	BACHELOR of SCIENCE in COMPUTER SCIENCE – SPECIALTY CONCENTRATION (#629) School of Engineering and Applied Sciences Ogden College of Science and Engineering Western Kentucky University
WKU®	The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected.

SAMPLE – Finish in Four Plan

FIRST YEAR				
Fall Semester		**Spring Semester**		
CS180: Computer Science 1	4	CS221: Computer Science II	4	
Natural and Physical Science (E-NS)	3	MATH136: Calculus I (F-QR)	4	
ENG100: Freshman English (F-W1)	3	COMM 145: Public Speaking (F-OC)	3	
Social & Behavioral Sciences (E-SB)	3	Natural and Physical Science & Lab (E-NS, LS)	4	
Free Elective	2			
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**	

SECOND YEAR				
Fall Semester		**Spring Semester**		
CS Specialty (1)	3	CS351: Intro to Database Systems	3	
CS 339: Computer Science III	3	STAT301: Prob/Applied Stats	3	
Literary Studies (F-AH)	3	CS325: Computer Organization and Architecture	3	
CS 2xx Elective	3	ENG307: Technical Writing	3	
World History (F-SB)	3	CS Specialty (2)	3	
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**	

THIRD YEAR

Fall Semester		Spring Semester	
ENG300: Writing in the Disciplines (F-W2)	3	CS382: Programming Languages	3
CS396: Intermediate Software Project	3	CS 381: Introduction to Computer Networks	3
CS Specialty (3)	3	World Language (if needed) or general elective	3
CS 3xx Elective	3	Connections Social & Cultural (K-SC)	3
CS 360: Software Engineering	3	Arts & Humanities Elective (E-AH)	3
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

FOURTH YEAR			
Fall Semester		**Spring Semester**	
CS425: Operating Systems I	3	CS496: CS Project and Professional Practice	3
CS 443: Database Management Systems II	3	CS 4xx Elective	3
Connections Systems (K-SY)	3	Speciality 3xx (5)	3
CS421: Data Structures and Algorithm Analysis	3	Connections Local to Global (K-LG)	3
Specialty 3xx (4)	3	Specialty 3xx (6)	3
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

Total Credit Hours: 120

For more details and courses offered in the Colonnade General Education program visit the website.

World Language Requirement: Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU requirement.

For more Information: **School of Engineering & Applied Sciences**

Website: www.wku.edu/seas

Phone: 270-745-3251

Email: seas@wku.edu

Course Descriptions: http://www.wku.edu/undergraduatecatalog/