

Computer Science - Information Systems Concentration

Bachelor of Science

NAME:

W#:

	Grade	Semester	Minimum Grade of D Required:	Grade	Semester	Minimum Grade of C required:	
ENGLISH (12 hrs)			ENGL 101 Freshman Composition (3 hrs)			MATH 200 Calculus I (5 hrs)	MATH (16 hrs)
			ENGL 102 Critical Reading and Writing (3 hrs)			MATH 201 Calculus II (5 hrs)	
			ENGL 230, 231 <i>or</i> 232 (3 hrs)			MATH 380 ¹ Applied Statistics with Probability (3 hrs)	
			ENGL 322 Intro to Prof and Technical Writing (3 hrs)			MATH Elective ¹ (3 hrs)	
NATURAL SCIENCE (15 hrs)			Science Sequence I Lecture (3 hrs)	Math Electives Choices: 312, 350, 360, 370, 410, or 414			Computer Science (51 hrs)
			Science Sequence I Lab (1 hr)	¹ A minimum grade of "D" is required in MATH 380 and the MATH electives.			
			Science Sequence II Lecture (3 hrs)			CMPS 120 Microcomputers and BASIC Programming (3 hrs)	
			Science Sequence II Lab (1 hr)			CMPS 161 Algorithm Design & Implementation I (3 hrs)	
			Science Course Lecture (3 hrs)			CMPS 257 Discrete Structures (3 hrs) (<i>Can be substituted with MATH 223</i>)	
			Science Course Lab (1 hr)			CMPS 280 Algorithm Design & Implementation II (3 hrs)	
			Science Course Lecture (3 hrs)			CMPS 285 Software Engineering (3 hrs)	
	Biology 151/152 must be taken. A two-course sequence of lectures/lab coursework must be taken: either Biology 151/152 & 153/154 or Physics 221/223 & Physics 222/224 or Chemistry 121/123 & 122/124. All science course must come from the above set of science courses.					CMPS 290 Computer Organization or CMPS 293 Assembly Language (3 hrs) CMPS 375 Computer Architecture (3 hrs)	
Business (12 hrs)			ACCT 200 Introduction of Financial Accounting (3 hrs)			CMPS 390 Data Structures (3 hrs)	
			ECON 201 Macroeconomics or ECON 202 Microeconomics (3 hrs)			CMPS 401 Survey of Programming Languages (3 hrs)	
			FIN 381 Business Finance (3 hrs)			CMPS 411 Capstone I (3 hrs)	
			OMIS 310 Management Science (3 hrs)			CMPS 415 Integrated Technologies for Enterprise Systems (3 hrs)	
OTHER (14 hrs)			ART, DNCE, MUS, or THEA (3 hrs)			CMPS 431 Operating Systems(3 hrs)	
			HIST Elective (3 hrs)			CMPS 439 Database Systems (3 hrs)	
			COMM 211 Introduction to Public Speaking (3 hrs)			CMPS 482 Current Trends in Computer Science (3 hrs)	
			Social Science (3 hrs)			CMPS 300-400 Level Elective (3 hrs)	
	Social Science Choices: Anthropology, Economics, Geography, Psychology, Political Science or Sociology.					CMPS 300-400 Level Elective (3 hrs)	
			SE 101 or Free Elective (2 hrs)				
SE 101 is not required of transfer or re-admitted Southeastern students with 30 hours or more.							

LAST UPDATED: 05/22/2013

TOTAL MAJORS HOURS: 51 TOTAL SEMESTER HOURS: 120

(NOTE: ½ of all major hours must be taken at Southeastern.)