

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 (3hrs)			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)	¹ A minimum grade of "D" is required in MATH 380			
NATURAL SCIENCE (15 hrs)			GBIO 151 - General Biology 1 (3 hrs)			CMPS 120 Visual Programming (3 hrs)	COMPUTER SCIENCE (45 hrs)
			BIOL 152 - Biology Lab 1 (1 hrs)			CMPS 161 Algorithm Design & Implementation I (3 hrs)	
			Science Course ² Lecture (3 hrs)			CMPS 257 Discrete Structures <i>or</i> MATH Foundations of Discrete Math (3 hrs)	
			Science Course ² Lab (1 hrs)			CMPS 280 Algorithm Design & Implementation II (3 hrs)	
			Science Course ² Lecture (3 hrs)			CMPS 285 Software Engineering (3 hrs)	
			Science Course ² Lab (1 hrs)			CMPS 290 Computer Organization <i>or</i> CMPS 293 Assembly Language (3 hrs)	
			Science Course Lecture (3 hrs)			CMPS 375 Computer Architecture (3 hrs)	
PreMBA (12 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, DNC, MUS, HONR <i>or</i> 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)	² Choose a two-course science sequence of lectures/lab coursework from the same set of courses: either (Biology 151/152 & 153/154) <i>or</i> (Physics 221/223 & 222/224) <i>or</i> (Chemistry 121/123 & 122/124). All must come from the above set of science courses. If a science elective is in biology, then the science sequence must be either physics or chemistry. If science sequence is in physics, then the science electives must be in physics and/or chemistry. At least one biology course must include a lab.			
			ECON 202 Microeconomics (3 hrs)				
			SE 101 <i>or</i> Free Elective (2 hrs)				
<small>SE 101 is not required of transfer or re-admitted Southeastern students with 30 hours or more.</small>							

LAST UPDATED: 04/08/2020

TOTAL MAJORS HOURS: 45 TOTAL SEMESTER HOURS: 120

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