

**Jon M. Huntsman School of Business**  
**Management Information Systems**  
(Effective Fall 2020)

**Business Acumen**

_____	<b>ACCT 2010</b>	(3 cr.) Financial Accounting Principles
_____	<b>ACCT 2020</b>	(3 cr.) Managerial Accounting Principles
_____	<b>ECN 1500</b>	(3 cr.) Econ Institutions (Macroeconomics) (BAI)
_____	<b>ECN 2010</b>	(3 cr.) Intro to Microeconomics (BSS)
_____	<b>FIN 3200</b>	(3 cr.) Financial Management
_____	<b>FIN 3400</b>	(3 cr.) Corporate Finance (QI)
_____	<b>MGT 2050</b>	(3 cr.) Legal and Ethical Environment of Business
_____	<b>MGT 3050</b>	(3 cr.) Foundations of Business: Capitalism, Markets and Innovation
_____	<b>MGT 3700</b>	(2 cr.) Operations Management
_____	<b>MSLE 3500</b>	(3 cr.) Fundamentals of Marketing
_____	<b>MSLE 3800</b>	(2 cr.) Leadership
_____	<b>MSLE 3890</b>	(2 cr.) Systems Strategy and Problem Solving
_____	<b>MIS 1100</b> <sup>^</sup>	(1 cr.) Excel for Business Analysis
_____	<b>MIS 2100</b> <sup>^</sup>	(3 cr.) Data and Information in Business
_____	<b>MIS 3100</b>	(4 cr.) Making Decisions with Data (QL)
_____	<b>MIS 3200</b>	(3 cr.) Business Communication (CI)
_____	<b>MIS 3300</b>	(3 cr.) Big Data Analysis (QI)

- Students must be formally admitted to the Jon M. Huntsman School of Business.
- Huntsman School of Business courses are limited to one repeat.
- A 2.50 GPA in core and major courses is required for graduation.
- For semester availability and prerequisites, see the USU general catalog <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/registrar/hm/graduation>.

\*C or better required in all business acumen courses.

<sup>^</sup> MIS 1100/2100 are co-requisite courses

**MIS Major Requirements**

_____	<b>MIS 3330</b>	Database Management	(3 cr)
_____	<b>MIS 3800</b>	IT Infrastructure	(3 cr)
_____	<b>MIS 5900</b>	System Design and Implementation (CI)	(3 cr)
_____	<b>MIS 5910</b>	System Design Lab	(1 cr)
_____	<b>MIS 4250</b>	MIS Internship	(3 cr)
_____	<b>MIS 3500</b>	Intro to Python PRG	(3 cr)
_____	<b>OR</b>		
_____	<b>CS 1400</b>	Introduction to Computer Science – CS 1	(4 cr)

\*MIS Electives: Choose 4 courses (12 cr.) from approved elective topics.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**\*MIS Elective Topics**

(Choose 4 courses/12 cr.)

		A	B	C	D	E
MIS 3450	GUI Design	*				
MIS 4330	Adv. DB	*	*			*
MIS 4800	Security Bus Info Systems		*	*	*	
MIS 5050	ASP.NET	*				
MIS 5150a	Emerging Technologies		*		*	*
MIS 5150x	Emerging Technologies			*		
MIS 5300	Adv. Data Comm.		*		*	
MIS 5400	Syst and Analytics Program	*				*
MIS 5650	PHP	*				
MIS 5700	Internet Mgt and E-comm.			*		
CS 1410	CS 2 (QI)	*				
FIN 5350	Financial Modeling					*

**(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) Data Analytics** the data analytics track prepares students for positions in business that involve acquiring, modeling, analyzing, interpreting and displaying data for the purposes of optimal decision making.

**UNIVERSITY STUDIES CHECKLIST  
FOR STUDENTS WITH A MAJOR IN THE SOCIAL SCIENCES  
GENERAL EDUCATION (34-37 CREDITS)**

**COMPETENCY REQUIREMENTS (7-13 CREDITS)**

Communications Literacy (3-6)

1.  ENGL 1010 or  AP English or  ACT English  $\geq$  29 or  CLEP (3)
2.  ENGL 2010\* (3)

Quantitative Literacy (4)

- MATH 1050 (4)  
(or one course in Math or Stats requiring Math 1050 as a prerequisite or AP Calculus score of 3 or better)

*\*This course must be completed with a C grade or higher.*

**BREADTH REQUIREMENTS (6 COURSES – 18 CREDITS)**

Select at least one approved course from each of the following six categories. (A maximum of 4 CLEP or AP areas may be used.) Approved courses can be found in the USU online catalog.

- |                    |                          |                 |       |                          |                 |                 |    |                          |    |
|--------------------|--------------------------|-----------------|-------|--------------------------|-----------------|-----------------|----|--------------------------|----|
| American Inst.     | <input type="checkbox"/> | USU 1300        | or    | <input type="checkbox"/> | Approved Course | <u>ECN 1500</u> | or | <input type="checkbox"/> | AP |
| Creative Arts      | <input type="checkbox"/> | USU 1330        | or    | <input type="checkbox"/> | Approved Course | _____           | or | <input type="checkbox"/> | AP |
| Humanities         | <input type="checkbox"/> | USU 1320        | or    | <input type="checkbox"/> | Approved Course | _____           | or | <input type="checkbox"/> | AP |
| Life Sciences      | <input type="checkbox"/> | USU 1350        | or    | <input type="checkbox"/> | Approved Course | _____           | or | <input type="checkbox"/> | AP |
| Physical Science   | <input type="checkbox"/> | USU 1360        | or    | <input type="checkbox"/> | Approved Course | _____           | or | <input type="checkbox"/> | AP |
| Social Science     | <input type="checkbox"/> | USU 1340        | or    | <input type="checkbox"/> | Approved Course | <u>ECN 2010</u> | or | <input type="checkbox"/> | AP |
| Exploration Credit | <input type="checkbox"/> | Approved Course | _____ |                          |                 |                 |    |                          |    |

**DEPTH REQUIREMENTS (5 COURSES)**

Required Depth Courses (Two courses outside discipline)

- 3000+ Level Life and Physical Sciences (DSC) Approved Course \_\_\_\_\_
- 3000+ Level Humanities and Creative Arts (DHA) Approved Course \_\_\_\_\_

Communications Intensive (Two courses which are part of major)

- MIS 3200 Business Communication
- MIS 5900 System Design and Implementation

Quantitative Intensive (One course which is part of major)

- FIN 3400 Corporate Finance

**UPPER-DIVISION CREDITS**

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