

Business Administration BS, Business Information Technology Emphasis

BSBA (Business Information Technology 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

Students must meet the university general education requirements. Some courses required for the degree may also satisfy certain general education requirements.

Degree Requirements

Course Number	Title	Hours
Business Foundations		
ACCTNG 2400	Fundamentals of Financial Accounting	3
ACCTNG 2410	Managerial Accounting	3
BUS AD 2900	Legal Environment of Business	3
ENT 2100	Applications of Entrepreneurship (BS Accounting and BS Business Administration majors only))	3
INFSYS 1800 or INFSYS 2800	Computers and Information Systems Information Systems Concepts and Applications	3
FINANCE 2500	Financial Management	3
MGMT 2600	Management and Organizational Behavior	3
MGMT 2612	Professional Skills Development	3
MKTG 2700	Principles of Marketing	3
SCMA 2300	Business Statistics	3
SCMA 2301	Introduction to Supply Chain Management	3
Total Hours		33

Global Awareness

Two global awareness courses selected from an approved list maintained in the Office of Undergraduate Academic Advising in the Ed G. Smith College of Business. Some global awareness courses may also satisfy major, emphasis, or electives requirements.

Exit Survey/Learning Assessment Requirement

Seniors must complete an exit survey on student experiences and learning assessments during their last term prior to graduation. This course is not-for-credit and is taken on a Satisfactory/Unsatisfactory basis.

Course Number	Title	Hours
MGMT 4220	Undergraduate Exit Survey	0

Emphasis Area Requirements

Course Number	Title	Hours
INFSYS 2800	Information Systems Concepts and Applications	3
INFSYS 3830	Data Programming	3
INFSYS 3843	Decision Support Systems for Business Intelligence	3
INFSYS 3845	Database Management Systems	3
INFSYS 3849	Data Warehouse Concepts	3
INFSYS 3860	Data Integration	3
INFSYS 3861	Management of AI Technologies	3
INFSYS 3862	Artificial Intelligence Applications for Business	3
Electives		6
Any 3000-level or above courses from INFSYS or other business subjects		
Total Hours		30

See Ed G. Smith College of Business Advising Office for a list of recommended electives. Course substitutions can be made with the approval of the Department Chair.

Learning Outcomes

Upon completion of the program, graduates will 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)
- Acquire, integrate, and model organizational data to support decision making.
- Design and implement data stores and pipelines using sound analysis, modeling, and data governance practices aligned with business objectives.

- Apply ethical standards, evaluate risks, and communicate technical findings to non-technical stakeholders while collaborating effectively in teams to deliver data-driven IS solutions.

Plan of Study

First Year

Fall	Hours	Spring	Hours
ENGL 1100		3 ACCTNG 2400	3
INFSYS 1800 or 2800		3 BUS AD 1107	3
MATH 1030		3 FGN LANG 2100	3
CORE - American History & Government		3 EXPLORE - Mathematics and Life/ Natural Sciences	3
EXPLORE - Humanities and Fine Arts		3 CORE - Communication Proficiency	3
INTDSC 1003	1		
	16		15

Second Year

Fall	Hours	Spring	Hours
ACCTNG 2410		3 FINANCE 2500	3
BUS AD 2900		3 MGMT 2600	3
ENT 2100		3 MGMT 2612	3
SCMA 2300		3 MKTG 2700	3
EXPLORE - Mathematics and Life/ Natural Sciences		3 SCMA 2301	3
	15		15

Third Year

Fall	Hours	Spring	Hours
ENGL 3120		3 INFSYS 3843	3
INFSYS 3830		3 INFSYS 3845	3
INFSYS Elective		3 Upper Division Business elective	3
Upper Division Business elective		3 INFSYS elective	3
Elective or minor		3 Elective or minor	3
	15		15

Fourth Year

Fall	Hours	Spring	Hours
INFSYS 3849		3 INFSYS 3862 & MGMT 4220	3
INFSYS 3860		3 INFSYS elective	3
INFSYS 3861		3 INFSYS elective	3
Elective or minor		3 INFSYS elective	2
Elective or minor		3 Elective or minor	3
	15		14

Total Hours: 120