

Business Administration BS, Information Systems and Technology Emphasis

BSBA (IST emphasis) students will complement coursework in Business Administration with coursework in Information Systems and Technology (IST) to understand how business processes, people, and organizational design when complemented with IST can solve business problems and enable competitive advantage.

General Education Requirements

All Business majors must meet the university general education requirements. As part of meeting the university's general education requirements, all Business majors must complete the prerequisite courses below :

| | | |
|-----------------------------|---|---|
| ECON 1001 | Principles of Microeconomics (MOTR ECON 102) | 3 |
| ECON 1002 | Principles of Macroeconomics (MOTR ECON 101) | 3 |
| MATH 1030 | College Algebra (MOTR MATH 130) | 3 |
| MATH 1100 or BUS AD 1107 | Basic Calculus Quantitative Methods for Business | 3 |
| MATH 1105 | Basic Probability and Statistics | 3 |

Degree Requirements

All Business majors must meet College of Business G.P.A., good standing and credit requirements as outlined in the Bulletin.

Lower Division Business Core Requirements

| | | |
|--------------------|---|-----------|
| ACCTNG 2400 | Fundamentals of Financial Accounting | 3 |
| ACCTNG 2410 | Managerial Accounting | 3 |
| BUS AD 2900 | Legal Environment of Business | 3 |
| INFSYS 2800 | Information Systems Concepts and Applications | 3 |
| Total Hours | | 12 |

Upper Division Requirements

| | | |
|-----------|------------------|---|
| ENGL 3120 | Business Writing | 3 |
|-----------|------------------|---|

Upper Division Non-Business or Business Requirement

Two global awareness courses selected from an approved list maintained in the Office of Undergraduate Academic Advising in the College of Business Administration; also available on our web site.

Upper Division Business Requirements

| | | |
|--------------|---|---|
| ENT 3100 | Applications of Entrepreneurship ¹ | 3 |
| FINANCE 3500 | Financial Management | 3 |
| SCMA 3300 | Business Analytics and Statistics | 3 |

| | | |
|--|---|-----------|
| SCMA 3301 | Introduction to Supply Chain Management | 3 |
| MGMT 3600 | Management and Organizational Behavior | 3 |
| MGMT 4219 | Strategic Management | 3 |
| MKTG 3700 | Principles of Marketing | 3 |
| A minimum of 15 additional hours of upper division approved business electives | | 15 |
| Total Hours | | 36 |

¹

Course is required for BS Accounting and all BS Business Administration majors.

Assessment Requirement

| | | |
|-----------|-----------------------------|---|
| MGMT 4220 | Business Assessment Testing | 0 |
|-----------|-----------------------------|---|

Emphasis Area Requirements

| | | |
|---|---|-----------|
| INFSYS 3830 | Data Programming | 3 |
| INFSYS 3848 | Introduction to Information Security | 3 |
| INFSYS 3862 | Artificial Intelligence Applications for Business | 3 |
| INFSYS 4800 | IT Leadership | 3 |
| INFSYS 4847 | IT Project Management | 3 |
| Elective | | 3 |
| One additional INFSYS course ¹ | | |
| Total Hours | | 18 |

¹

A course in a related-field may be taken with approval of the department chair.

Learning Outcomes

Upon completion of the program, graduates should be able to:

- Articulate and apply foundational knowledge associated with core business disciplines (accounting, finance, supply chain management, marketing, information technology, and management). (Functional Business Knowledge)
- (a) Identify business problems and opportunities, (b) analyze relevant strategic, tactical, and operational options through qualitative and quantitative methods in order to (c) make recommendations and provide the rationale behind decisions. (Decision Making Skills)
- Identify and evaluate global business factors, including the opportunities, constraints and risks of operating across various country environments. (Global Orientation)
- Identify legal/ethical issues, assess impact, and decide on a socially responsible course of action. (Ethical Orientation)
- Students will be able to effectively communicate business issues, analyses and recommendations in written and oral presentations to stakeholders. (Business Communication Skills)
- Develop technological and quantitative skills, including those associated with statistics, data visualization and analysis, project management, social media, and those commensurate with their business specialization. (Technological Skills)

- Demonstrate interpersonal skills to collaborate within diverse teams, effectively engage with stakeholders in a professional manner, and develop leadership skills. (Interpersonal Skills)
- Recognize challenges confronting the management of information systems
- Understand ethical, legal, privacy, and compliance issues relating to information systems
- Develop the foundations of business intelligence, cybersecurity, and enterprise systems
- Explain the analysis and design of information systems
- Synthesize data for managerial decisions

Sample Four Year Plan

First Year

| Fall | Hours | Spring | Hours |
|---------------------------------|-------|--|-------|
| MATH 1030 | | 3 BUS AD 1107 or MATH 1100 | 3 |
| ENGL 1100 | | 3 ECON 1001 | 3 |
| BUS AD 1000 or ENT 1100 | | 3 INFSYS 2800 | 3 |
| INFSYS 1800 | | 3 EXPLORE: Humanities and Fine Arts | 3 |
| EXPLORE: Humanities & Fine Arts | | 3 EXPLOER: Mathematics and Life/ Natural Sciences | 3 |
| INTDSC 1003 | 1 | | |
| | 16 | | 15 |

Second Year

| Fall | Hours | Spring | Hours |
|---------------------------------|-------|-------------------------------------|-------|
| MATH 1105 | | 3 ACCTNG 2410 | 3 |
| ACCTNG 2400 | | 3 BUS AD 2900 | 3 |
| ECON 1002 | | 3 SCMA 3300 | 3 |
| INFSYS 3830 | | 3 INFSYS 3862 | 3 |
| CORE: Communication Proficiency | | 3 EXPLORE: Humanities and Fine Arts | 3 |
| | 15 | | 15 |

Third Year

| Fall | Hours | Spring | Hours |
|------------------------------------|-------|----------------------------------|-------|
| SCMA 3301 | | 3 FINANCE 3500 | 3 |
| MGMT 3600 | | 3 MKTG 3700 | 3 |
| ENGL 3120 | | 3 INFSYS 4800 | 3 |
| CORE - U.S. History and Government | | 3 ENT 3100 | 3 |
| INFSYS 3848 | | 3 Cultural Diversity Requirement | 3 |
| | 15 | | 15 |

Fourth Year

| Fall | Hours | Spring | Hours |
|-------------------------|-------|-----------------------------|-------|
| INFSYS 4847 | | 3 MGMT 4219 or 4220 | 3 |
| Global Awareness Course | | 3 INFSYS 3XXX-4XXX Elective | 3 |
| Electives | 9 | Elective | 8 |
| | 15 | | 14 |

Total Hours: 120