## Business Acumen:

- **ACCT 2010** (3 cr.) Financial Accounting Principles
- **ACCT 2020** (3 cr.) Managerial Accounting Principles
- **ECN 1500** (3 cr.) Intro to Econ Institutions, History & Principles (BAI)
- **ECN 2010** (3 cr.) Introduction to Microeconomics (BSS)
- **FIN 3200** (3 cr.) Fundamentals of Finance I
- **FIN 3300** (3 cr.) Fundamentals of Finance II
- **MGT 3350** (3 cr.) Legal and Ethical Environment of Business
- **MGT 3050** (3 cr.) Foundations of Business: Capitalism, Markets, and Innovation
- **MGT 3700** (2 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.) Business Communication (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.

## Data Analytics Major Core Requirements:

- **DATA 3330** Database Management (3 cr.)
- **DATA 3400** Data Visualization with Tableau (CI) (2 cr.)
- **DATA 3500** Introduction to Python Programming (3 cr.)
- **DATA 4330** Advanced Database and Database Analytics (3 cr.)
- **DATA 5400** Visual Data Analytics (3 cr.)
- **DATA 5500** Advanced Python Programming for Analytics (3 cr.)
- **DATA 5600** Introduction to Regression and Machine Learning for Analytics (3 cr.)
- **DATA 5610** Advanced Machine Learning for Analytics (3 cr.)
- **MATH 1210** Calculus I (4 cr.)
- **MATH 2270** Linear Algebra (3 cr.)

### Data Analytics Description

Data analysts and data scientists are in heavy demand by companies who need to make strategic decisions in an increasingly data-driven world. In the Data Analytics program, students gain hands-on experience applying the latest data technologies and sophisticated analytical methods, with rigorous courses in computer programming, machine learning and artificial intelligence, data engineering, visualization, and data mining. The Data Analytics experience includes real-world problem-solving across all functions of an organization, including strategy, sales and marketing, accounting, finance, human resources, and operations.
UNIVERSITY STUDIES CHECKLIST
FOR STUDENTS WITH A MAJOR IN THE SOCIAL SCIENCES
GENERAL EDUCATION (34-37 CREDITS)

COMPETENCY REQUIREMENTS (7-13 CREDITS)

Communications Literacy (6 credits)
  CL1 □ ENGL 1010 or □ AP English or □ ACT English ≥ 29 or □ CLEP (3)
  CL2 □ ENGL 2010* (3)
  *This course must be completed with a C grade or higher.

Quantitative Literacy (3-4 credits)
  □ MATH 1050* (4) or □ AP Calculus or □ ACT MATH ≥ 26 or □ CLEP
  *or one MATH or STATS course requiring MATH 1050 as a prerequisite.

BREADTH REQUIREMENTS (18 TO 20 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 Institutions □ 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
Integrated Studies □ 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, one of which is part of major requirements)
  □ BUS 3200 Business Communication
  □ DATA 3400 Data Visualization with Tableau

Quantitative Intensive (One course which is part of major)
  □ DATA 3300 Intro to Modern Data Analytics

UPPER-DIVISION CREDITS
Completion of a minimum of 40 credits numbered 3000 or above.