Jon M. Huntsman School of Business Management Information Systems (Effective Fall 2015)

Business Acumen		
ACCT 2010	3 cr.	Financial Accounting Principles
ACCT 2020	3 cr.	Managerial Accounting Principles
ECN 1500 *	3 cr.	ECN Institutions (Macroecon.) (BAI)
ECN 2010	3 cr.	Intro to Microeconomics (BSS)
ECN 3400 OR MIS 3300**	3 cr.	Global Economic Institutions (DSS) Big Data Analytics
FIN 3200	2 cr.	Financial Management
FIN 3400	2 cr.	Corporate Finance (QI)
MGT 2050	2 cr.	Business Law
MGT 3500	3 cr.	Fundamentals of Marketing
MGT 3500 MGT 3700 MGT 3800 MGT 3890 MIS 2100 MIS 3200	2 cr.	Operations Management
MGT 3800	2 cr.	Leadership
MGT 3890	2 cr.	Systems Strategy & Problem Solving
MIS 2100	3 cr.	Principles of MIS (C or better for MIS 3300)
MIS 3200	3 cr.	Business Communications (CI)
STAT 2300 OI 2000*	R 4 cr.	Business Statistics
*These courses must l	oe complete	ed with a C grade or higher

- Students must be formally admitted to the Jon M. Huntsman School of Business.
- Students may complete up to 15 USU Huntsman School of Business required credits numbered 2000 and above including transfer credits prior to formal admittance to the Huntsman School.
- Students transferring more than 15 acceptable credits must receive Huntsman School admittance prior to completing further Huntsman School required courses.
- Huntsman School applications are processed every semester. Applications must be received by December I for Spring, April I for Summer, and July I for Fall.
- Minimum grade requirement for MIS 2200 and ENGL 2010 will be applied and based on admission time period.
- Inorder to register for most 3000-, 4000- and 5000-level courses in the Huntsman School, a 2.67 overall GPA is required.
- For semester availability and prerequisites, see the USU general catalog or check online at http://catalog.usu.edu/.
- All Utah State University graduation requirements must be met. Check USU catalog for more information regarding requirements.
- It is strongly recommended that graduation applications be completed two semesters prior to graduation. http://www.usu.edu/registrarlhtm/graduation.
 - A 2.50 Accounting GPA and overall GPA is required for graduation.

ABCDE

These courses must be completed with a C grade or higher

MIS Major Requirements

MIS 3330 **Database Management** 3 cr MIS 3800 IT H/W and Systems S/W 3 cr. MIS 5900 Sys. Analysis/Project Mgt. 3 cr. MIS 5910 (take with MIS 5900) 1 cr. MIS 4250 3 cr. Internship (waived for Huntsman Scholars) MIS 3500 **OR** Intro to Bus. Applications 3 cr. CS 1400/1405 C++ and C++ lab 4 cr. *MIS Electives: Choose 4 courses (12 cr.) from approved elective topics.

*MIS Elective Topics

(Choose 4 courses/12 cr.)

MIS 3300 Big Data Analytics**		*	*	*	
MIS 3450 GUI Design	*				*
MIS 4330 Adv. DB	*	*			
MIS 4350 Intro Perf. impvt Proj.			*	*	*
MIS 4800 Security Bus Info Systems		*	*	*	
MIS 5050 ASP.NET	*				
MIS 5150a Emerging Technologies		*		*	
MIS 5150x Emerging Technologies			*		
MIS 5300 Adv. Data Comm.		*		*	
MIS 5350 Fin Modeling/ Applications				*	
MIS 5650 PHP	*				
MIS 5700 Internet Mgt and E-comm.			*		
CS 1410 C++ 2 nd Class	*				
INST 5XXX Instructional Tech Elective					*

**Can count as MIS elective if not taken in acumen

- **(A) Web Developer** creates applications hosted on web sites. Requires strong programming skills and understanding of database principles. Security is important to protect integrity of web sites and user interface design skills help a developer create attractive, functional web sites.
- **(B)** Database Administrator (DBA) monitors, maintains, and optimizes critical organizational data to ensure efficient and accurate storage and retrieval. Understanding security and advanced data communication topics are important in the confidentiality and protection of data integrity.
- (C) Project Manager coordinates IT projects, working with end users and technical staff to ensure deliverables meet business needs and are delivered on-time and within budget. E-commerce mgt. and security topics are helpful to understand web-based architectures and enforce project standards and quality-assurance procedures.
- **(D) IT consultant/Business Analyst** examines and aligns business processes with information technologies, implementing more efficient and effective practices. Security and data communication infrastructure issues as well as the ability to analyze large amounts of data are helpful. Strong communication skills prove valuable, as the consultant/analyst serves as a liaison between end users and technical professionals.
- **(E)** E-learning Manager creates training modules for web-based training development projects. Understanding instructional design and training and development principles is required. Strong analytical and communication skills are important, as well as user interface planning skills to create well-designed applications.

UNIVERSITY STUDIES CHECKLIST FOR STUDENTS WITH A MAJOR IN THE SOCIAL SCIENCES

GENERAL EDUCATION (34-37 CREDITS)

COMPETENCY REQUIREMENTS (7-13 CREDITS)

Communications 1. □ El 2. □ El	NGL 101	l0 or □ AP Er	nglisł	n or 🗆	ACT English ≥ 29 or □	CLEP (3)							
	1ATH 10	` '	or Sta	ats req	uiring Math 1050 as a	prerequisite or <i>F</i>	AP Calculus	score	of 3 or be	tter)			
*This course must be	complete	d with a C grade	e or h	igher.									
BREADTH REQUIREM Select at USU onli	least o	ne approved		-	m each of the followin	g six categories.	(A maximu	ım of 4	4 CLEP or A	AP areas may be (used.) Approve	d courses can be f	ound in the
American Inst.		USU 1300	or		Approved Course	ECN 1500	or		AP				
Creative Arts		USU 1330	or		Approved Course		_ or		AP				
Humanities		USU 1320	or		Approved Course		_ or		AP				
Life Sciences		USU 1350	or		Approved Course		_ or		AP				
Physical Science		USU 1360	or		Approved Course		_ or		AP				
Social Science		USU 1340	or		Approved Course	ECN 2010	_ or		AP				
Exploration Credit	t				Approved Course		-						
DEPTH REQUIREMEN	ıтs (5 со	URSES)											
	000+ Le	vel Life and P	hysi	cal Sci	iscipline) ences (DSC) Approved ative Arts (DHA) Appro					- -			
Communications	Intensiv	<u>ve</u> (Two cours	ses w	hich a	re part of major)								
□ MIS 3200 Business Communication													
□ IV	1IS 5900)		Syst	ems Analysis/ Project	Management							
Quantitative Inter			nich	-									
□ FI	IN 3400			Cor	porate Finance								

UPPER-DIVISION CREDITS

Completion of a minimum of 40 credits numbered 3000 or above.