

Articulation Agreement - Course Equivalencies		
Broome Community College		Buffalo State
Computer Science A.S.		Computer Information Systems B.S.
Course Dept & No.	Cr hrs	Course Dept & No.
<b>First Semester</b>		
ENG 110 - College Writing I	3	CWP 101*
PED elective	1	Elective
CST 113 - Introduction to Programming	3	Determined by dept at time of acceptance
CST 117 - Language Independent Design	3	Determined by dept at time of acceptance
CST 119 - Computer Concepts & Applications	3	CIS 101
MAT 181 - Calculus I	<u>4</u>	MAT 161
-	17	
<b>Second Semester</b>		
ENG 111 - College Writing II (Civ Ed Elec)	3	CWP 102*
Social Science Elective	3	Gen Ed/IF
CST 133 - Structured Programming	3	CIS 151
CST 170 - Digital Logic	3	Determined by dept at time of acceptance
MAT 182 - Calculus II	<u>4</u>	MAT 162
-	16	
<b>Third Semester</b>		
Gen Ed Elective	3	Gen Ed/IF
CST 150 W - Object Oriented Programming	3	CIS 251
CST 220 - Microprocessors & Assembly Language Programming	3	Determined by dept at time of acceptance
MAT 250 - Discrete Math	4	MAT 270
PHY 181 - Physics for Engineers & Scientists I	<u>4</u>	PHY 111
-	17	
<b>Fourth Semester</b>		
CST 202 W - Data Structures	3	Determined by dept at time of acceptance
CST 225 W - Introduction to Small Systems	3	Determined by dept at time of acceptance
ENG 220 - Communicating About Ideas & Values	3	ENG 1XX
MAT 264 - Linear Algebra	4	MAT 202
PHY 182 - Physics for Engineers & Scientists II	<u>4</u>	PHY 112
-	17	

\*A grade of C or better is required for transfer.

\*\*Foreign Language fulfilled at Buffalo State if 2 years of the same language successfully completed in high school

**Buffalo State**

***Remaining courses:***

**Major:**

CIS 370 Systems Analysis & Design

CIS 380 Microcomputer Apps

CIS 400 Visual Basic for Windows

CIS 410 Computer Operating Systems

CIS 411 Database Systems

*CIS Electives (total 18 cr hrs)*

**Course equivalents are determined at the time the department reviews the file.**

**Note:**

A minimum of 21 cr hrs must be completed in the CIS department at Buffalo State.

**All College Electives not met (total 12-39 cr hrs)**

**Any Gen Ed/IF (Intellectual Foundations) not met**

<http://catalog.buffalostate.edu/undergraduate/computer-information-systems-bs.htm>