



**KENTUCKY STATE  
UNIVERSITY**

# COMPUTER SCIENCE BACHELOR OF SCIENCE - GAME DEVELOPMENT TRACK

Course	Title	Hours
<b>Term 1 (Fall)</b>		
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
<b>Hours</b>		<b>16</b>
<b>Term 2 (Spring)</b>		
COS 108	Prin Computer Science I	4
ENG 102	English Comp II	3
MAT 125	Business Calculus and Matrices	3
Select one 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	
KSU 186	Navigate. the Tech. World	3
<b>Hours</b>		<b>16</b>
<b>Term 3 (Fall)</b>		
COS 109	Prin Computer Sci II	4
COS 275	Game Programming Foundation I	4
ENG 216	Technical Writing	3
Arts and Humanities		3
COM 103	Interpersonal Communication	3
<b>Hours</b>		<b>17</b>
<b>Term 4 (Spring)</b>		
COS 340	Data Struc Algorithm Analy	3
COS 200	Computer Information Systems	3
COS 375	Game Programming Foundation II	3
Arts and Humanities		3
COS 281	Introduction to Info. Sec. & A	3
<b>Hours</b>		<b>15</b>
<b>Term 5 (Fall)</b>		
COS 301	Computer Organization	4
COS 303	Human Perspective on Computing	3
COS 310	Discrete Computing Structures	3
DGE 300	Software Eng Computing Games	3
Arts and Humanities		3
<b>Hours</b>		<b>16</b>
<b>Term 6 (Spring)</b>		
COS 302	Operating Systems	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	
COS 385	Gaming and Computer Graphics	4
COS 475	Game Design and Development	3
Free Elective		3
<b>Hours</b>		<b>16</b>
<b>Term 7 (Fall)</b>		
COS/CIT 200 Elective		3
COS 300	System Design/Development	3
COS 470	Networking/Telecommun	3
COS 495	Interactive Gaming Project	3
<b>Hours</b>		<b>12</b>
<b>Term 8 (Spring)</b>		
COS 410	Database Management Systems	3
Elective		3
COS/DGE 300/400 Elective		3
Guided Elective		3
<b>Hours</b>		<b>12</b>
<b>Total Hours</b>		<b>120</b>