As a student in Business and Management Systems, your classes will include a business core consisting of courses in financial accounting, managerial accounting, management and organizational behavior, business law, marketing, finance, operations, statistics, and strategic management. Your undergraduate degree will also emphasize the role of technology in business. Graduates in this field analyze organizational needs to provide technology-enabled management and operations solutions.

You will join your Information Science and Technology classmates in a common core set of classes. These classes reflect the theme of integration of business and technology, and represent information technology, management, quantitative, and communication skills. Finally, all of your coursework rests on a broad foundation of general education classes from humanities, social sciences, physical sciences, and mathematics.

To prepare yourself for a beginning career in business, you will also take 15 credit hours of Business Electives. Students are encouraged to pursue one or more of over a dozen minors offered by the Department of Business and Information Technology in fields such as Business Analytics and Data Science, Digital Supply Chain Management, Electronic and Social Commerce, Enterprise Resource Planning, Entrepreneurship, Finance, Financial Technology, Human-Computer Interaction and User Experience, Management, Marketing, and Mobile Business and Technology. In addition, all Business and Management Systems students are eligible for a minor in Information Science and Technology without any additional elective coursework.

**Popular Professions in the Field**

*(Preparation for some of these careers requires specific courses)*

- Business Analytics and Data Science
- E-Commerce and Mobile Business - Web Site Design, E-Commerce Business Strategy
- Enterprise Resource Planning (ERP)
- Entrepreneurship - Business Development, Technological Innovation
- Finance - Banking, Investment Management, Insurance, Financial Technology
- Human-Computer Interaction - Usability Analysis, Interface Design
- Management and Leadership
- Management of Information Technology
- Marketing and Sales - Brand Management, Consumer Behavior, Digital Marking, Consumer Analytics
- Project Management

**Average starting salaries - Career Opportunities and Employer Relation Statistics**

- $60,950 - for B.S. in Business and Management Systems from Missouri S&T
- $3,231 - average monthly salary for Co-ops
- $3,369 - average monthly salary for Summer Internships

**Top Hiring Employers:** Boeing, Accenture, Cerner, AT&T, Monsanto, Google, Walmart, MasterCard, Deloitte
I. General Education (51 credit hours)

(1) __ Introduction to College Success, BUS 1810

II. Common Core Courses (27 credit hours)

III. Business Core (18 credit hours)

(3) __ Business Law, BUS 2910
(3) __ Managerial Accounting, BUS 3220
(3) __ Business Negotiations, BUS 4111
(3) __ Business Operations, BUS 5360
(3) __ Strategic Management, BUS 5580
(3) __ Digital Marketing and Promotions, MKT 5310

IV. Business Electives (15 credit hours)

Select any five courses (at 2000-level or above) from BUS, ECON, FINANCE, ERP, IS&T, or MKT. Optional classes are listed below:

Business Management and Trends
(3) __ Human Resource Management, BUS 5470
(3) __ Machine Learning and AI for Business, BUS 5730
(3) __ Privacy and Information Security Law, BUS 5910
(3) __ Technological Innovation Management, IS&T 5291
(3) __ Digital Commerce and the Internet of Things, IS&T 4641
(3) __ Fundamentals of Mobile Technology for Business, IS&T 5335
(3) __ Human and Organizational Factors in Cybersecurity, IS&T 5780

Business Analytics and Data Science
(3) __ Data Science and Data Management, IS&T 3420
(3) __ Database Management, IS&T 3423
(3) __ Business Analytics and Data Science, IS&T 5420
(3) __ Introduction to Information Visualization, IS&T 5450
(3) __ Data Science and Machine Learning with Python, IS&T 5520

Enterprise Resource Planning (ERP)
(3) __ ERP Systems Design and Implementation, ERP 5110
(3) __ ERP in Small and Mid Size Enterprises, ERP 5130
(3) __ Performance Visualization, ERP 5210
(3) __ Introduction to Dashboard Prototyping, ERP 4220
(3) __ Application Development and Software Security, ERP 5240
(3) __ Supply Chain in ERP, ERP 5310
(3) __ Use of Business Intelligence, ERP 5410
(3) __ Customer Relationship Management in ERP, ERP 4610
(3) __ Introduction to Data Warehouses, IS&T 4444

Finance and Financial Technology
(3) __ Corporate Finance II, FINANCE 5160
(3) __ Investments I, FINANCE 5260
(3) __ Financial Technology and Analytics, FINANCE 5310
(3) __ Financial Statement Analysis, BUS 5230

Human-Computer Interaction and User Experience
(3) __ Digital Media Development and Interactive Design, IS&T 5680
(3) __ Human-Computer Interaction, IS&T 5885
(3) __ Prototyping Human-Computer Interactions, IS&T 5886
(3) __ Human-Computer Interaction Evaluation, IS&T 5887

Marketing
(3) __ Consumer Behavior, MKT 3210
(3) __ Marketing Strategy, MKT 4580
(3) __ Marketing for Non-Profits, MKT 5320
(3) __ Big Data Consumer Analytics, MKT 5410

V. Free Electives (9 credit hours)

(updated 10/19/2020)

(3) __
(3) __
(3) __

1 Writing intensive course
2 Any course in the following areas: biology, chemistry, geology, geological engineering, physics
3 Any course in the following areas that is not used for other degree requirements: art, economics, English, foreign language, history, literature, music, philosophy, political science, psychology, sociology, theater
4 HISTORY 1100 or HISTORY 1200 or HISTORY 1300 or HISTORY 1310
5 A grade of ‘C’ or better is required
6 MATH 1120 may be substituted for MATH 1140