COMPUTER SCIENCE, B.S.

Major in Computer Science, BS

Code	Title	Hours
Credits Required for Major		
	true	
Minimum GPA 2.0 for Major		
	true	
Minimum Residency 50% of Major Courses		
	true	
CSCI 140	Discrete Structures	4
CSCI 161	Introduction to Programming 1	4
CSCI 162	Introduction to Programming 2	4
CSCI 330	Programming Languages	4
CSCI 340	Computational Models	4
CSCI 362	Data Structures	4
CSCI 366	Database Systems	4
CSCI 370	Computer Architecture	4
CSCI 380	Operating Systems	4
CSCI 420	Software Engineering	4
Electives - Choose 12 hours from:		12
CSCI 300	Co-Op Ed Experience in CSCI	
Any CSCI 375-499 course(s)		
Note: This requirement may not be satisfied with CSCI 380 or CSCI 420.		
Up to 4 credits of Co-op (CSCI 300, 400, 500) are allowed. CSCI 406 Topics courses may be selected if it is 4 credits.		
Total Hours		**52**

Req Related for Computer Science, BS

Code	Title	Hours
MATHEMATICS		
Calculus I or Honors Calculus - Choose 1 of the following:		4-5
MATH 161	Calculus 1	
MATH 163H	Honors Calculus 1	
MATH 235	Survey of Statistics	3
MATH 304	Matrix Algebra & Applications	4
Directed Math Elective - Choose 3 hours from:		3
MATH 211	Calculus 2	
MATH 236	Elements of Statistics 2	
PHIL 312	Mathematical Logic	
NATURAL/PHYSICAL SCIENCES		
undefined - Choose 6 hours from:		6
BIOL 100	General Biology	
BIOL 211	Concepts of Zoology	
BIOL 221	Concepts of Botany	
CHEM 111	Introductory Chemistry 1	
CHEM 112	Introductory Chemistry 2	
ESCI 221	Physical Geology	
ESCI 222	Historical Geology	
ESCI 241	Meteorology	
ESCI 245	Environmental Meteorology	
ESCI 261	Introduction to Oceanography	
PHYS 131	Physics 1 with Algebra	
PHYS 231	Physics 1 with Calculus	
PHYS 132	Physics 2 with Algebra	
PHYS 232	Physics 2 with Calculus	
At least 6 credits of Natural/Physical Science courses. If selecting Physics choose 131 OR 231, 132 OR 232.		
Total Hours		**20-21**