective	6
Comm. Course	3
IDS 4950 Innovation Academy Senior Project or ENT4015 The Venture Accelerator (ID Elective)	2
CISE Technical Elective (research project)	3
Total	14

Total Credits to Degree = 119-120

Semester 9 (Spring)

CNT 4007C Comp. Network Fund	4
CISE Technical Electives (2 courses)	6
CIS 4914 Senior Project	3
Total	13

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

**Note, CS courses other than COP 3503 are *not* offered in Summer due to faculty Fall-Spring contracts. You should expect to take as many CS courses in the Spring term as possible.

***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