

Bachelor's of Science in Computer Science Four-Year Plan of Study (2011-2012)

FRESHMAN	FALL		SPRING	
	COMM 101: Fundamentals of Speech Communication	3	COMPSCI 125: Introduction to Computer Science I	4
	ENGL 101: English Composition	3	ENGL 102: English Composition	3
	MATH 170: Calculus 1	4	ENGR 102: The Ethical Dimensions of Technology OR PHIL 101: Introduction to Philosophy	3
	AREA I ELECTIVE*	3	MATH 175: Calculus II	4
	GENERAL ELECTIVE (e.g. COMPSCI 120)	0-3		
	<i>Semester total</i>	<i>13-16</i>	<i>Semester total</i>	<i>14</i>

SOPHOMORE	FALL		SPRING	
	COMPSCI 225: Introduction to Computer Science II	4	COMPSCI 230: Ethical Issues in Computing	2
	ENGL 202: Technical Writing	3	COMPSCI 253: Object-Oriented Program Development in C	2
	MATH 187: Discrete & Foundational Mathematics	4	ECE 230/L: Digital Systems & Lab	4
	PHYS 211: Physics I OR CHEM 111/L: General Chemistry I & Lab	4-5	PHYS 212: Physics II OR CHEM 112/L: General Chemistry II & Lab	4-5
			AREA II ELECTIVE*	3
	<i>Semester total</i>	<i>15-16</i>	<i>Semester total</i>	<i>15-16</i>

JUNIOR	FALL		SPRING	
	COMPSCI 342: Data Structures & Algorithms	4	COMPSCI 361: Theory of Computation	3
	COMPSCI 354: Programming Languages	3	COMPSCI 441: Computer Architecture	3
	ECE 330/L: Microprocessors & Lab	4	COMPSCI ELECTIVE*	3
	MATH 360: Engineering Statistics OR MATH 361: Probability and Statistics	3	MATH ELECTIVE*	3-4
	AREA I ELECTIVE*	3	SCIENCE ELECTIVE*	4-5
	<i>Semester total</i>	<i>17</i>	<i>Semester total</i>	<i>16-18</i>

SENIOR	FALL		SPRING	
	COMPSCI 453: Operating Systems	4	COMPSCI 450: Programming Language Translation	4
	COMPSCI 471: Software Engineering	3	COMPSCI 488: Senior Outcome Assessment	0
	COMPSCI ELECTIVE*	3	COMPSCI 498: Seminar	1
	AREA I ELECTIVE*	3	COMPSCI ELECTIVE*	3
	AREA II ELECTIVE*	3	AREA II ELECTIVE*	3
	<i>Semester total</i>	<i>16</i>	<i>Semester total</i>	<i>11</i>

Total Program Credits *120*

*See Catalog for Additional Requirements.