

## Computer Science, B.S.

### Gaming/New Media Design and Production Concentration

Note: Sequence of courses may be altered with advisor's approval. *(For students entering Fall 2014 to present)*

#### Fall

##### FRESHMAN – 32 Credits

Course No.	Description	Credit
_____ CORE 103	Fall CES	0
_____ CPSC 121	Intro to Programming	4
_____ MATH 121	Calculus I	3
_____ SOC SCI Elective	Econ/Psyc/Soc/Plsc	3
_____ HIST 100/200	History Elective	3
_____ WRIT 102	Research Writing	3
<b>Total No. of Credits</b>		<b>16</b>

#### Spring

Course No.	Description	Credit
_____ CORE 104	Spring CES	0
_____ CORE 113	First Year Seminar	3
_____ CPSC 122	Intermediate Programming	4
_____ MATH 215	Introductory Statistics	3
_____ MATH 130	Discrete Math	3
_____ RLST 105	Franciscan Goals for Today	3
<b>Total No. of Credits</b>		<b>16</b>

##### SOPHOMORE–32 Credits

###### Saint Francis

_____ CPSC 221	Intro to Data Structures	3
_____ PHIL 205	Reason and Responsibility	3
_____ PHYS 121	Gen Physics I	4
_____ PHYS 121L	Gen Physics Lab I	0
_____ Soc Sci elective	Econ/Psy/Soc/PLSC	3
_____ LIT 104	Intro to Literature	3
<b>Total No. of Credits</b>		<b>16</b>

###### Saint Francis

_____ CPSC 222	Server Side Programming	3
_____ PHYS 122	Gen Physics II	4
_____ PHYS 122L	Gen Physics Lab II	0
_____ LANG 102	Language 102 or higher	3
_____ RLST/PHIL	Religious Studies or PHIL	3
_____ Free_____	Free elective	3
<b>Total No. of Credits</b>		<b>16</b>

##### JUNIOR – 32 Credits

###### Saint Francis

_____ Soc Sci	Econ/Psy/Soc/PLSC	3
_____ COMM 301	Video Production	3
_____ THTR 102	Intro to Film Art	3
_____ Diversity elective		3
_____ EXAM 301	Wr Comp Exam	0
_____ Free_____	Free elective	1
_____ CPSC Elective_____	CS elective	3
<b>Total No. of Credits</b>		<b>16</b>

###### In Harrisburg

_____ CPSC 263	Visual Computing	4
_____ CPSC 365	Game Design	4
_____ CPSC Elective_____	Computer Science Elective	3
_____ Free_____	Free Elective	3
_____ Free_____	Free Elective	2
<b>Total No. of Credits</b>		<b>16</b>

##### SENIOR- 32 Credits

###### In Harrisburg

_____ CPSC 363	New Media Design	4
_____ CPSC 468	Senior Project	3
_____ CPSC Elective	CS elective	3
_____ Free_____	Free Elective	3
_____ Free_____	Free Elective	3
<b>Total No. of Credits</b>		<b>16</b>

###### At Saint Francis University

_____ Free_____	Free Elective	3
_____ CPSC 463	New Media Production	4
_____ Free_____	Free Elective	3
_____ CORE 407	Keystone Seminar	3
_____ Free_____	Free Elective	2
_____ CPSC 492	Senior Seminar	1
_____ Exam 401	Comprehensive	0
<b>Total No. of Credits</b>		<b>16</b>

Computer Science Elective will be 9 credits from the following set of courses:

CPSC 410 Software Engineering

CPSC 440 Computer Graphics

and additional Gaming/ New Media coursework designed by Harrisburg University and approved by SFU