

**Bachelor's of Science in Computer Science
Four-Year Plan of Study (2015-2016)**

FRESHMAN	FALL		SPRING	
	COMM 101: Fundamentals of Communication <i>DLN</i>	3	CS 121: Computer Science I	3
	Engl 101: Introduction To College Writing	3	CS 121L: Computer Science I Lab	1
	Math 170: Calculus 1 <i>DLM</i>	4	PHIL 102: Classics Of Western Philosophy <i>DLL</i>	3
	UF 100: Intellectual Foundations	3	Math 175: Calculus II	4
	General Elective	1	ENGL 102: Introduction To College Writing And Research	3
	Semester Total	14	Semester Total	14

SOPHOMORE	FALL		SPRING	
	CS 221: Computer Science II	3	CS 230: Ethical Issues In Computing <i>CID</i>	3
	ENGL 202: Technical Communication <i>DLS</i>	3	CS 253: Intro. To Systems Programming	3
	UF 200: Civil And Ethical Foundations	3	ECE 230/L: Digital Systems & Lab	4
	PHYS 211/L: Physics I With Calculus & Lab Or CHEM 111/L: General Chemistry I & Lab <i>DLN</i>	4-5	PHYS 212/L: Physics II With Calculus & Lab Or CHEM 112/L: General Chemistry II & Lab	4-5
	MATH 189: Discrete Mathematics	4	General Elective	1
	Semester Total	17-18	Semester Total	15-16

JUNIOR	FALL		SPRING	
	CS 321: Data Structures	3	CS 361: Intro. To The Theory Of Computation	3
	CS 354: Programming Languages	3	CS 441: Computer Architecture	3
	ECE 330/L: Microprocessors & Lab	4	Additional CS Course*	3
	MATH 360: Engineering Statistics Or MATH 361: Probability And Statistics I	3	Science Elective* <i>DLN</i>	4-5
	Visual And Performing Arts Elective* <i>DLV</i>	3	Math Elective*	3-4
	Semester Total	16	Semester Total	16-18

SENIOR	FALL		SPRING	
	CS 453: Operating Systems	3	CS 481: Senior Design Project	3
	CS 471: Software Engineering	3	CS 488: Senior Outcome Assessment	0
	CS 421: Design And Analysis Of Algorithms	3	Two Additional CS Courses*	6
	Additional CS Course*	3	CS 498: Seminar <i>FF</i>	1
	General Elective	3	General Electives To Total 120 Credits	0-3
	Semester Total	15	Semester Total	10-13

*SEE CATALOG FOR ADDITIONAL REQUIREMENTS

TOTAL PROGRAM CREDITS 120