

Jon M. Huntsman School of Business
Information Systems (Effective Fall 2026)

BUS 1000 New freshmen and transfer students who have declared a major in the Huntsman School of Business are expected to enroll in BUS 1000 during their first year. Logan campus only.

Business Acumen:

_____	ACCT 2010	(3 cr.)	Financial Accounting Principles
_____	ACCT 2020	(3 cr.)	Managerial Accounting Principles
_____	ECON 2020	(3cr.)	Intro to Macroeconomics
_____	ECON 2010	(3 cr.)	Intro to Microeconomics
_____	FIN 3200	(3 cr.)	Corporate Finance (QI)
_____	FIN 3300	(3 cr.)	Investments
_____	MGT 3350	(3 cr.)	Legal and Ethical Environment of Business
_____	ECON 3050	(3 cr.)	Foundations of Business
_____	MGT 3700	(3 cr.)	Operations Management
_____	MSLE 3500	(3 cr.)	Fundamentals of Marketing
_____	MSLE 3800	(2 cr.)	Leadership
_____	MSLE 3890	(2 cr.)	Systems Strategy and Problem Solving
_____	BUS 3200	(3 cr.)	Professional Communication with AI (CI)
_____	DATA 1100 [^]	(1 cr.)	Excel for Business Analysis
_____	DATA 2100 [^]	(3 cr.)	Data and Information in Business
_____	DATA 3100	(3 cr.)	Making Decisions with Data
_____	DATA 3300	(3 cr.)	Introduction to Modern Data Analytics (QI)

*C or better required in all Business Acumen courses.

[^]DATA 1100 and DATA 2100 are co-requisite courses

- 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 class availability please contact your Academic Advisor. Class availability is subject to change. For prerequisites, check the USU General Catalog: <http://catalog.usu.edu/>
- All Utah State University graduation requirements must be met. Check USU Catalog and Degree Works for more information regarding requirements
- It is strongly recommended that graduation applications be completed one semester prior to graduation. <http://www.usu.edu/registrar/html/graduation>

Full-Stack Development Emphasis: prepares students to design, develop, and deploy web applications through coursework in web interface design (HTML/CSS/JavaScript), advanced server-side application development, API development, and e-commerce strategy. Web development ranks among the most highly demanded information systems skills, as a web presence is essential for virtually all companies.

Data Engineering Emphasis: develops the skills in programming, database management, and data mining that employers need to support their analytics objectives. Opportunities in Data Engineering are expanding rapidly as companies increasingly rely on data analytics and data science to inform strategy. Data Engineers create organizational and industry-wide access to clean, reliable data at scale with sound data infrastructure and architecture.

Cybersecurity Emphasis: this emphasis provides hands-on knowledge in programming, information security, network security, design, and architecture, enterprise security, and physical security. Includes hands-on applications with Linux, hacking, and other skills for securing business.

IS Major Core Requirements:

_____	DATA 5300	Database Management	(3 cr)
_____	DATA 5400	Data Visualization with Tableau (CI)	(3 cr)
_____	DATA 5500	Python Programming for Analytics	(3 cr)
_____	IS 5200	Into to Cloud Computing	(3 cr)
_____	IS 4250	DAIS Internship	(3 cr)

IS Major Emphasis (REQUIRED): *Students must select one or more of the following emphasis areas*

- Full-Stack Development
- Data Engineering
- Cybersecurity

Full-Stack Development:

_____	IS 5700	UI/UX Web Design	(3 cr)
_____	IS 5750	JavaScript for Web Dev.	(2 cr)
_____	IS 5770	Client-Side Web Dev.	(3 cr)
_____	IS 5780	Server-Side Web Dev.	(3 cr)
_____	Elective	**Choose one: IS 5100, DATA 5510, DATA 5570	(3 cr)

Data Engineering:

_____	DATA 5330	Data Pipeline Engineering	(3 cr)
_____	DATA 5360	Data Warehousing	(3 cr)
_____	DATA 5510	Advanced Python	(3 cr)
_____	Elective	**Choose Two: IS 5100, DATA 5310, DATA 5570, IS 5700, IS 5770	(3 cr)
_____	Elective		

Cybersecurity:

_____	IS 5800	Networks	(3 cr)
_____	IS 5810	Intro to Cybersecurity	(3 cr)
_____	IS 5820	Cybersecurity Detection, Response and Intelligence	(3 cr)
_____	IS 5850	Enterprise Security	(3 cr)
_____	Elective	**Choose One: IS 5100, DATA 5510, DATA 5570, IS 5750, IS 5770, IS 5780, IS 5885, IS 5890	(3 cr)

****Some classes may not be offered Statewide**

IS 5800- offered Fall term only

IS 5700- offered Fall term only

IS 5750- offered Spring term only

DATA 5330- Offered In-Person (Logan Campus only) during Fall term. Online during Spring term.

DATA 5360- Offered Online during Fall term. In-Person (Logan Campus only) Spring term.

UNIVERSITY STUDIES CHECKLIST FOR STUDENTS WITH A MAJOR IN SOCIAL SCIENCES

GENERAL EDUCATION

COMPETENCY REQUIREMENTS

Communications Literacy

- Any class with a Communication Literacy 1 (CL1) attribute or AP English or ACT English ≥ 29 or ☐ CLEP
Any class with a Communication Literacy 2 (CL2) attribute. **This requirement must be completed with a grade of a C or better**

Quantitative Literacy

- ☐ Any course with Quantitative Literacy (QL) or AP Calculus or ACT MATH ≥ 26 or CLEP
****MATH 1050 is the preferred option***

BREADTH REQUIREMENTS

Select at least one approved course from each of the following six categories. Approved courses can be found in the USU online catalog.

American Institutions (BAI)	Approved Course _____	or AP
Creative Arts (BCA)	Approved Course _____	or AP
Humanities (BHU)	Approved Course _____	or AP
Life Sciences (BLS)	Approved Course _____	or AP
Physical Science (BPS)	Approved Course _____	or AP
Social Science (BSS)	Approved Course _____	or AP

DEPTH REQUIREMENTS

Required Depth Courses (Two courses outside of major)

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

Communications Intensive(CI)

- ☐ BUS 3200 Professional Communication with AI
☐ DATA 5400 Data Visualization with Tableau (CI)

Quantitative Intensive

- ☐ DATA 3300 Intro. to Modern Data Analytics or FIN 3200 Fundamentals of Finance I

UPPER-DIVISION CREDITS

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