	BACHELOR OF SCIENCE (#629)
	Major in Computer Science: Specialty Concentration Department of Computer Science Ogden College of Science and Engineering Western Kentucky University
	The following four-year plan is an example of how to map your program in consultation with your faculty advisor. Every student will finish with a unique plan of his/her own depending on the electives selected.

Success Markers

FIRST YEAR	FALL SEMESTER		SPRING SEMESTER	
	CS 180 Computer Science I	4	CS 221 Computer Science II *(Prerequisite: CS 180 C or higher)*	4
	HIST 101 World History I OR HIST 102 World History II (F-SB)	3	MATH 136 Calculus I	4
	PHIL 215 Symbolic Logic (F-QR)	3	COMM 145 Fund of Public Speaking & Communications (F-OC)	3
	ENG 100 Intro to College Writing (F-W1)	3	Social & Behavioral Studies (E-SB)	3
	Arts & Humanities (E-AH)	3		
	TOTAL CREDIT HOURS	**16**	**TOTAL CREDIT HOURS**	**14**

SECOND YEAR	FALL SEMESTER		SPRING SEMESTER	
	CS 325 Computer Organization & Architecture *(Prerequisite: CS 221)*	3	CS 351 Database Management Systems *(Prerequisite; SC 221)*	3
	CS 339 Computer Science III *(Prerequisite: CS 221, PHIL 225, MATH 136)*	3	CS 360 Software Engineering *(Prerequisite: CS 221)*	3
	CS Elective[1]	3	Specialty Class[1]	3
	Natural and Physical Science & Lab (E-NS, LS)	3	STAT 301 Introductory Probability and Applied Statistics	3
	World Language, if needed, or General Elective	3	ENG 307 Technical Writing	3
	TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

World Language Proficiency: All students entering in Fall 2014 or later must demonstrate proficiency in a world language at the Novice High level before completing 60 credit hours. Novice high is the ability to communicate in writing and speaking on familiar topics in simple sentences. To meet this requirement, students may take college language courses or take a proficiency test. For more information go to www.wku.edu/modernlanguages/placement/.

Colonnade Program: All students entering in fall 2014 or later must complete 39 hours in 13 specific Colonnade areas. Colonnade areas are listed in parentheses marked in blue after the corresponding classes. Some areas may have specific course requirements while others can be chosen from selected lists of options. For more details and to see lists of options, go to Colonnade Requirements.

THIRD YEAR	FALL SEMESTER		SPRING SEMESTER	
	CS 381 Intro to Computer Networks *(Prerequisite: CS 339)*	3	Natural & Physical Science[4] (E-NS)	3
	CS 382 Programming Languages *(Prerequisite: CS221)*	3	Specialty class[1]	3
	Specialty class[1]	3	CS 396 Intermediate Software Project *(Prerequisite: CS 351, ENG 300, COMM 145)*	3
	Specialty class[1] *(300 level or higher)*	3	ENG 200 Intro to Literature (F-AH)	3
	CS Elective[2] *(300 level or higher)*	3	Connections – Social & Cultural (K-SC)	3
	TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

FOURTH YEAR	FALL SEMESTER		SPRING SEMESTER	
	CS 421 Data Structures and Algorithm Analysis *(Prerequisite: CS 339, STAT 301)*	3	CS 443 Database Management Systems II *(Prerequisite: (CS 339, 351)*	3
	CS 425 Operating Systems I *(Prerequisite: CS 325, CS 382)*	3	CS 496 Senior Project & Professional Practice *(Prerequisite: CS 360, CS 396)*	3
	Specialty class[1] *(300 level or higher)*	3	Specialty class[1] *(300 level or higher)*	3
	CS Elective[2] *(400 level or higher)*	3	ENG 300 Writing in the Disciplines (F-W2)	3
	Connections - Systems (K-SY)	3	Connections – Local to Global (K-LG)	3
	TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**
			Total Credit Hours: 120	

All CS courses must be completed with a grade of 'C' or better

1 –18 hours of specialty courses, selected in consultation with a CS advisor, not used to satisfy any other specific graduation requirements for the CS major or the Colonnade program. 9 hours must be 300 level or higher

2 – 9 hours of CS electives at 200 level or above (excluding 257). Must include 3 hours at 300 level or higher and 3 hours at 400 level.

PLEASE NOTE: Prerequisites, Course Numbers, and Course Titles are subject to change.
Consult your advisor each semester.
Course Descriptions may be viewed at http://www.wku.edu/catalog
FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

Department:	Computer Science
Phone:	270-745-4642
Website:	http://www.wku.edu/cs