

Information Systems Major - School of Computing

Fall 2005

Name _____ ID# _____ Graduation Date _____

Core Content Areas (42 credits) required coursework						
Beginning students are assumed to already have (or be in the process of acquiring) IS skills equivalent to IS 100, and Math skills equivalent to Math 106 or 110.						
Course #	Title	Cr	Prerequisites	Offered	Status	
IS 110	Fundamentals of Information Systems	3	IS 100	F, W, Sp		
CS 101	Beginning Programming	3	Math 97 or equiv	F, W, Sp		
IS 240L	Web, HTML & DHTML	3	IS 100, Type 25	F, W, Sp		
IS 220	UNIX System Administration	3	CS 101	F, W		
IS 250L	Hardware Repair & Diagnostics	3	IS 110	F, W		
IS 280	Data Communications Systems	3	IS 110	F, W		
CS 201	Web Programming	3	CS 101, Math 110	F, W, Sp		
IS 307	Systems Analysis and Design	3	IS 110	F, W		
Math 201	Discrete Math I (with lab)	3	CS 101	F, Sp		
Math 221	Principles of Statistics I	3	Math 106 or 110	F, W, Sp, Su		
IS 330	Management Information Systems	3	IS 110	F, W		
IS 350	Data Files and Data Bases	3	CS 201, IS 307	F, W		
IS 409	Phys Design & Impl in Emerging Env	3	IS 330, IS 350	F, W		
IS 410	Project Management and Practice	3	IS 350	F, W		
Advanced Content Areas (select 6 credits) elective and professional certification courses						
IS 300	Teaching Personal Productivity Software	3	IS 100	varies		
IS 351	Advanced Data Files and Data Bases	3	IS 350	varies		
IS 386	Computer Network Servers	3	IS 280	varies		
IS 389	Computer Network Design	3	IS 280	varies		
IS 399R	Internship in Information Systems	3	permission	F, W, Sp, Su		
IS 431	E-Commerce Web Development	3	CS 201, IS 350	varies		
Math 112	Calculus I	5	Math 111 or equiv	F, W		
Math 202	Discrete Math II (with lab)	3	Math 201	W, Sp		
Fundamental Skills "Minor" in an Environment where IS can be applied (15 credits)						
IS professionals must understand their chosen employment environment and prepare to function effectively in it. Each student must complete a "minor" of at least 15 credits in a cohesive body of course work for such an environment.						
Acct 201	Introduction to Financial Accounting	3	Math 97	F, W, Sp, Su		
Acct 203	Introduction to Managerial Accounting	3	ACCT 201, MATH 110 or 106 or equivalent	F, W, Sp, Su		
Econ 200	Principles of Microeconomics	3	Math 97	F, W, Sp / Su		
Econ 201	Principles of Macroeconomics	3	Math 97	F, W, Sp / Su		
Busm 242	Ethics and the Legal Env of Business	3	permission	F, W, Sp		
Or: Fundamental Skills "Minor" (15 credits) developed by student and approved by department.						

One grade of D+, D, or D- may be applied toward an Information Systems major.
 A department-approved assessment test must be taken during your last full semester at BYUH, and is recommended annually.

 Academic Advisor / date

 IS Department Chair / date

Curriculum Revision 05-12, approved 2005-03-08, effective Fall 2005 revised 03/01/06 rk