### Jon M. Huntsman School of Business

#### Management Information Systems

(Effective Fall 2018)

**Business Acumen**

- ACCT 2010 3 cr. Financial Accounting Principles
- ACCT 2020 3 cr. Managerial Accounting Principles
- MGT 1050 3 cr. Foundations of Business Leadership
- ECN 1500 3 cr. ECN Institutions (Macroecon.) (BAI)
- ECN 2010 3 cr. Intro to Microeconomics (BSS)
- MIS 3300 3 cr. Big Data Analytics
- FIN 3200 3 cr. Financial Management
- FIN 3400 3 cr. Corporate Finance (QI)
- MGT 2050 2 cr. Business Law
- MGT 3500 3 cr. Fundamentals of Marketing
- MGT 3700 2 cr. Operations Management
- MGT 3800 2 cr. Leadership
- MGT 3890 2 cr. System Strategy & Problem Solving
- MIS 2100 3 cr. Principles of MIS
- MIS 3200 3 cr. Business Communications (CI)
- STAT 2300 OR 2000 4 cr. Business Statistics

**MIS Elective Topics**

- 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 1 for Spring, April 1 for Summer, and July 1 for Fall.
- In order 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/registrarhtm/graduation.

**Entering Freshmen must have at least a C grade in all acumen courses.**

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<th>MIS Major Requirements</th>
<th><em>MIS Elective Topics</em> (Choose 4 courses/12 cr.)</th>
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| MIS 3330 Database Management 3 cr. | MIS 3450 GUI Design | (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.
- MIS 3800 IT H/W and Systems S/W 3 cr. | MIS 4330 Adv. DB | (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.
- MIS 5900 Sys. Analysis/Project Mgt.(CI) 3 cr. | MIS 4800 Security Bus Info Systems | (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 mgmt. and security topics are helpful to understand web-based architectures and enforce project standards and quality-assurance procedures.
- MIS 5910 (take with MIS 5900) 1 cr. | MIS 5050 ASP.NET | (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.
- MIS 4250 Internship 3 cr. | MIS 5150a Emerging Technologies | (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.
- MIS 3500 OR Intro to Bus. Applications 3 cr. | MIS 5150x Emerging Technologies |  |

**MIS Electives**: Choose 4 courses (12 cr.) from approved elective topics.
COMPETENCY REQUIREMENTS (7-13 CREDITS)

Communications Literacy (3-6)
1. □ ENGL 1010 or □ AP English or □ ACT English ≥ 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. □ 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 □ 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 Systems Analysis/ Project Management

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.