

Bachelor of Science in Information Systems
Worksheet & Pre-requisites 2016-17

Course #	Course title	Credits	Off'rd	Pre-Requisites
CSIS COMMON CORE				
CSIS 1400	Fundamentals of Programming	3	F/S	C or better in MATH 1050
CSIS 1410	Object Oriented Programming	3	F/S	CSIS 1400
CSIS 2300	Discreet Structures	3	S	"C" or better in CSIS 1410
CSIS 2420	Into to Algorithms & Data Structure	3	F	"C" grade in CSIS 1410
CSIS 2600	Data Communications & Networking	3	F/S	
CSIS 2810	Computer Organization & Architecture	3	S	EET 2780
CSIS 3100	Systems Analysis & Design	3	S	"C" or better in CSIS 2300
CSIS 3200	Database Design & 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
IS REQUIRED CORE				
ACCT 2010	Accounting Principles	3	F/S	
CSIS 2000	Web Development	3	F/S	CSIS 1010
CSIS 2010	Computer Applications	3	F/S/Su	CSIS 1000
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 1010 & CSIS 2000
CSIS 4810	IS Capstone Project	3	S	C in CSIS 2300 & 2420 & 3100
MATH 1100	Applied Calculus	3	S	MATH 1050
MGMT 3180	Management & Organizations	3	F/S	Jr Standing/Advisor must sign in
IS Business Electives (9 hrs) Choose 3 from:				
ACCT 2020	Managerial Accounting	3	F/S	ACCT 2010
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 & Leadership	3	F/S	Advisor must sign in
MKTG 3010	Marketing Principles	3	F/S	Jr Standing/Advisor must sign in
IS MAJOR ELECTIVES (15 hrs upper div.) choose 5 from:				
ART 3250	Web Design I	3	F/S	CSIS 2000 and approval of instructor
ART 4250	Web Design II	3	F	ART 3250
CSIS 3150	C and C++ Programming	3	F	CSIS 2420
CSIS 3300	Mobile Application Dev for Android	3	S-odd	CSIS 2420
CSIS 3620	Network Administration II	3	S-even	CSIS 2620
CSIS 3660	Network Design & Implementation	3	S-odd	CSIS 2620
CSIS 3700	Computer Forensics	3	F-even	CSIS 2600 or instructor permission
CSIS 4300	Mobile Application Dev for iOS	3	S-even	CSIS 2420
CSIS 4540	Human-Computer Interface	3	S-odd	CSIS 2420
CSIS 4700	Internet Forensics & Cyber Security	3	S-odd	CSIS 3700 or instructor permission
CSIS 4750	e-Business Systems	3	S-even	CSIS 2000, CSIS 3050 & CSIS 3200
EDGE 1010	Becoming an Engaged Learner	1	F/S/Su	
EDGE 30XX	Project Proposal and Planning	1	F/S/Su	EDGE 1010
EDGE 40XX	Project Reporting and Reflection	1	F/S/Su	EDGE 30XX
GENERAL EDUCATION				
ENGL 1010	Intro to Academic Writing	3	F/S/Su	
ENGL 2010	Intermediate Writing	3	F/S/Su	ENGL 1010 or ACT of 29+
MATH 2040	Business Statistics	4	F/S	ACT of 23 or C in MATH 1010
American Institution		3	F/S/Su	
LM 1010	Information Literacy	1	F/S/Su	
CSIS 1000	Intro to Computer Applications	3	F/S/Su	
FINE ARTS:		3	F/S/Su	
HUMANITIES		3	F/S/Su	
SOC SCIENCE:CSIS 1010	E-Commerce in a Global Society	3	F/S/Su	
LIFE SCIENCE		3	F/S/Su	
PHYSICAL SCIENCE		4	F/S/Su	

The CSIS Department accepts transfer credits up to 10 years, due to the rapid change of the industry. Anything beyond this will be considered on a case-by-case basis.