	BACHELOR of SCIENCE in COMPUTER SCIENCE – SPECIALTY CONCENTRATION (#629) School of Engineering and Applied Sciences Ogden College of Science and Engineering Western Kentucky University
	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/