

Required Core Courses				36	Required Core Courses				34
CIS	251	Business App. Programming	3	CIS	251	Business App Programming	3		
CIS	277	OS Interfaces & Utilities	3						
CIS	325	Management Info Systems	3						
CIS	328	Operating Environments	3	CIS	328	Operating Environments	3		
CIS	330	COBOL I	3						
CIS	331	COBOL II	3						
CIS	332	Systems Analysis & Design	3	CIS	332	Systems Analysis & Design	3		
CIS	350	Comp. Hardware, Data Comm. & Networking	3	CIS	350	Comp. Hardware, Data Comm. & Networking	3		
CIS	427	IS Planning & Management	3	CIS	427	IS Planning & Management	3		
				CIS	383	Networking I	3		
				CIS	384	Decision Support Systems	3		
				CIS	380	Software System Testing	3		
CIS	484	Database Mgmt. Systems	3	CIS	484	Database Mgmt. Systems	3		
CIS	494	Internship		CIS	494	Internship			
Or				Or					
CIS	498	Undergraduate Research	3	CIS	498	Undergraduate Research	3		
CSC	206	Adv. Computer Applications	3	CSC	206	Adv. Computer Applic	4		

Support Courses				31	Support Courses				31	
ACCT	210	Principles of Accounting I	3	ACCT	210	Principles of Accounting I	3			
ACCT	211	Principles of Accounting II	3	ACCT	211	Principles of Accounting II	3			
BADM	220	Business Statistics	3	BADM	220	Business Statistics	3			
BADM	310	Business Finance	3	BADM	310	Business Finance	3			
BADM	321	Business Statistics II	3	BADM	321	Business Statistics II	3			
BADM	360	Organization & Management	3	BADM	360	Organization & Management	3			
BADM	370	Marketing	3	BADM	370	Marketing	3			
BADM	425	Production & Oper Mgmt	3	BADM	425	Production & Oper Mgmt	3			
ENGL	208	Documentation & Presentation	3	ENGL	208	Documentation & Presentation	3			
MATH	121	Survey of Calculus	4	MATH	121	Survey of Calculus	4			
				Choose one specialization:				15		
Choose four courses from the following:				12						
BADM	378	Marketing for E-commerce	3							
BADM	435	Mgmt of Tech & Innovation	3							
CIS	275	Web Application Prog. I	3							
CIS	340	Adv. Java Programming I	3							
CIS	361	Adv. Prog for Bus Applic	3							
CIS	375	Web Applic. Programming II	3							
CIS	377	On-line Applications	3							
CIS	383	Networking I	3							
CIS	384	Decision Support Systems	3							
CIS	385	Networking II	3							
CIS	414	Computer Secu Fundamentals	3							
CIS	416	Network Security	3							
CIS	418	Intrusion Control & Detection	3							
CIS	422	Cryptography /Info Assurance	3							
CIS	424	Internet & E-Commerce	3							

CIS	487	Database Programming	3				
CIS	488	Adv. Database Issues	3				
CIS	492	Topics	3				
CSC	260	Object Oriented Design	3				
CSC	470	Software Engineering	3				
				Systems Development Specialization			
				CIS	361	Adv. Prog for Bus Apps.	3
				CIS	277	OS Interfaces & Utilities	3
				CIS	330	COBOL I	3
				CIS	331	COBOL II	3
				CIS	487	Database Programming	3
				Web Development Specialization			
				CIS	361	Adv. Prog for Bus Apps.	3
				CIS	275	Web Programming I	3
				CIS	375	Web Programming II	3
				CIS	424	Internet & E-Commerce	3
				CIS	487	Database Programming	3
				Web Design Specialization			
				ART	282	2-D Design I	3
				ENGL	401	Adv. Writing	3
				MCOM	351	Web Publishing I	3
				MCOM	352	Web Publishing II	3
				MCOM	409	Information Architecture	3
Electives			-6	Electives			7

Total number of hours required for major, minor, or specialization

79

Total number of hours required for major, minor, or specialization

80

Total number of hours required for degree

128

Total number of hours required for degree

128

8. EXPLANATION OF THE CHANGE:

The CIS major was directly mapped to the Information Systems 2002. Along with these standards, input from companies that traditionally hire DSU graduates was also used in the construction of the major. The E-Commerce major was absorbed into the CIS major; these two majors had a large number of courses that overlapped. Because of this merger, the three different specializations were created.