



Business and Information Technology

B.S. in Business and Management Systems

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. To prepare yourself for a beginning career in business, you may also opt for a minor in Business Analytics, Digital Supply Chain Management, Electronic and Social Commerce, Enterprise Resource Planning (ERP), Entrepreneurship, Finance, Human-Computer Interaction (HCI), Information Science & Technology (IST), Management, and/or Marketing.

You will join your Information Science & 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 the humanities, social sciences, physical sciences, and mathematics.

Common Career Professions

Banking	Investment Management
Brand Management	Management
Finance	Marketing
Entrepreneurship	Operations & Production Management
Enterprise Resource Planning	Product Management
Human Resource Management	Project Management
Information Systems Management	Retailing
Insurance	Sales
International Business	Supply Chain Management

Career Opportunities & Employer Relation Statistics 2014-2015

\$54,750- Average starting salary for B. S. in Business & Management Systems
 \$61,127- Average starting salary for Masters in Business Administration (MBA)
 \$3,138- Average monthly salary for Summer Interns
 \$3,076- Average monthly salary for Co-Ops

Top Hiring Employers 2014-2015: Cerner, Junction Solutions, AT&T, Edward Jones, Enterprise, Missouri S&T

Top Intern Hiring Employers 2014-2015: Monsanto, Nucor Corporation, Anheuser-Busch, Turing Consulting



I. General Education (54 credit hours)

- (1) ___ Introduction to College Success, BUS 10/1810¹

Natural Systems (10 credit hours)

- (3) ___ General Psychology, PSYCH 50/1101
(3) ___ Science Elective³
(3) ___ Science Elective³
(1) ___ Science Laboratory

Human Institutions (15 credit hours)

- (3) ___ Fine Art, Social Science or Humanities Elective²
(3) ___ History Elective
(3) ___ Microeconomics, ECON 121/1100⁵
(3) ___ Macroeconomics, ECON 122/1200⁵
(3) ___ American Government, POL SCI 90/1200

Quantitative Skills (10 credit hours)

- (3) ___ College Algebra, MATH 4/1140 or MATH 2/1120
(4) ___ Business Calculus, MATH 12/1212
(3) ___ Statistical Tools for Decision Making, STAT 211/3111

Communication Skills (15 credit hours)

- (3) ___ Principles of Speech, SP&MS 85/1185
(3) ___ Exposition & Argumentation, ENGL 20/1120
(3) ___ Intro to Tech Com, ENGL/TCH COM 65/1600
(3) ___ Practicum in Tech Com, ENGL/TCH COM 260/2560
(3) ___ Web & Digital Media Development IST 286/4654⁵

II. Common Core Courses (27 credit hours)⁵**Information Technology (12 credit hours)**

- (3) ___ Intro. to Mgt. Info. Systems, IST 50/1750
(3) ___ Implementation of IS I, IST 51/1551
(3) ___ Implementation of IS II, IST 151/1552
(3) ___ Intro. to Enterprise Resource Planning, ERP 246/2110

Management (9 credit hours)

- (3) ___ Financial Accounting, BUS 120/1210
(3) ___ Corporate Finance, FIN 250/2150
(3) ___ Marketing, MKT 311/3110

Entrepreneurship & Innovation (6 credit hours)

- (3) ___ Introduction to Mgmt and Entrepreneurship, BUS 110/1110
(3) ___ Bus. Models for Entrepreneurship & Innovation, BUS 396/5980¹

III. Business Core (18 credit hours)

- (3) ___ Business Law, BUS 230/2910
(3) ___ Managerial Accounting, BUS 320/3220
(3) ___ Business Operations, BUS 360/5360
(3) ___ Strategic Management, BUS 380/5580
(3) ___ Digital Marketing and Promotions MKT 331/5310
(3) ___ International Business, BUS 375/4675

IV. Business Electives (15 credit hours)⁵

Select any **five** 3000-5000 level class from BUS, MKT, FIN, ERP, or IST. (A "C" or better grade is required from all 12 credit hours).
Optional classes listed below:

IST Electives

- (3) ___ Computing Internals and Operating Systems, IST 231/3131
(3) ___ Data Networks & Information Security, IST 233/3333
(3) ___ Systems Analysis, IST 243/3343
(3) ___ Electronic and Mobile Commerce, IST 241/4641
(3) ___ Network Economy, IST 357/4257
(3) ___ Fundamentals of Mobile Tech for Business, IST 335/4335

Business Analytics & Data Science

- (3) ___ Intro to Data Science & Management, IST 3420
(3) ___ Database Management, IST 223/3423
(3) ___ Intro to Info Visualization, IST 4450
(3) ___ Business Analytics & Data Science, IST 5420

Enterprise Resource Planning⁴

- (3) ___ ERP Systems Design & Implementation, ERP 346/5110
(3) ___ Customer Relationship Mgmt in ERP, ERP 342/4610
(3) ___ ERP in Small & Mid-Size Enterprises ERP 5130
(3) ___ Enterprise Portal & Mobile Application Dev, ERP 341/5240
(3) ___ Supply Chain Mgmt Systems in an ERP Environ, ERP 347/5310
(3) ___ Use of Business Intelligence, ERP 345/5410
(3) ___ Perform. Dashboard, Scorecard & Data Visualization, ERP 348/5210

Finance

- (3) ___ Corporate Finance II, FIN 350/ 5160
(3) ___ Investments I, FIN 360/5260
(3) ___ Financial Statement Analysis BUS 5001

Human-Computer Interaction

- (3) ___ Human-Computer Interaction, IST 385/5885
(3) ___ Prototyping Human-Computer Interactions, IST 386/5886
(3) ___ Human-Computer Interaction Evaluation, IST 387/5887
(3) ___ Intro to Web & New Media Studies IST 380/4680

Management

- (3) ___ Business Negotiations, BUS 311/4111
(3) ___ Intro. to Teambuilding and Leadership, BUS 315/3115
(3) ___ Tech. Innovation Mgmt & Leadership, IST 351/5251
(3) ___ Human Resource Management, BUS 370/5470

Marketing

- (3) ___ Consumer Behavior, MKT 321/3210
(3) ___ Customer Focus and Satisfaction, MKT 350/4150
(3) ___ Marketing Strategy, MKT 380/4580
(3) ___ Digital Marketing and Promotions, MKT 331/5310
(3) ___ Marketing for Non-Profits MKT 5320

V. Free Electives (9 credit hours)

- (3) ___ _____
(3) ___ _____
(3) ___ _____