

## 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:	
<b>ENGLISH (12 hrs)</b>			<b>ENGL 101</b> Freshman Composition (3 hrs)			<b>MATH 200</b> Calculus I (5 hrs)	<b>MATH (13 hrs)</b>
			<b>ENGL 102</b> Critical Reading and Writing (3 hrs)			<b>MATH 201</b> Calculus II (5 hrs)	
			<b>ENGL 230, 231 <u>or</u> 232</b> (3 hrs)			<b>MATH 380</b> <sup>1</sup> Applied Statistics with Probability (3 hrs)	
			<b>ENGL 322</b> Intro to Prof and Technical Writing (3 hrs)	<sup>1</sup> A minimum grade of "D" is required in <b>MATH 380</b>			
<b>NATURAL SCIENCE (15 hrs)</b>			<sup>1</sup> <b>GBIO 151</b> - General Biology I (3 hrs)			<b>CMPS 161</b> Algorithm Design & Implementation I (3 hrs)	<b>COMPUTER SCIENCE (45 hrs)</b>
			<sup>1</sup> <b>BIOL 152</b> - Biology Lab I (1 hr)			<b>CMPS 257</b> Discrete Structures <u>or</u> ( <b>MATH 223</b> Can be substituted) (3 hrs)	
			<sup>1</sup> <b>Science Course</b> Lecture (3 hrs)			<b>CMPS 280</b> Algorithm Design & Implementation II (3 hrs)	
			<sup>1</sup> <b>Science Course</b> Lab (1 hr)			<b>CMPS 285</b> Software Engineering (3 hrs)	
			<sup>1</sup> <b>Science Course</b> Lecture (3 hrs)			<b>CMPS 290</b> Computer Organization <u>or</u> <b>CMPS 293</b> Assembly Language (3 hrs)	
			<sup>1</sup> <b>Science Course</b> Lab (1 hr)			<b>CMPS 340</b> Introduction to Data Science (3 hrs)	
			<sup>1</sup> <b>Science Course</b> Lecture (3 hrs)			<b>CMPS 375</b> Computer Architecture (3 hrs)	
<b>PreMBA (12 hrs)</b>			<b>ACCT 200</b> Introduction to Financial Accounting (3 hrs)			<b>CMPS 383</b> Information Systems (3 hrs)	<b>COMPUTER SCIENCE (45 hrs)</b>
			<b>ECON 201</b> Macroeconomics (3 hrs)			<b>CMPS 390</b> Data Structures (3 hrs)	
			<b>FIN 381</b> Business Finance (3 hrs)			<b>CMPS 401</b> Survey of Programming Languages (3 hrs)	
			<b>MGMT 351</b> Principles of Management (3 hrs)			<b>CMPS 411</b> Capstone I (3 hrs)	
			<b>MRKT 303</b> Principles of Marketing (3 hrs)			<b>CMPS 415</b> Integrated Technologies for Enterprise Systems (3 hrs)	
			<b>BLAW 231</b> The Legal Environment of Business (3 hrs)			<b>CMPS 431</b> Operating Systems (3 hrs)	
			<b>Pre-MBA Elective</b> (3 hrs): Choose one from MRKT 314, MRKT 342, ACCT 225, MGMT 375, MGMT 473, OMIS 435.			<b>CMPS 439</b> Database Systems (3 hrs)	
<b>OTHER (14 hrs)</b>			<b>ART, DNC, MUS, HONR <u>or</u> THEA</b> (3 hrs)			<b>CMPS 482</b> Current Trends in Computer Science (3 hrs)	<b>COMPUTER SCIENCE (45 hrs)</b>
			<b>HIST</b> Elective (3 hrs)	Grade of "C" or better in <b>ALL</b> Computer Science courses and in <b>Math 200</b> and <b>201</b> .			
			<b>COMM 211</b> Introduction to Public Speaking (3 hrs)	<sup>1</sup> Choose a <b>two-course sequence</b> of lectures & lab coursework from: either (Biology 151/152 & 153/154) or (Physics 221/223 & 222/224) or (Chemistry 121/123 & 122/124). All science course must come from the above set of science courses. If the science sequence is biology, then the science electives must be in either physics or chemistry. At least one biology course must include a lab. Note that some of these science courses require additional math prerequisites.			
			<b>ECON 202</b> Microeconomics (3 hrs)				
			<b>SE 101 <u>or</u> Free Elective</b> (2 hrs)				
			<sup>1</sup> SE 101 is not required of transfer or re-admitted Southeastern students with 30 hours or more.				