

Academic Advising Worksheet

Computer Science

Student Name: _____ J# _____ Date: _____

Program Core Courses- Computer Science	Number of Credits	Prerequisite or Corequisite	Courses Completed	Courses Needed
Computer Science				
CSCI 111 Programming and Algorithm Development I	4	Math 161 or equivalent		
MATH 163 Discrete Mathematics	4	Math 161		
CSCI 112 Programming and Algorithm Development II	4	CSCI 111 or Dept Approval		
CSCI 211 Data Structures and Algorithms	4	CSCI 112 and 121 or Dept. Approval		
CSCI 212 Introduction to Computer Systems	4	CSCI 112 and 121 or Dept. Approval		
CSCI 213 Introduction to Computer Organization	4	CSCI 212 or Dept Approval		
General Education Courses				
MATH 171 Calculus I	4	Math 162 or Dept. Approval		
ENGL 101 English Composition	3	“Pass grade in ENGL 098 or satisfactory score in composition placement test		
MATH 270 Linear Algebra	4	MATH 171, 172		
MATH 172 Calculus II	4	MATH 171 or Dept. Approval		
ENGL 102 English Composition II	3	ENGL 101		
PHYS 111* General Physics I or PHYS 140 Mechanics, Heat and Sound	4	MATH 162 or 119 or Dept Approval/ MATH 171 or Dept. Approval.		
Humanities Elective (Foreign Language recommended)	3			
PHYS 112* General Physics II or PHYS 241 Electricity, Magnetism and Light	4-5	PHYS 111 or Dept. Approval/ PHYS 140 and ENGR 172 or Dept. Approval.		
Social Science Elective	3			
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Total to Graduate: 61 credits minimum

*If students choose PHYS 111 and 112, they will need two (2) additional credits from elective courses to complete 60 credits required for the degree.