BACHELOR OF SCIENCE (120 cr. hours)

Computer and Information Sciences   College of Liberal Arts and Sciences

4-Year Degree Plan [for students entering CLAS Fall 2013 or later]

YEAR ONE

Fall Semester (13 cr. hours)

	course title	credits	grade
	CSCI-B 100 Problem Solving Using Computers	4	
FL Quantitative Reasoning	MATH-M 126 Trigonometric Functions	2	
FL Writing	ENG-W 131 Elementary Composition 1	3	
FL Information Literacy	COAS-Q 110 Introduction to Information Literacy	1	
	World Language I	3	

Spring Semester (15 cr. hours)

	course title	credits	grade
FL Computer Literacy	CSCI-C 101 Computer Programming I	4	
FL Quantitative Reasoning	MATH-M 215 Calculus I	5	
FL Oral Communication	SPCH-S 121 Public Speaking	3	
	World Language II	3	

YEAR TWO

Fall Semester (15 cr. hours)

	course title	credits	grade
	CSCI-C 151 Multiuser Operating Systems	2	
	CSCI-C 201 Computer Programming II	4	
	MATH-M 301 Linear Algebra and Applications	3	
CC Literary and Intellectual Traditions	ENG-T 190 Literary and Intellectual Traditions	3	
FL Critical Thinking	CSCI-C 250 Discrete Structures	3	

Spring Semester (15 cr. hours)

	course title	credits	grade
	CSCI-C 243 Introduction to Data Structures	4	
	CSCI-C 335 Computer Structures	4	
FL Fundamental Literacies	INFO-I 310 Multimedia Arts and Technology	3	
CSV Health and Wellness	HPER-E 133 Fitness and Jogging I	1	
CSV Diversity in United States Society	SOC-S 161 Principles of Sociology	3	

YEAR THREE

Fall Semester (16 cr. hours)

	course title	credits	grade
	CSCI-C 308 System Analysis and Design	4	
	MATH-M 260 Combinatorial Counting and Probability	3	
	BIOL-L 101 Introduction to Biological Sciences 1	5	
	MUS-P 101 Piano Class 1	1	
	CSCI-B 401 Fundamentals of Computing Theory	3	

Spring Semester (15 cr. hours)

	course title	credits	grade
	CSCI-C 455 Analysis of Algorithms	3	
	CSCI-C 311 Programming Languages	3	
	MATH-M 261 Statistical Inferences	2	
	PHYS-P 303 Digital Electronics	4	
	INFO-I 202 Social Informatics	3	

YEAR FOUR

Fall Semester (15 cr. hours)

	course title	credits	grade
	CSCI-C 4XX Computer Science Elective	3	
	PHYS-P 221 Physics 1	5	
CC Common Core	BIOL-N 390 The Natural World	3	
CSV Contemporary Social Values	NURS-B 109 Personal Health and Wellness	1	
	CSCI-C 4XX Computer Science Elective	3	

Spring Semester (16 cr. hours)

	course title	credits	grade
	CSCI-C 435 Operating Systems 1	4	
	CSCI-C 4XX Computer Science Elective	3	
CC Common Core	PSY-B 190 Human Behavior and Social Institutions	3	
CC Common Core	FINA-A 190 Art, Aesthetics, and Creativity	3	
CSV Contemporary Social Values	ANTH-E 105 Culture and Society	3	

FL Fundamental Literacies   CSV Contemporary Social Values   CC Common Core* (*at least one Common Core class must be at the 300 level*).

At the end of the second year, the student's file will be reviewed by the LAS faculty for official acceptance as a declared major in the area.

Students must complete at least 30 credit hours in 300 or 400 level courses. Assumes student enters with a Level 5 Math Placement exam score and Level 4 English Placement exam score.