



**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 Programming Fundamentals II	4
ENC1101 English Composition (GE-C) WR6	3	COT3100 Discrete Structures	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
<b>TOTAL</b>	<b>13</b>	<b>TOTAL</b>	<b>13</b>
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 Physics with Calculus 1	4	PHY2049 Physics with Calculus 2	3
PHY2048L Physics w/ Calculus 1 Lab	1	PHY2049L Physics w/ Calculus 2 Lab	1
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>13</b>
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
PHI2631 Ethics and Innovation (GE-H, 2K WR)	3	CISE Technical Elective	2
Gen Ed - WR 6K	3	<b>TOTAL</b>	<b>12</b>
<b>TOTAL</b>	<b>15</b>		
FOURTH YEAR			
Semester 7 (Spring)		Semester 8 (Summer)	
CISE Technical Electives	3	Approved Communications Course <sup>1</sup>	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 <sup>1</sup>	3
EGS 4038 Engineering Leadership <sup>2</sup> or AEC3410 Innovation Through Leadership	3	Gen Ed - Physical or Biological Science <sup>3</sup>	2
	1	<b>TOTAL</b>	<b>11</b>
<b>TOTAL</b>	<b>13</b>		
FIFTH YEAR			
Semester 9 (Spring)		<p><b>TOTAL CREDITS TO DEGREE = 121</b></p> <p>* For Detailed tracking and degree requirements please refer to the <i>UF catalog</i>.            ** Alternate course choices exist.  <sup>1</sup>Select a WR course if writing requirement is not met  <sup>2</sup>Also counts as CISE technical elective  <sup>3</sup>Can be any combination of GE-B/P courses 2K or above</p> <p><b>Last Updated February 2025</b></p>	
CIS4914 Senior Project	3		
CISE Technical Elective (2 courses)	6		
CNT4007C Computer Network Fundamentals	3		
COP4533 Algorithm Abstraction & Design	3		
<b>TOTAL</b>	<b>15</b>		