

COMPUTER SCIENCE SCIENTIFIC CONCENTRATION

NAME:					W#					
Grade	Hrs	Pts	Semester	Minimum Grade of "D" Required:	Grade	Hrs	Pts	Semester	Minimum Grade of "C" Required:	
ENGLISH (12 hrs)	3	0	ANY	ENGL 101 Freshman Composition	5	0	ANY	MATH 200 Calculus I		
	3	0	ANY	ENGL 102 Critical Reading and Writing	5	0	FA / SP	MATH 201 Calculus II		
	3	0	ANY	ENGL 230, 231 or 232 Literature	3	0	FA / SP	MATH 380 ¹ Applied Statistics with Probability		
	3	0	ANY	ENGL 322 Intro to Professional and Technical Writing	3	0	FA / SP	MATH Elective ¹		
NATURAL SCIENCE (15 hrs)	3	0	ANY	Science Sequence 1 Lecture	3	0	FA / SP	MATH Elective ¹		
	1	0	ANY	Science Sequence 1 Lab	Math Electives Choices: 312, 350, 360, 370, 410, or 414					
	3	0	ANY	Science Sequence II Lecture	¹ A minimum grade of "D" is required in MATH 380 and the MATH electives					
	1	0	ANY	Science Sequence II Lab	3	0	ANY	CMPS 161 Algorithm Design & Implementation I		
	3	0	ANY	Science Course Lecture	3	0	ANY	MATH 223 Foundations of Discrete Math OR CMPS 257 Discrete Structures Note: MATH 223 is highly recommended		
	1	0	ANY	Science Course Lab	3	0	ANY	CMPS 280 Algorithm Design & Implementation II		
	3	0	ANY	Science Course Lecture	3	0	ANY	CMPS 285 Software Engineering		
	GBIO 151/BIOL 152 must be taken. A two-course sequence of lectures/lab coursework must also be taken: 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 courses.					3	0	ANY	CMPS 290 Computer Organization OR CMPS 293 Assembly Language	
	3	0	ANY	Free Elective	3	0	SP ONLY	CMPS 375 Computer Architecture		
	ELECTIVES (9 hrs)	3	0	ANY	Free Elective	3	0	ANY	CMPS 390 Data Structures	
3		0	ANY	Free Elective	3	0	FA / SP	CMPS 391 Numerical Methods OR MATH 392 Numerical Methods		
3		0	ANY	Free Elective	3	0	FA ONLY	CMPS 401 Survey of Programming Languages		
GENERAL EDUCATION (17 hrs)	3	0	ANY	Art/Music Elective	3	0	ANY	CMPS 411 Capstone I		
	3	0	ANY	HIST Elective	3	0	SP ONLY	CMPS 415 Integrated Technologies for Enterprise Systems		
	3	0	ANY	COMM 211 Introduction to Public Speaking	3	0	ANY	CMPS 431 Operating Systems		
	3	0	ANY	ECON 201 Macroeconomics OR ECON 202 Microeconomics	3	0	SP ONLY	CMPS 479 Automata and Formal Languages		
	3	0	ANY	Social Science Elective	3	0	ANY	CMPS 482 Current Trends in Computer Science		
	Social Science Elective Choices: Anthropology, Criminal Justice, Geography, Psychology, Political Science, or Sociology.					3	0	ANY	Computer Science Elective (300-400 level) ²	
	Art/Music Elective Choices: Visual Arts, Music, Dance, or Theatre					3	0	ANY	Computer Science Elective (300-400 level) ²	
	2	0	ANY	SE 101 or Free Elective	3	0	ANY	Computer Science Elective (300-400 level) ²		
	Southeastern 101 is not required of transfer or re-admitted Southeastern students with 30 hours or more.					² Can not use CMPS 333. CMPS 400 can only fill 3 CMPS Elective hours. * Grade of "C" or better in all CMPS courses and in Math 200 and 201.				

LAST UPDATED: 07/07/2021

NOTE: 1/2 of all major hours must be taken at Southeastern

CUM GPA: No grades entered
 MAJ GPA: No grades entered
 SELU GPA: No grades entered

0 of 120 TOTAL SEMESTER HOURS (out of 120)
 0 of 48 TOTAL MAJORS HOURS (out of 48)

GPA calculation only considers courses listed on this sheet, so it may not be accurate.