



**KENTUCKY STATE
UNIVERSITY**

COMPUTER SCIENCE BACHELOR OF SCIENCE - MATHEMATICS TRACK

Course	Title	Hours
Term 1 (Fall)		
Natural Science		3
ENG 101	English Comp I	4
COS 107	Prob Solving, Logic & Design	3
MAT 115	College Algebra	3
KSU 118	Intro. to University Learning	3
Hours		16
Term 2 (Spring)		
Arts and Humanities		3
COS 108	Prin Computer Science I	4
ENG 102	English Comp II	3
MAT 120	Precalculus	4
KSU 186	Navigate. the Tech. World	3
Hours		17
Term 3 (Fall)		
COS 109	Prin Computer Sci II	4
ENG 216	Technical Writing	3
MAT 131	Calculus/Analy Geom I	5
COM 103	Interpersonal Communication	3
Hours		15
Term 4 (Spring)		
COS 300/400 Electives		3
COS 200	Computer Information Systems	3
MAT 132	Calculus/Analy Geom II	5
COS 281	Introduction to Info. Sec. & A	3
Hours		14
Term 5 (Fall)		
BIO/CHE/PHS/PHY Natural Science		3
COS/DGE 300	System Design/Development	3
COS 301	Computer Organization	4
COS 310	Discrete Computing Structures	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	
Hours		16
Term 6 (Spring)		
BIO/CHE/PHS/PHY Natural Science		3
COS 302	Operating Systems	3
COS 340	Data Struc Algorithm Analy	3
Elective		3
Social/Behavioral		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	
Hours		15
Term 7 (Fall)		
COS 303	Human Perspective on Computing	3
COS 470	Networking/Telecommun	3
COS 490 or COS 495	Seminar in Computer Science or Interactive Gaming Project	3
Arts and Humanities		3
MAT 321	Probability/Statistics I	3
Hours		15
Term 8 (Spring)		
COS 410	Database Management Systems	3
COS/MAT 300/400 Elective		3
COS/MAT 300/400 Elective		3
Arts and Humanities		3
Hours		12
Total Hours		120