UNIVERSITY OF PIKEVILLE

COMPUTER SCIENCE

(B. A. or B. S.) MAJOR

NAME	ID#

COLLEGE OF ARTS & SCIENCES

DIVISION OF SCIENCE & MATHEMATICS

MAJOR: COMPUTER SCIENCE – 46 Total Hours Required

[At least 50% of the semester hours required for the minor must be taken at the University of Pikeville.]

Computer Science Requirements

(29 Hours Required)

Course	Course Title	Credit	Grade	Term Taken
CS 109	Introduction to Computer Science	3		
CS 221	Object-Oriented Programming I	4		
CS 222	Object-Oriented Programming II	4		
CS 330	Machine Organization	3		
CS 350	Data Structures I	3		
CS 355	Data Structures II	3		
CS 380	Principles of Programming Language	3		
CS 480	Senior Project	3		
MTH 251	Discrete Mathematics	3		

Electives

(9 Hours Required)

Choose three (3) from the following:

Course	Course Title	Credit	Grade	Term Taken
CS 280	Programming Language Elective	3		
CS 299	Directed Individual Study	3		
CS 360	Database Analysis	3		
CS 410	Operating Systems	3		
CS 430	Parallel Programming	3		
CS 490	Special Topics	3		
CS 499	Directed Study in Computer Science	3		
MTH 320	Introduction to Numerical Methods	3		

Related Studies Requirements

(8 Hours Required)

Course	Course Title	Credit	Grade	Term Taken
MTH 121	Calculus I	4		
MTH 222	Calculus II	4		