KENTUCKY STATE UNIVERSITY

COMPUTER SCIENCE BACHELOR OF SCIENCE - INFORMATION SYSTEMS TRACK

Course	Title	Hours
Year 1		
Term 1 (Fall)		
KSU 118	Intro. to University Learning	3
ENG 101	English Comp I	3
MAT 115	College Algebra	3
COS 107	Prob Solving, Logic & Design	3
Natural Science Elective		3
CHE 101	General Chemistry I (must be taken with CHE 110)	
or BIO 101	or Life Science	
or BIO 111	or Principles of Biology	
or CHE 109	or Chemistry in Context	
or CHE 209	or Survey Gen/Organic/Biochemi	
or PHS 201	or Physical Sciences I	
	Hours	**15**
Term 2 (Spring)		
ENG 102	English Comp II	3
MAT 125	Business Calculus and Matrices	3
COS 108	Prin Computer Science I	4
Arts		3
ART 130	Introduction to Art	
or MUS 130	or Introduction to Music	
or THE 130	or Introduction to Theatre	
or ENG 211	or Intro to Literature	
Guided Elective		3
	Hours	**16**
Year 2		
Term 3 (Fall)		
ACC 201	Principles of Accounting I	3
ENG 216	Technical Writing	3
COM 103	Interpersonal Communication	3
COS 109	Prin Computer Sci II	4
Humanities Elective		3
BUA 120	Business and Society	
or EDU 204	or Cultural Responsiveness	
or HIS 103	or Western Civilization	
or HIS 108	or Intro to African American Hist	
	Hours	**16**
Term 4 (Spring)		
BUA 320	Business Statistics	3
COS 200	Computer Information Systems	3
COS 281	Introduction to Info. Sec. & A	3
COS 340	Data Struc Algorithm Analy	3
Global/Civic		3

Course	Title	Hours
AFE 117	Global Perspect Ag/Food/Env	
or ASP 303	or American Civil Rights Movement	
or POS 361	or World Politics	
or POS 101	or American Government	
	Hours	**15**
Year 3		
Term 5 (Fall)		
COS 275	Game Programming Foundation I	4
COS 300	System Design/Development	3
or DGE 300 Software Eng Computing Games		
COS 301	Computer Organization	4
COS 310	Discrete Computing Structures	3
Free Elective		2
	Hours	**16**
Term 6 (Spring)		
ECO 321	Quantitative Methods Dec Mak	3
COS 302	Operating Systems	3
COS 340	Data Struc Algorithm Analy	3
COS 410	Database Management Systems	3
Social or Behavioral Elective		3
SOC 203	Principles of Sociology	
or FIN 101	or Financial Literacy	
or PSY 200	or General Psychology	
or ECO 201	or Prin of Economics I	
	Hours	**15**
Year 4		
Term 7 (Fall)		
COS 303	Human Perspective on Computing	3
COS 364	Data Storage and Data Mining	3
COS 470	Networking/Telecommun	3
COS Elective		3
COS 490	Seminar in Computer Science	3
or COS 495 Interactive Gaming Project		
	Hours	**15**
Term 8 (Spring)		
COS 300/400 Elective		3
COS/CIT 200 Elective		3
CIT 370	Information Tech Project Mgt	3
or COS 464	or Mgt of Computer Info Systems	
or MIS 300	or Management Info Systems	
Social or Behavioral Elective		3
FIN 101	Financial Literacy	
or PSY 200	or General Psychology	
or SOC 203	or Principles of Sociology	
or ECO 201	or Prin of Economics I	
	Hours	**12**
	Total Hours	**120**