

Management Information Systems

The B.S.B.A. in Management Information Systems is an included program in the University's accreditation by AACSB International.

The Bachelor of Science in Business Administration (B.S.B.A.) degree with a major in Management Information Systems (M.I.S.) emphasizes information as a resource to be managed, planned, and controlled in much the same way as other organizational resources. This program of study presents the concepts and methods of analyzing, designing, planning, and managing simple or complex information systems within an organization. In addition, M.I.S. emphasizes the managerial aspects of information systems by providing a base of business instruction common to the College of Business programs.

Program Requirements

In addition to general University requirements, students seeking the B.S.B.A. in Management Information Systems must meet the requirements listed below. A minimum course grade of "C" is required in all College of Business prerequisites and courses.

Students should consult their academic advisor for courses which may satisfy both the General Education requirements and common prerequisites.

General Education

In addition to the General Education requirements listed on this page, students must satisfy all additional University requirements, including the Gordon Rule, multicultural, and foreign language requirements. With appropriate planning and coordination with an academic advisor, students may satisfy some of the general University requirements through the General Education curriculum. For a complete listing of general degree requirements, refer to the "Graduation and General Degree Requirements (<http://catalog.uwf.edu/undergraduate/universityrequirements>)" section of this catalog.

General Education Curriculum:

Communication

ENC 1101	English Composition I	3
ENC 1102	English Composition II	3

Mathematics

Choose one course from Group A and one Additional course from either Group A or Group B

Group A		
MAC 1105	College Algebra	
MAC 2311	Analytic Geometry and Calculus I	
MGF 1106	Mathematics for Liberal Arts I	
MGF 1107	Mathematics for Liberal Arts II	
STA 2023	Elements of Statistics	
Group B		
MAC 1105C	College Algebra with Lab	
MAC 1114	Trigonometry	
MAC 1140	Precalculus Algebra	
MAC 2233	Calculus with Business Applications	

MAC 2312 Analytic Geometry and Calculus II

Social Sciences

Choose one course from Group A and one additional course from either Group A or Group B

Group A		
AMH 2020	United States since 1877	
ANT 2000	Introduction to Anthropology	
ECO 2013	Principles of Economics Macro	
POS 2041	American Politics	
PSY 2012	General Psychology	
SPM 2010	Sport in Global Society	
SYG 2000	Introduction to Sociology	
Group B		
AMH 2010	United States to 1877	
ANT 2400	Current Cultural Issues	
ANT 2100	Introduction to Archaeology	
CCJ 2002	Survey of Crime and Justice	
CPO 2002	Comparative Politics	
DEP 2004	Human Development Across the Lifespan	
EUH 1000	Western Perspectives I	
EUH 1001	Western Perspectives II	
FIN 2104	Personal Financial Planning	
GEA 2000	Nations and Regions of the World	
GEB 1011	Introduction to Business	
IDH 1041	Honors Core 2	
INR 2002	International Politics	
MMC 2000	Principles of Mass Communication	
PLA 2013	Survey of American Law	
SOW 2192	Understanding Relationships in the 21st Century	
SYG 2010	Current Social Problems	

Humanities

Choose one course from Group A and one additional course from either Group A or Group B

Group A		
ARH 1000	Art Appreciation	
LIT 2000	Introduction to Literature	
MUL 2010	Music Appreciation	
PHI 2010	Introduction to Philosophy	
THE 2000	Theatre Appreciation	
Group B		
AML 2010	American Literature I	
AML 2020	American Literature II	
AML 2072	Sex, Money, and Power in American Literature	
ARH 2050	Western Survey I: Prehistory to the Medieval Period	
ARH 2051	Western Survey II: Renaissance to Contemporary	
ART 1015C	Exploring Artistic Vision	
ART 2821	Art and Visual Culture Today	
CRW 2001	Introduction to Creative Writing	

ENL 2010	History of English Literature I
ENL 2020	History of English Literature II
IDH 1040	Honors Core 1
MUH 2930	The Music Experience: Special Topics
PHI 2103	Critical Thinking
PHI 2603	Ethics in Contemporary Society
REL 1300	World Religions
THE 2300	Survey of Dramatic Literature
SPC 2608	Basic Communication Skills

Natural Sciences

Choose one course from Group A and one additional course from either Group A or Group B 6

Group A	
AST 1002	Descriptive Astronomy
BSC 1005	General Biology for Non-Majors
BSC 1085	Anatomy and Physiology I
BSC 2010	Biology I
CHM 1020	Concepts in Chemistry *
CHM 2045	General Chemistry I *
ESC 2000	Introduction to Earth Science
EVR 2001	Introduction to Environmental Science
PHY 1020	Introduction to Concepts in Physics *
PHY 2048	University Physics I **
PHY 2048C	University Physics I - Studio
PHY 2053	General Physics I **
Group B	
ANT 2511	Biological Anthropology
BOT 2010	General Botany
BSC 1050	Fundamentals of Ecology
BSC 1086	Anatomy and Physiology II *
BSC 2011	Biology II
BSC 2311	Introduction to Oceanography and Marine Biology *
CGS 2060	Excursions in Computing
CHM 1032	Fundamentals of General Chemistry *
CHM 2046	General Chemistry II *
CIS 2530	Introduction to Cyber Security
GEO 1200	Physical Geography
GLY 2010	Physical Geology *
MCB 1000	Fundamentals of Microbiology *
PHY 2049	University Physics II **
PHY 2054	General Physics II *

* May be taken with or without lab.
 ** General Physics is non-calculus based and is usually recommended for non-science majors. University Physics is calculus based and is usually recommended for science majors.
 *** Although students receive 5 semester hours credit for PHY 2048C, an additional 3 semester science course will be needed to meet General Education requirements.

General Education Electives

Choose an additional course from two of the three areas of Humanities, Social Sciences and Natural Sciences

Management Information Systems should take the following courses to satisfy components of the General Education curriculum courses:

Humanities		3
SPC 2608	Basic Communication Skills	
Mathematics		6
STA 2023	Elements of Statistics	
MAC 2233	Calculus with Business Applications	
Social Sciences		3
ECO 2013	Principles of Economics Macro	

Common Prerequisites

State mandated common prerequisites must be completed prior to graduation, but are not required for admission to the program. See the Common Prerequisite Manual (<https://dlss.flvc.org/admin-tools/common-prerequisites-manuals>) for course substitutions from Florida colleges and universities.

ACG 2021	Principles of Financial Accounting	3
ACG 2071	Principles of Managerial Accounting	3
CGS 2570	Personal Computer Applications	3
ECO 2013	Principles of Economics Macro *	3
ECO 2023	Principles of Economics Micro	3
MAC 2233	Calculus with Business Applications *	3
STA 2023	Elements of Statistics *	3
Total Hours		21

* Indicates common prerequisites which can be used to satisfy General Education Requirements.

Lower Division Electives

Students must complete sufficient 1000/2000 level electives to complete at least 60 semester hours in the lower division. Current UWF students may use elective courses at any level (1000-4000) to meet this elective requirement.

Total Hours		3-12
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Upper Division

College of Business BSBA Core

All students pursuing a BSBA major in the College of Business must complete each of the following BSBA core courses with a grade of C (2.0) or better.

BUL 3130	Legal Environment of Business	3
FIN 3403	Managerial Finance	3
GEB 3213	Writing for Business: Theory and Practice	3
GEB 3453	Business Ethics and Stakeholder Management	3
GEB 4361	International Business	3
ISM 3011	e-Business Systems Fundamentals	3
MAN 3025	Management Fundamentals	3
MAN 3504	Operations Management	3
MAN 4720	Strategic Management	3
MAR 3023	Marketing Fundamentals	3
Total Hours		30

College of Business Undergraduate Transfer Credit Policy

The College of Business at the University of West Florida is accredited by AACSB International, the highest level of accreditation available to a college or school of business. As such, the College believes that it is in the student's best interest to take all junior/senior level BSBA Core, Major, and Major-related courses at UWF. These courses are typically taught by academically or professionally qualified faculty members as defined in the College's policy on faculty qualifications.

Undergraduate transfer credit for degree programs in the College of Business is awarded consistent with specifications in the UWF Catalog and the requirements of Florida's Common Numbering System.

Normally, the College will not accept transfer credits for courses completed more than 15 years prior to the date of the request for acceptance of the transfer credits.

Normally, the College of Business will not accept transfer credits as equivalent to UWF 3000/4000 level business-related courses from institutions not accredited by AACSB International.

Students should seek guidance from their College of Business academic advisors on these matters.

Management Information Systems Specialization

QMB 3820	Introduction to Quantitative Models for Business Decisions	3
ISM 3235	Business Development Environments ⁺	3
ISM 4113	Business Systems Design ⁺	3
ISM 4114	Business Information Systems Development ⁺	3
ISM 4400	Decision Support and Data Integration Systems ⁺	3
ISM 4483	Business Data Communication ⁺	3
Choose one of the following:		3
ISM 4481	Business Data Management ⁺	
COP 4710	Database Systems ⁺	
Two 3000/4000 advisor-approved Management/MIS (MAN/ISM) courses ⁺		6
Total Hours		27

Major-Related

One 3000/4000 level advisor-approved Management/MIS (MAN/ISM) course or an advisor-approved major-related elective ⁺	3
Total Hours	3

⁺ Courses included in the major GPA

Business Intelligence

The minor in Business Intelligence focuses on analytical as well as managerial skills required to handle "big" data. It requires completion of the following courses with a grade of "C" or higher. At least 9 sh must be completed at UWF College of Business. This minor is not available to those who are pursuing (or have already earned) the Business Intelligence certificate.

ISM 3011	e-Business Systems Fundamentals	3
ISM 4481	Business Data Management	3

ISM 3116	Business Intelligence Fundamentals	3
ISM 4117	Business Intelligence Applications	3
Choose one of the following two courses:		3
QMB 3820	Introduction to Quantitative Models for Business Decisions	
MAN 3550	Introduction to Management Science	
Total Hours		15

Information Security Management

The minor in Information Security Management focuses on various aspects of information and cybersecurity security from a nontechnical managerial standpoint. It requires completion of the following courses with a grade of "C" or higher. At least 9 sh must be completed at UWF College of Business. This minor is not available to those who are pursuing (or have already earned) the Information Security Management certificate.

ISM 3011	e-Business Systems Fundamentals	3
ISM 3323	Information Security Management	3
ISM 4483	Business Data Communication	3
ISM 4320	Legal, Ethical, and Human Aspects of Cybersecurity	3
ISM 4321	Cybersecurity Risk Management	3
Total Hours		15

Management Information Systems

The minor in Management Information Systems requires completion of the following courses with a grade of "C" or higher. At least 9 sh must be completed at UWF College of Business. Management Information Systems majors may not earn this minor.

ISM 3011	e-Business Systems Fundamentals	3
ISM 4113	Business Systems Design	3
Choose one of the following:		3
ISM 4481	Business Data Management	
ISM 4483	Business Data Communication	
Two 3000/4000 advisor-approved MIS (ISM) courses		6
Total Hours		15

e-Business

Distinct from any of the functional areas that support technology and business, the Minor in e-Business is an interdisciplinary, undergraduate program consisting of:

- one foundation course (3 sh)
- four electives (12 sh)

It is intended to provide a solid foundation for those interested in pursuing opportunities in businesses who have already joined the e-Business revolution, as well as in businesses that are attempting to define the appropriate role of e-Business in their organizations. The e-Business Minor is open to all students who meet the requirements to enroll in the first course in the e-Business Minor sequence. All courses must be completed with a grade of "C" or better. Students should choose electives carefully as some may have prerequisites.

ISM 3011	e-Business Systems Fundamentals	3
Choose four of the following		12
COP 2253	Programming Using Java	
COP 3813	Server-Side Programming	

ISM 4113	Business Systems Design	
ISM 4114	Business Information Systems Development	
ISM 4481	Business Data Management	
ISM 4483	Business Data Communication	
MAR 4721	Digital Marketing	
MAR 4728	High Tech Product Marketing Strategy	
Total Hours		15

Business Intelligence Certificate

The Business Intelligence Certificate program has been designed to cover the managerial aspects of business intelligence related skills that are required to handle "big" data in the modern business world. The certificate requires completion of the following courses with a grade of "C" or higher. At least 9 sh must be completed at UWF College of Business. All prerequisites must be met in order to enroll in these courses. Participants must secure a combined grade point average of 2.5 or higher for the course required by the certificate. Business Intelligence minors may not earn this certificate.

ISM 3011	e-Business Systems Fundamentals	3
ISM 3116	Business Intelligence Fundamentals	3
ISM 4481	Business Data Management	3
Choose one of the following two courses:		3
QMB 3820	Introduction to Quantitative Models for Business Decisions	
MAN 3550	Introduction to Management Science	
Total Hours		12

Information Security Management Certificate

This certificate program is designed to address the non-technical aspects of information security. These include policy development and management, compliance management, security education training and awareness (SETA) programs, and the use of encryption technologies. The program will also address the personnel and risk analysis aspects of information security. Participants must successfully complete the following courses earning a grade of "C" (2.0) or better in each course, and secure a combined grade point average of 2.5 or higher for the course required by the certificate. At least 9 sh must be completed at UWF College of Business. All prerequisites must be met in order to enroll in these courses. Information Security Management minors may not earn this certificate.

ISM 3011	e-Business Systems Fundamentals	3
ISM 3323	Information Security Management	3
ISM 4483	Business Data Communication	3
ISM 4320	Legal, Ethical, and Human Aspects of Cybersecurity	3
Total Hours		12