



VILLANOVA UNIVERSITY

College of Professional Studies

Name _____ Date _____

ID # _____ Advisor _____

PART-TIME STUDIES - BACHELOR OF INTERDISCIPLINARY STUDIES INFORMATION SYSTEMS MAJOR

<u>Course No.</u>	<u>Title</u>	<u>Credit</u>	<u>Sem.</u>	<u>Grade</u>
Core Requirements (45 Credits)				
Humanities in Augustinian Tradition (3 courses = 9 credits)				
ACS 1000	Traditions in Conversation	3	___	___
PHI 1000	Knowledge, Reality, Self	3	___	___
THL 1000	Christian Faith and Life	3	___	___
Civic and Ethical Leadership (3 courses = 9 credits)				
PHI 2180	Computer Ethics and Contemporary Life	3	___	___
American Perspectives	PSC, ECO, SOC, HIS _____	3	___	___
Global Perspectives	PSC, ECO, SOC, HIS _____	3	___	___
Communication and Writing Skills (2 courses = 6 credits)				
COM 1100	Public Speaking	3	___	___
ENG 1050	The Literary Experience	3	___	___
Cultural Appreciation (2 courses = 6 credits)				
Fine Arts, Modern Language/Culture,	_____	3	___	___
Theater, Film, Literature	_____	3	___	___
Quantitative and Scientific Literacy (2 courses = 6 credits)				
Natural Science	_____	3	___	___
MAT 1260	Elementary Statistics	3	___	___
Core Electives (3 courses = 9 credits)				
Upper Level: HIS,	_____	3	___	___
PHI, THL, ENG, COM,	_____	3	___	___
Fine Arts, Social Science	_____	3	___	___
Information Systems (10 courses=32 credits)				
Introductory Course	CSC 1020 Computing & the Web <i>or</i> VSB 2006 Strategic Information Technology	3	___	___
CSC 1051	Algorithms and Data Structures I	4	___	___
CSC 1052	Algorithms and Data Structures II	4	___	___

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CSC 1300	Discrete Structures	3	—	—
CSC 2400	Computer Systems I	3	—	—
CSC 2500	Survey of Information Science	3	—	—
Systems Analysis	MIS 2040 Systems Analysis and Design <i>or</i> CSC 4700 Software Engineering	3	—	—
Databases	MIS 2030 Database Management <i>or</i> CSC 4480 Principles of Database Systems	3	—	—
CSC 4710	Info. Systems Project Management	3	—	—
CSC 4797	Information Systems Capstone	3	—	—

Information Systems Environment (5 Courses=15 Credits)

Examples of Application Areas Include:

CSC 3070	Emerging Technology Trends			
CSC 3080	Information Security & Protection			
MIS 3020	Enterprise Systems & Application			
CSC 2053	Algorithms and Data Structures III			
CSC 4900	Comp. Networks <i>or</i> MIS3010 Business Data Comm			
Financial Information Systems				
Health Information Management	_____	3	—	—
Managing Information in Government & Community	_____	3	—	—
Human Resource Information Management	_____	3	—	—
Pharmaceutical Information Systems	_____	3	—	—
MIS 3030	Enabling Technology in E-Business	3	—	—
CSC 1600	Operating Systems			
CSC 4490	Data Warehousing & Mining			
ECE 5477	Computer Communications Security			
CSC 2020	Web Development and Technologies I			
CSC 2025	Web Development and Technologies II			

Electives (10 Courses=30 Credits)

**	_____	3	—	—
	_____	3	—	—
	_____	3	—	—
	_____	3	—	—
	_____	3	—	—
	_____	3	—	—
	_____	3	—	—
	_____	3	—	—
	_____	3	—	—
	_____	3	—	—
	_____	3	—	—

** MAT 1320 Calculus I is highly recommended for all students seeking to attend graduate school