



COLLEGE OF ENGINEERING

Computer Science

Bachelor of Science with General Concentration Innovation Minor

*Suggested Schedule**

FIRST YEAR			
Semester 1 (Spring)		Semester 2 (Summer)	
COP3502C Intro to Programming 1	4	COP3503C	4
ENC1101 English Composition (GE-C) WR6	3	COT3100	3
IDS 1940 Creativity and Design Thinking for Innovation	2	IDS 1359 Innovation in Action	2
MAC2311 Analytic Geometry and Calculus 1	4	MAC2312 Analytic Geometry and Calculus 2	4
TOTAL	13	TOTAL	13
SECOND YEAR			
Semester 3 (Spring)		Semester 4 (Summer)	
CDA3101 Computer Organization	3	Gen Ed - State Core Social Science	3
COP3530 Data Structures & Algorithms	4	EGN4641 Engineering Entrepreneurship**	3
MAC2313 Analytic Geometry & Calculus 3	4	MAS3114 Computational Linear Algebra	3
PHY2048 Phycs with Calculus 1	4	PHY2049 Physics with Calculus 2	3
PHY2048L Physics w/ Calculus 1 Lab		PHY2049L Physics w/ Calculus 2 Lab	
TOTAL	14	TOTAL	13
THIRD YEAR			
Semester 5 (Spring)		Semester 6 (Summer)	
CEN3031 Software Engineering	3	STA3032 Engineering Statistics	3
CIS4031 Database Systems	3	ENC3246 Professional Communication (GE-C) WR6	3
CISE Technical Elective	4	Gen Ed - State Core Humanities - N	3
PHI3641 Ethics and Innovation (GE-H) 2K	3	CISE Technical Elective	2
Gen Ed - WR 6K	3	TOTAL	12
TOTAL	15		
FOURTH YEAR			
Semester 7 (Spring)		Semester 8 (Summer)	
CISE Technical Electives	3	Approved Communications Course ¹	3
COP4020 Programming Language Concepts	3	ENT4015 The Venture Accelerator or IDS4940 Innovation Academy Senior Project	2
COP4600 Operating Systems	3	Gen Ed - Social Science ¹	3
EGS 4038 Engineering Leadership ² or AEC3410 Innovation Through Leadership	3	Gen Ed - Physical or Biological Science ³	2
	1	TOTAL	11
TOTAL	13		
FIFTH YEAR			
Semester 9 (Spring)		<p>TOTAL CREDITS TO DEGREE = 120</p> <p><i>* For Detailed tracking and degree requirements please refer to the UF catalog.</i></p> <p><i>** Alternate course choices exist.</i></p> <p>¹Select a WR course if writing requirement is not met</p> <p>²Also counts as CISE technical elective</p> <p>³Can be any combination of GE-B/P courses 2K or above</p> <p>Last Updated November 2024</p>	
CIS4914 Senior Project	3		
CISE Technical Elective (2 courses)	6		
CNT4007C Computer Network Fundamentals	3		
COP4533 Algorithm Abstraction & Design	3		
TOTAL	15		