

## Computer Science B.S. 8-Semester Degree Program

**Total Hours: 120**

Semester 1 - Fall	Semester 2 - Spring	Semester 3 - Fall	Semester 4 - Spring	Semester 5 - Fall	Semester 6 - Spring	Semester 7 - Fall	Semester 8 - Spring
CS 1093: Making Connections 3	CS 2114: Structured Programming 4	CS 2124: Object- Oriented Programming 4	CS 3113: Algorithms & Adv Data Structures 3	CS 3223: Computer Organization 3	CS 3233: Operating Systems 3	CS 4113: Software Engineering 3	CS 4143: Java and Application Development 3
Math 2204: Calculus I 4	Math 2214: Calculus II 4	Math 2183: Discrete Structures 3	MATH 3243: Linear Algebra 3	CS xxx3: elective 3	CS 3123: Programming Languages 3	CS 4713: Analysis of Algorithms 3	CS xxx3: elective 3
ENG 1003: Composition I 3	ENG 1013: Composition II 3	COMS 1203: Oral Commun (3 hrs.) 3	Chem 1013: General Chemistry I 3	STAT 3233: Applied Statistics I 3	CS xxx3: elective 3	CS 4543: Database Systems 3	CS xxx3: elective 3
Fine Arts (3 hrs.) 3	Life Sciences (3 hrs.) 3	Humanities (3 hrs.) 3	Chem 1011: General Chemistry I Lab 1	EE 3333: Digital Electronics I 3	PHYS 2044: University Physics II 4	ENG 3043: Technical Writing 3	PHIL 3723: Computers, Ethics & Society 3
U. S. History or Government (3 hrs.) 3	Life Sciences Lab (1 hr.) 1	Free elective (3 hrs.) 3	ECON 2313 or ECON 2333 3	PHYS 2034: University Physics I 4	Understanding Global Issues (3 hrs.) 3	Free elective (1 hrs.) 1	
			Free elective (3 hrs.) 3				
credit hours: 16	credit hours: 15	credit hours: 16	credit hours: 16	credit hours: 16	credit hours: 16	credit hours: 13	credit hours: 12