

MAJOR Computer Science

Game Development SPECIALIZATION
ver. 8/2015-b

YEAR 1			YEAR 1				
FRESHMAN FALL			FRESHMAN SPRING				
COURSE NUMBER	COURSE NAME	CREDITS	Term	Grade	Term	Grade	
BIO 101/CHE 109	Biology/Chemistry	3			BIO/CHE/PHS/PHY	Natural Science	3
COS 107	Problem Solving, Logic & Design	3			ENG 102	English Composition II	3
ENG 101	English Composition I	4			MAT 125	Business Calculus and Matrices	3
Fine Arts & Letters	pick from list	3			Social/Behavioral	pick from list	3
MAT 115	College Algebra	3			Elective		2
UNV 102	KSU Orientation*	1					
Total		17			Total		14

YEAR 2			YEAR 2				
SOPHOMORE FALL			SOPHOMORE SPRING				
COURSE NUMBER	COURSE NAME	CREDITS	Term	Grade	Term	Grade	
COS 108	Principles of Computer Science I	4			COS 109	Principles of Computer Science II	4
COS 275	Game Programming Foundation I	4			COS 200	Computer Information Systems	3
COS 281	Intro to Information Security & Assurance	3			COS 375	Game Programming Foundation II	3
IGS 200	The Ancient World	3			ENG 216	Technical Writing	3
SPE 103	Interpersonal Communication	3			IGS 201	Conv Trad Late Ant to Ren	3
Total		17			Total		16

YEAR 3			YEAR 3				
JUNIOR FALL			JUNIOR SPRING				
COURSE NUMBER	COURSE NAME	CREDITS	Term	Grade	Term	Grade	
COS 301	Computer Organization	4			COS 302	Operating Systems	3
COS 303	Human Perspective on Computing	3			COS 340	Data Structures	3
COS 310	Discrete Computing Structures	3			COS 385	Gaming and Computer Graphics	4
DGE 300	Software Engineering	3			COS 475	Game Design and Development	3
Foreign Language I		3			Foreign Language II		3
Total		16			Total		16

YEAR 4			YEAR 4				
SENIOR FALL			SENIOR SPRING				
COURSE NUMBER	COURSE NAME	CREDITS	Term	Grade	Term	Grade	
COS /CIT 200	Elective	3			COS 410	Database Management Systems	3
COS 300	System Design and Development	3			COS 495	Interactive Gaming Project	3
COS 470	Networking & Telecommunication	3			COS/DGE 300/400	Elective	3
Elective		3			Social/Behavioral	pick from list	3
Total		12			Total		12

Total Hours	120
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Fine Arts & Letters: ART 130, MUS 130, THE 130, ENG 211

Social Behavioral: POS 101, FIN101, HIS103, ECO200, PSY200, SOC203

Natural Science to be selected from: BIO 101, BIO 103 BIO 112, CHE 109, PHS 201, PHS 202, PHS211, PHS 221, PHS 231, PHY 130, PHY 211