

Bachelor of Science Degree in Digital Sim & Gaming Engineering Technology		Name		
		ID#		
Sem Taken	1st Semester (Fall)	Prerequisite	Corequisite	Credit Hours
	GEP			3
	ETGG1801 Game Programming Foundations 1		MATH 1250	3
	ARTS 1101 2D Foundations			3
	MATH 1250 Trigonometry	MATH 1200 or ACT 24-25		3
	ENGL 1102 Discourse & Comp	Placement		3
	UNIV 1100 Freshman Year Experience			1
	Subtotal First Semester			16
Sem Taken	2nd Semester (Spring)	Prerequisite	Corequisite	Credit Hours
	ETGG 1802 Game Programming Foundations 2	ETGG 1801		3
	ETGG 1803 Concepts of 3D Graphics	ETGG 1801		3
	ARTS 1105 Digital Foundations	ARTS 1101		3
	GEP			3
	ENGL 1105 Comp & Argument	ENGL 1101 or 1102		3
	Subtotal Second Semester			15
Sem Taken	3rd Semester (Fall)	Prerequisite	Corequisite	Credit Hours
	ETEC 2101 Data Structures	ETGG 1803		3
	ETGG 2801 Computer Graphics 1	ETGG 1803		3
	MATH 2110 Calculus 1	MATH 1250 or ACT 26+		4
	GEP			3
	GEP			3
	Subtotal Third Semester			16
Sem Taken	4th Semester (Spring)	Prerequisite	Corequisite	Credit Hours
	ETGG 2802 Computer Graphics 2	ETGG 2801		3
	ETEC 2104 Object Oriented Programming	ETEC 2101		3
	ETEC 2110 Systems Programming	ETEC 2101		3
	MATH 2300 Linear Algebra	MATH 2110		3
	MATH 2120 Calculus 2	MATH 2110		4
	Subtotal Fourth Semester			16
Sem Taken	5th Semester (Fall)	Prerequisite	Corequisite	Credit Hours
	ETGG 3801 Realtime Interactive Program 1	ETGG 2802 & ETEC 2110		3
	ETEC 3401 Algorithms	ETEC 2101		3
	ETEC 3701 Operating Systems 1	ETEC 2101 & 2110		3
	PHYS 2211 Calc. Based Physics 1	MATH 2120 or higher		4
	ARTG 3601 Digital 3D Foundations	ARTS 1105, ETGG 2801		3
	Subtotal Fifth Semester			16
Sem Taken	6th Semester (Spring)	Prerequisite	Corequisite	Credit Hours
	ETGG 3802 Realtime Interactive Program 2	ETGG 3801		3
	ETEC 3702 Operating Systems 2	ETEC 3701		3
	ETEC 3201 Networking & Comm	ETEC 2101		3
	GEP			4
	GEP			3
	Subtotal Sixth Semester			16
Sem Taken	7th Semester (Fall)	Prerequisite	Corequisite	Credit Hours
	ETGG 4801 Senior Project 1	ETGG 3802		3
	ETEC 3402 Automata & Formal Lang	ETEC 3401		3
	ETGG 4803 Artificial Intelligence			3
	IDST 4490 Senior Seminar*			3
	GEP			3
	GEP			3
	Subtotal Seventh Semester			18
Sem Taken	8th Semester (Spring)	Prerequisite	Corequisite	Credit Hours
	ETGG 4802 Senior Project 2	ETGG 4801		3
	ETGG 4804 Optimization	ETGG 2801		3
	ETEC 4401 Compiler Design	ETEC 3402		3
	GEP			3
	ETGG Topics			3
	Subtotal Eighth Semester			15
	Total Hours			128
	*Students entering in Fall 2016 will have the option of taking ETGG 4802 to fulfill the GEP Senior Seminar requirement.			