



**KENTUCKY STATE
UNIVERSITY**

COMPUTER SCIENCE BACHELOR OF SCIENCE - COMPUTER INFORMATION SECURITY TRACK

Course	Title	Hours
Term 1 (Fall)		
Natural Science		3
COS 107	Prob Solving, Logic & Design	3
ENG 101	English Comp I	4
MAT 115	College Algebra	3
KSU 118	Intro. to University Learning	3
Hours		16
Term 2 (Spring)		
COS 108	Prin Computer Science I	4
ENG 102	English Comp II	3
MAT 125	Business Calculus and Matrices	3
Select one Social/Behavioral course from the following:		3
ECO 200	Survey of Economics	
FIN 101	Financial Literacy	
HIS 108	Intro to African American Hist	
POS 101	American Government	
PSY 200	General Psychology	
SOC 203	Principles of Sociology	
KSU 186	Navigate. the Tech. World	3
Hours		16
Term 3 (Fall)		
COS 109	Prin Computer Sci II	4
Arts and Humanities		3
Select one Social/Behavioral course of the following:		3
ECO 200	Survey of Economics	
FIN 101	Financial Literacy	
HIS 108	Intro to African American Hist	
POS 101	American Government	
PSY 200	General Psychology	
SOC 203	Principles of Sociology	
COM 103	Interpersonal Communication	3
Hours		13
Term 4 (Spring)		
COS 340	Data Struc Algorithm Analy	3
COS 200	Computer Information Systems	3
ENG 216	Technical Writing	3
Arts and Humanities		3
COS 281	Introduction to Info. Sec. & A	3
Hours		15
Term 5 (Fall)		
COS 275	Game Programming Foundation I	4
COS/DGE 300	System Design/Development	3
COS 301	Computer Organization	4

COS 310	Discrete Computing Structures	3
Guided Electives		3
Hours		17
Term 6 (Spring)		
COS 302	Operating Systems	3
COS 334	Computer Forensics	4
Arts and Humanities		3
COS 364	Data Storage and Data Mining	3
Guided Elective		3
Hours		16
Term 7 (Fall)		
COS 495	Interactive Gaming Project	3
COS 303	Human Perspective on Computing	3
COS 332	Management Information Securit	3
COS 470	Networking/Telecommun	3
COS 484	Intro to Network Security	3
Hours		15
Term 8 (Spring)		
COS 410	Database Management Systems	3
COS 435	Advanced Topics in Cyber Secur	3
COS/CIT 200 Elective		3
COS 300/400 Elective		3
Hours		12
Total Hours		120