

## Computer Science - Pre MBA Concentration

### Bachelor of Science

NAME:

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	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 (13 hrs)
			ENGL 102 Critical Reading and Writing (3 hrs)			MATH 201 Calculus II (5 hrs)	
			ENGL 230, 231 <u>or</u> 232 (3 hrs)			MATH 380 Applied Statistics with Probability (3 hrs)	
			ENGL 322 Intro to Prof and Technical Writing (3 hrs)				
NATURAL SCIENCE (15 hrs)			Science Sequence <sup>1</sup> I Lecture (3 hrs)			CMPS 120 Visual Programming (3 hrs)	Computer Science (45 hrs)
			Science Sequence I Lab (1 hr)			CMPS 161 Algorithm Design & Implementation I (3 hrs)	
			Science Sequence II Lecture (3 hrs)			CMPS 257 Discrete Structures or MATH 223 Foundations of Discrete Mathematics (3 hrs)	
			Science Sequence II Lab (1 hr)			CMPS 280 Algorithm Design & Implementation II (3 hrs)	
			Science Course Lecture (3 hrs)			CMPS 285 Software Engineering (3 hrs)	
			Science Course Lab (1 hr)			CMPS 290 Computer Organization or CMPS 293 Assembly Language (3 hrs)	
			Science Course Lecture (3 hrs)			CMPS 375 Computer Architecture (3 hrs)	
Pre MBA (21 hrs)			ACCT 200 Introduction to Financial Accounting (3 hrs)			CMPS 383 Information Systems (3 hrs)	
			ECON 201 Macroeconomics (3 hrs)			CMPS 390 Data Structures (3 hrs)	
			FIN 381 Business Finance (3 hrs)			CMPS 401 Survey of Programming Languages (3 hrs)	
			MGMT 351 Principles of Management (3 hrs)			CMPS 411 Capstone I (3 hrs)	
			MRKT 303 Principles of Marketing (3 hrs)			CMPS 415 Integrated Technologies for Enterprise Systems (3 hrs)	
			BLAW 231 The Legal Environment of Business (3 hrs)			CMPS 431 Operating Systems (3 hrs)	
			Pre-MBA Elective (3 hrs): Choose one from MRKT 314, MRKT 342, ACCT 225, MGMT 375, MGMT 473, OMIS 435.			CMPS 439 Database Systems (3 hrs)	
Other (14 hrs)			ART, DNCE, MUS, <u>or</u> THEA (3 hrs)			CMPS 482 Current Trends in Computer Science (3 hrs)	
			HIST Elective (3 hrs)			Grade of "C" or better in all Computer Science courses and in Math 200 and 201.	
			COMM 211 Introduction to Public Speaking (3 hrs)				
			ECON 202 Microeconomics (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.				
			<sup>1</sup> Choose a science sequence; including labs, from (Physics 221/223 & 222/224) or (Biology 151/152 & 153/154) or (Chemistry 121/123 & 122/124), and two science electives from the same set of courses, one of which must include the corresponding lab. If a science elective is in biology, then the science sequence must be either physics or chemistry. If science sequence is in biology, then the science electives must be in physics and/or chemistry. At least one biology course must include a lab.				

LAST UPDATED: 07/05/2018

TOTAL MAJORS HOURS: 51 TOTAL SEMESTER HOURS: 120

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

\*Students wishing to enter Southeastern's MBA program upon graduation would be required to (1) complete BLAW 231 either prior to or in their first semester as an MBA student, (2) have a minimum 2.75 cumulative grade point average, and (3) score a minimum of 450 on the GMAT.