Business and Management Systems

As a student in Business and Management Systems, your classes will include a business core consisting of courses in macroeconomics, microeconomics, financial accounting, managerial accounting, management and organizational behavior, business law, marketing, finance, operations, statistics, and strategic management. Your undergraduate degree will 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 opt for a concentration in finance, marketing, e-commerce, management information systems, enterprise resource planning, or human-computer interaction.

All Business and Management Systems students will join their Information Science & Technology classmates in a common core. 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.

Career Opportunities

Accounting
Banking
Brand management
Finance
Entrepreneur
Enterprise resource planning
Human resource management
Information systems management
Insurance
International business

International business
Investments
Management
Marketing
Operations and production management
Product management
Project management
Retailing
Sales
Supply Chain Management

Scholarships

Freshman scholarships are automatically awarded based on the high school transcript and ACT scores. No application is necessary. Scholarships for sophomores, juniors, and seniors require an application and are based on academic record, service activities, and extracurricular activities.

Specific Courses

The back of this sheet provides a checklist that Business and MS students use to ensure they meet requirements. Descriptions of the courses listed are in the Undergraduate Catalog, which is also available online.

Business and Management Systems Degree Catalog Year Fall 2011
Student Checklist - (120 credit hours)

I. General Education (54 credit hours)
(1) __ Introduction to College Success I, BUS 18100[1]

Natural Systems (10 credit hours)
(3) __ General Psychology, PSYCH 1101
(3) __ Science Elective
(3) __ Science Elective
(1) __ Science Laboratory

Human Institutions (18 credit hours)
(3) __ Fine Art, Social Science or Humanities Elective[2]
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(3) __ History Elective
(3) __ Microeconomics, ECON 1100[5]
(3) __ Macroeconomics, ECON 1200[5]
(3) __ American Government, POL SCI 1200

Quantitative Skills (10 credit hours)
(3) __ College Algebra, MATH 1140 or MATH 1120
(4) __ Business Calculus, MATH 1212
(3) __ Statistical Tools for Decision Making, STAT 3111

Communication Skills (15 credit hours)
(3) __ Principles of Speech, SP&MS 1185
(3) __ Exposition & Argumentation, ENGL 1120
(3) __ Intro to Tech Com, ENGL/TCH COM 1600
(3) __ Speech or Technical Communication Elective
(3) __ Practicum in Tech Com, ENGL/TCH COM 2560

II. Common Core Courses (27 credit hours)[5]

Information Technology (12 credit hours)
(3) __ Intro. to Mgt. Info. Systems, IST 1750
(3) __ Implementation of IS I, IST 1551
(3) __ Implementation of IS II, IST 1552
(3) __ Intro. to Enterprise Resource Planning, ERP 2100

Management (12 credit hours)
(3) __ Introduction to Mgmt and Entrepreneurship, BUS 1110
(3) __ Financial Accounting, BUS 1210
(3) __ Corporate Finance, FIN 2150
(3) __ Marketing, MKT 3110

Entrepreneurship (3 credit hours)
(3) __ Bus. Models for Entrepreneurship & Innovation, BUS 5980[1]

III. Business Core (18 credit hours)[5]
(3) __ Business Law, BUS 2910
(3) __ Managerial Accounting, BUS 3200
(3) __ Business Operations, BUS 3360
(3) __ Strategic Management, BUS 5580
(3) __ Introduction to Economic Statistics, ECON 2300
(3) __ International Business, BUS 4675

IV. Business Electives (12 credit hours)[5]
Select any 4 courses (for an optional concentration area, choose 3 courses from one group)

Finance
(3) __ Corporate Finance II, FIN 5160
(3) __ Investments I, FIN 5260
(3) __ International Finance, Econ 4720

Marketing
(3) __ Consumer Behavior, MKT 3210
(3) __ Digital Marketing and Promotions, MKT 5310
(3) __ Customer Focus and Satisfaction, MKT 4150
(3) __ Marketing Strategy, MKT 4580
(3) __ Customer Relationship Management in an ERP Environment, ERP 4610

E-Commerce
(3) __ Advanced Web Development, IST 5652
(3) __ Electronic and Mobile Commerce, IST 4641
(3) __ Web and New Media Design & Development, IST4654
(3) __ E-Commerce Architecture, IST 4642
(3) __ Network Economy, IST 4257
(3) __ Law & Ethics in E-Commerce, IST 5168

Management
(3) __ Business Negotiations, BUS 3111
(3) __ Intro. to Teambuilding and Leadership, BUS 3115
(3) __ Human Resource Management, BUS 5470
(3) __ Tech. Innovation Mgmt & Leadership, IST 5251

Enterprise Resource Planning[4]
(3) __ Enterprise Portal & Mobile Application Dev, ERP 5240
(3) __ Customer Relationship Mgmt in ERP, ERP 4610
(3) __ Use of Business Intelligence, ERP 5410
(3) __ ERP Systems Design & Implementation, ERP 5110
(3) __ Supply Chain Mgmt Systems in an ERP Environ, ERP 5310
(3) __ Perform. Dashboard, Scorecard & Data Visualization, ERP 5210
(3) __ ERP Systems Administration, ERP 5510

Human-Computer Interaction
(3) __ Multimedia Development & Design, IST 5654
(3) __ Human-Computer Interaction, IST 5885
(3) __ Human-Computer Interaction Prototype, IST 5886
(3) __ Human-Computer Interaction Evaluation, IST 5887

V. Free Electives (9 credit hours)
(3) __ _____
(3) __ _____
(3) __ _____

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[1] In-Major Writing Intensive
[2] Any course in the following areas not used for other degree requirements: Art, Economics, English, Foreign Language, History, Literature, Music, Philosophy, Political Science, Psychology, Sociology, Theater.
[3] Biology, Chemistry, Geology, Geological Engineering, Physics.
[4] Students taking 9 credit hours in ERP will be eligible for a Missouri S&T-SAP Certificate, authorized by the SAP Corporation.
[5] A grade of "C" or better is required in these courses.