2018 - 2019
Game Software Development
Bachelor of Science Degree

Fall Year 1	Courses	Credit Hours	
CIS 1010	Introduction to Computer Applications	3	
CS 1010	Principles of Computer Science	3	
CS 1110	Introduction to Programming	3	
ENG 1010	College Composition I	3	**15**
MTH 1110	College Algebra I	3	

Spring Year 1	Courses	Credit Hours	
CIS 2210	Database Management and Design	3	
CS 2150	C++ Programming	3	
ENG 1020	College Composition II	3	
MTH 1120	College Algebra II	3	**15**
WEB 1110	Introduction to HTML	3	

Fall Year 2	Courses	Credit Hours	
CS 2410	Java Programming	3	
CS 3010	Game Design and Analysis	3	
CS 3110	C# Programming	3	
ENG 2410	Creative Writing	3	**15**
MTH 1210	Trigonometry	3	

Spring Year 2	Courses	Credit Hours	
CIS 2510	Systems Development Methods	3	
CS 2420	Advanced Java Programming	3	
CS 3850	Game Development	3	
SPK 2010	Oral Communication	3	**15**
WRKIT 2010	Work Experience	3	

Fall Year 3	Courses	Credit Hours	
CS 3210	Data Structures and Algorithms I	3	
CS 3410	Programming for Mobile Devices	3	
CS 4110	Artificial Intelligence	3	**15**
CS 4310	Unity Game Programming I	3	
SCI	Science Elective	3	

Spring Year 3	Courses	Credit Hours	
CS 3220	Data Structures and Algorithms II	3	
CS 3310	Application Security Practices	3	
CS 3510	Introduction to Android Mobile SDK and Application Development	3	**15**
CS 4320	Unity Game Programming II	3	
MTH 1410	Introduction to Discrete Mathematics	3	

Fall Year 4	Courses	Credit Hours	
CIS 2610	Visual BASIC	3	
CS 3520	Advanced Android Mobile Application Development	3	
CS 3810	Unreal Game Programming I	3	**15**
HUM 4010	Philosophy of Ethics	3	
SOC 3210	Cultural Diversity	3	

Spring Year 4	Courses	Credit Hours	
CS 3820	Unreal Game Programming II	3	
CS 4990	Senior Design Project in Game Software Development	3	
PPM 3010	Project Management	3	**15**
WRKIT 4010	Work Experience	3	
Select 1 course from the following:			
PSY 1010	Human Relations	3	
PSY 1110	General Psychology	3	
Program Total			**120**