

Bachelor of Science in Information Systems composite
—Worksheet & Pre-requisites — 2012-13

Course #	Course title	Credits	Off'rd	Pre-Requisites
CSIS COMMON CORE				
CSIS 1400	Fundamentals of Programming	3	F/S	MATH 1010 or ACT of 23
CSIS 1410	Object Oriented Programming	3	F/S	CSIS 1400
CSIS 2420	Into to Algorithms and Data Structure	3	F	"C" grade in CSIS 1410
CSIS 2600	Data Communications and Networking	3	S	
CSIS 2810	Computer Organization and Architecture	3	S	EET 2780
CSIS 3100	Systems Analysis and Design	3	S	
CSIS 3200	Database Design and Management	3	F	CSIS 1000
CSIS 3600	Operating Systems	3	S	CSIS 2420
CSIS 3650	Network Security	3	F	CSIS 2600
EET 2750	PC Hardware	3	F/S	
EET 2780	Digital Electronics I	3	F	MATH 1050
MATH 1630	Discrete Mathematics	3	F/S	MATH 1050 (Spring rec'd for CSIS majors)
IS REQUIRED CORE				
ACCT 2010	Accounting Principles	3	F/S	
ACCT 2020	Managerial Accounting	3	F/S	ACCT 2010
MATH 1100	Business Calculus	3	F/S/M	MATH 1050
CSIS 2000	Web Development	3	F/S	CSIS 1000 or ART 2210
CSIS 2620	Network Administration I	3	F	CSIS 1000 & CSIS 2600
CSIS 2670	Information Security & Assurance	3	S	CSIS 2600
CSIS 3050	Environments of Information Systems	3	F	
CSIS 4810	IS Capstone Project	3	S	Senior Standing
MGMT 3180	Management and Organizations	3	F/S	Jr Standing/Advisor must sign in
IS Business Electives (6 hrs) Choose 2 from:				
FIN 3250	Managerial Finance I	3	F/S	MATH 1050, MATH 2040 & ACCT 2010
MGMT 3050	International Business	3	F	Advisor must sign in
MGMT 4100	Organizational Behavior and Leadership	3	F/S	Advisor must sign in
MKTG 3010	Marketing Principles	3	F/S	Advisor must sign in
IS MAJOR ELECTIVES (12 hrs upper div.) choose 4 from:				
CSIS 3150	C and C++ Programming	3	F	CSIS 2420
CSIS 3620	Network Administration II	3	S-even	CSIS 2620
CSIS 3660	Network Design and Implementation	3	S-odd	CSIS 2620
CSIS 3700	Computer Forensics	3	F-even	CSIS 2600 or instructor permission
CSIS 4540	Human-Computer Interface	3	S-odd	CSIS 1010 or CSIS 2000
CSIS 4700	Internet Forensics and Cyber Security	3	S-odd	CSIS 3700
CSIS 4750	e-Business Systems	3	S-even	CSIS 2000, CSIS 3050 CSIS 3200
ART 3250	Web Design I	3	F/S	CSIS 2000 and approval of instructor
ART 4250	Web Design II	3	F	ART 3250
GENERAL EDUCATION				
UNIV 1010	Introduction to Experiential Education	1		
UNIV 3924	EER Proposal	1		
UNIV 4925	Synthesis and Reflection	1		
GENERAL EDUCATION				
ENGL 1010	Intro to Academic Writing	3	F/S/M	
ENGL 2010	Intermediate Writing	3	F/S/M	ENGL 1010 or ACT of 29+
MATH 2040	Business Statistics	4	F/S	C in MATH 1010
LM 1010	Information Literacy	1	F/S/M	
CSIS 1000	Intro to Computer Applications	3	F/S/M	
American Institution		3	F/S/M	
FINE ARTS:		3	Varies	
HUMANITIES		3	Varies	
SOC SCIENCE:CSIS 1010	E-Commerce in a Global Society	3	F/S/M	
LIFE SCIENCE		3	Varies	
PHYSICAL SCIENCE		4	Varies	