The College at Brockport, State University of New York
Computer Information Systems Major
Meets Current General Education and IS Environment Requirements

		Category (credit hours)					
Year Semester	Course (Dept., Number, Title)	Information Systems Fundamental	Information Systems Advanced	Quantitative Analysis	IS Environment	General Education	Other
Fall Freshman Year (16 credits)	GEP 100 Academic Planning Seminar						1
	ENL 112 College Composition					3	
	Humanities I (H)					3	
	ECN 100 Contemporary Economic Problems (S)					3	
	MTH 122 Pre-calculus						3
	Free Elective						3
Spring Freshman Year (16 credits)	Social Science II (S and (D or O)					3	
	Natural Science with Laboratory (L)					4	
	MTH 221 Calculus for Business			3			
	CIS 106 End-user Computing						3
	CSC 120 Introduction to Computer Science						3
Fall Sophomore Year (14 credits)	Foreign Language 1					3	
	MTH 281 Discrete Mathematics I			3			
	CIS 202 Fundamentals of Information Systems	3					
	CIS 206 IT Tools	1					
	CSC 203 Fundamentals of Computer Science I	4					
Spring Sophomore Year (14 credits)	Free Elective						3
	Natural Science (N)					3	
	CIS 303 Information Technology HW & SW	3					
	CSC 205 Fundamentals of Computer Science II	2	2				
	CSC 209 UNIX Tools	1					
SUBTOTALS		14	2	6	0	22	16

Students may receive transfer and AP exam credits that meet some of the requirements. Students may also receive waivers from some prerequisites. Waivers do not imply allocation of credits.

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Fall Junior Year (16 credits)	Humanities II (H)					3	
	IS Environment 1				3		
	IS Environment 2				3		
	MTH 243 Elementary Statistics			3			
	CIS 317 Analysis & Logical Design of IS	1	3				
Spring Junior Year (15 credits)	Fine Arts 1 (F)					3	
	Contemporary Issues (I)					3	
	IS Environment 3				3		
	IS Environment 4				3		
	CIS 422 Physical Design & Implementation with DBMS	1	2				
Fall Senior Year (15 credits)	Fine Arts 2 (P)					3	
	IS Environment 5				3		
	CIS 419 Networks and Internet Applications	1	2				
	CIS 442 Electronic Commerce Systems	0.5	2.5				
	CIS Elective 1		3				
Spring Senior Year (15 credits)	Free elective						3
	Perspectives on Women (W)					3	
	CIS 427 Project Management and Practice		3				
	CSC 486 Junior/Senior Seminar (Y)	3					
	CIS Elective 2		3				
SUBTOTALS		6.5	18.5	3	15	15	3
TOTALS		20.5	20.5	9	15	37	19

A course carrying multiple codes will satisfy several general education requirements. But students must ensure that a minimum of 15 credits are completed in IS Environment. Students should take note of restrictions that apply to general education courses, IS Environment courses, quantitative analysis courses, and CIS/CSC electives. Students choosing ECN 100 for Social Science and the Business Administration option under IS Environments complete a minor in Business Administration.