

MANAGEMENT INFORMATION SYSTEMS - BBA

This program addresses the impact of computer-based information systems in a variety of organizational settings.

The Department of Information and Operations Management offers a Bachelor of Business Administration (BBA) degree in Management Information Systems (MISY). The degree program produces graduates who are both business analysts (i.e., professionals who understand accounting, marketing, finance, etc.) and information system specialists (i.e., professionals who can implement information systems strategies).

Graduates of the program possess the business, technical, and leadership skills to meet the challenges presented by rapidly evolving information technology and the need to effectively incorporate this technology into business strategy and day-to-day operations.

For more information, visit the BBA Management Information Systems (<https://mays.tamu.edu/undergraduate/bba/management-information-systems/>) website.

Upper-Level Entry Requirements

Admission to the upper-level major of MISY requires satisfactory completion of specific coursework. To review requirements and application procedures see Upper-Level Entry Requirements and Application Procedures (<https://catalog.tamu.edu/undergraduate/business/>).

Program Requirements

Lower-Level Business Program (BUAD)

First Year

Fall		Semester Credit Hours
BUSN 101	Freshman Business Initiative ¹	3
MATH 140	Mathematics for Business and Social Sciences ²	3
American history (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history) ³		3
Life and physical sciences (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences)		3
Communication (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication)		3
Semester Credit Hours		15
Spring		Semester Credit Hours
ECON 202	Principles of Economics	3
MATH 142	Business Calculus ⁴	3
American history (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history) ³		3

Life and physical sciences (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences)	3
Social and behavioral sciences (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences)	3

Semester Credit Hours 15

Second Year

Fall

ACCT 229	Introductory Accounting	3
ECON 203	Principles of Economics	3
ISTM 210	Fundamentals of Information Systems	3
POLS 206	American National Government ³	3
Communication (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication) ¹		3

Semester Credit Hours 15

Spring

ACCT 230	Introductory Accounting	3
BUSN 203	Statistical Methods for Business ⁵	3
Creative arts (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts) ¹		3
Language, philosophy and culture (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture)		3
Life and physical sciences (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences)		3

Semester Credit Hours 15

Total Semester Credit Hours 60

¹ Refer to the specific major notes below for variations from the Business (lower level) requirements.

² MATH 148, MATH 152, MATH 168 and MATH 172 will be accepted in lieu of MATH 140.

³ For those students under ROTC contract, see Requirement 7 of the "Requirements for a Baccalaureate Degree." (<https://catalog.tamu.edu/undergraduate/general-information/degree-information/>)

⁴ MATH 147, MATH 151 and MATH 171 will be accepted in lieu of MATH 142.

⁵ STAT 211 will be accepted in lieu of BUSN 203.

Management Information Systems: Students intending to major in Management Information Systems must add ISTM 250 Business Programming Logic and Design (3 credits) to second year fall curriculum in Business (lower level). The communication elective can be taken during the third year fall.

Business Honors: Students admitted to Business Honors take BUSN 125 Business Learning Community I (3 credits) in place of BUSN 101 in the first year fall curriculum and must add BUSN 225 Business Competency (3 credits) to the second year spring curriculum in Business (lower level). The creative arts elective can be taken during the third year fall.

Finance: Students intending to major in Finance must add FINC 210 to freshman year curriculum in Business (lower-level). The general elective taken in the fourth year can be reduced by 1 credit.

Upper-Level Management Information Systems Program

Third Year

Fall		Semester Credit Hours
ISTM 281	Professional Development Information Systems Seminar ¹	1
ISTM 310	Network Communications and Infrastructure	3
ISTM 320	Business Systems Analysis and Design	3
MGMT 311	Legal and Social Environment of Business	3
SCMT 364	Operations Management	3
Communication ²		3
Semester Credit Hours		16

Spring

ISTM 315	Database Programming	3
ISTM 410	Management of Information Systems ³	3
ISTM 481	Information Systems Seminar ¹	1
MKTG 321	Marketing ³	3
POLS 207	State and Local Government ⁴	3
International elective ⁵		3
Semester Credit Hours		16

Fourth Year

Fall		
FINC 341	Business Finance	3
ISTM 415	Information Systems Capstone Project	3
ISTM 481	Information Systems Seminar ¹	1
MGMT 363	Managing People in Organizations	3
MISY Directed elective ⁶		3
General elective ⁷		3
Semester Credit Hours		16

Spring

MGMT 466	Strategic Management	3
International elective ⁵		3
MISY Directed elective ⁶		3
General elective ⁷		3
Semester Credit Hours		12
Total Semester Credit Hours		60

¹ Students must take three semesters of ISTM 281 or ISTM 481 for a total of three credits.

² Refer to major specific paragraph on the Lower-Level Business Program (BUAD). Select from any courses with the Core Communication (KCOM) attribute.

³ This course is an approved writing-designated (W) or oral communication (C) business course. See your academic advisor for additional information.

⁴ For those students under ROTC contract, see Requirement 7 of the 'Requirements for a Baccalaureate Degree (<https://catalog.tamu.edu/undergraduate/general-information/degree-information/>).'

⁵ A complete list of approved courses is available in the Undergraduate Advising Office. Three of the six required hours simultaneously fulfill the university's International and Cultural Diversity Graduation requirement.

⁶ Select in consultation with a management information systems (MISY) academic advisor. A list of acceptable courses is available in the department academic advising office.

⁷ Elective courses are open to any course offered for university credit, except ACCT 209, ACCT 210, FINC 409, IBUS 301, ISTM 209, MGMT 209, MGMT 309, MKTG 409, SCMT 309. Additional restrictions may apply; see academic advisor for information. May be taken on a satisfactory/unsatisfactory basis.

Total Program Hours 120