MANAGEMENT INFORMATION SYSTEMS B.S.

Bachelor of Science - Management Information Systems

School of Business Admin

Degree Specific Credits: 76

Required Cumulative GPA: 2.0

Catalog Year: 2017-2018

Note: At least 54 credits must be earned in Business classes (ECNS, SoBA internship courses and SoBA faculty-led study abroad course may be counted in OR out of Business). A minimum GPA of 2.0 is required for these courses.

At least 60 credits must be earned outside of SoBA (excluding HHP/ACT activities courses).

At least 27 credits in business AND BMIS 476 must be taken at UM.

All business credits transferred in after matriculating to UM must be pre-approved by the department chair in your major.

General Education Requirements

Information regarding these requirements can be found in the General Education Section (http://catalog.umt.edu/academics/general-education-requirements) of the catalog.

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SoBA Social Science Requirement	3
SoBA Ethical & Human Values Requirement	3
Total Hours	91-98

SoBA - Primary Lower Core Courses

Rule: All courses are required

Note: All primary lower core courses must be completed with a C- or better and a 2.0 GPA must be earned in the seven (7) listed course prior to admission into an upper-division Business Major.

A math course and a statistics course are also required in the primary lower core. See Math Requirements and Symbolic Systems Requirements below.

- Math 3-4 Credits
- Symbolic Systems 3-4 Credits

ACTG 201	Principles of Financial Accounting	3
ACTG 202	Principles of Managerial Accounting	3
BMIS 270	MIS Foundations for Business	3
ECNS 201S	Principles of Microeconomics	3
WRIT 101	College Writing I	3
Total Hours		15

Minimum Required Grade: C-

SoBA Math Requirement

Rule: Students choose one course from the list below to fulfill their Math Requirement

Note: SoBA requires that credit be earned for one of the math courses below (with a C- or better) before enrolling in ACTG 202.

A student's result on the ALEKS Math Placement Exam does not waive this requirement.

Select one of the following:		3-4
M 115	Probability and Linear Mathematics	
M 121	College Algebra	
M 151	Precalculus	
M 162	Applied Calculus	
Total Hours		3-4

Minimum Required Grade: C-

SoBA – Secondary Lower Core Courses

Rule: All courses are required

Note: All courses must be completed with a C- or better to satisfy prerequisites for certain major, upper major core, or capstone courses.

Students are advised to complete these courses prior to being admitted to an upper-division Business Major. Prerequisites are strictly enforced.

BGEN 220E	Business Ethics and Social Responsibility	3
COMX 111A	Intro to Public Speaking	3
CSCI 172	Intro to Computer Modeling	3
ECNS 202S	Principles of Macroeconomics	3
Total Hours		12

Minimum Required Grade: C-

SoBA - Upper Major Core

Rule: All courses are required

Note: All upper major core courses must be completed before the capstone can be taken.

A student must be listed as a major in business to take these courses. Major or minor in business is defined as junior standing with all primary lower core courses completed, a 2.0 cumulative GPA, and formally admitted to the major or minor.

BFIN 322	Business Finance	3
BGEN 361	Principles of Business Law	3
BMGT 322	Operations Management	3
BMGT 340	Mgmt & Organization Behavior	3
BMKT 325	Principles of Marketing	3
Total Hours		15

Minimum Required Grade: C-

Management Information Systems - Requirements

Rule: All courses are required

Note: BMIS 365, BMIS 370, and BMIS 476 must be taken at UM.

3 credits of BMIS 498 are required to graduate.

BMIS 326	Introduction to Data Analytics	3
BMIS 365	Business App Development	3
BMIS 372	Information Infrastructures	3
BMIS 373	Business System Analy & Design	3
BMIS 476	Integrated Project Mgmt for IS	3
BMIS 498	Internship	1-6
Total Hours		16-21

Minimum Required Grade: C-

Management Information Systems - Electives

Rule: Take 6 credits from the list below.

Note: Students taking ACTG 321 for an elective must also take the ACTG 203 co requisite course.

Select 6 credits from the following:		6
ACTG 321	Acct Information Systems I	
BMIS 370	Managing Information and Data	
BMIS 391	Special Topics	
BMIS 465	Introduction to Real-time Data Analytics	
BMIS 471	Fund of Network & Security Management	
BMIS 472	Advanced Network & Security Management	
BMIS 478	E Commerce a Managerl Prspctv	
BMIS 479	Introduction to Consulting	
BMIS 482	Big Data Project	
BMIS 491	Special Topics	
BMIS 492	Independent Study	
BMKT 460	Mktg Hi-Tech Prod & Innov	
CSCI 135	Fund of Computer Science I	
CSCI 136	Fund of Computer Science II	
CSCI 448	Pattern Recognition	
CSCI 464	Applications of Mining Big Data	
M 461	Practical Big Data Analytics	

STAT 451	Statistical Methods I	
Total Hours		6

Minimum Required Grade: C-

SoBA - Capstone Courses

Rule: All courses are required

Note: Students must complete all lower and upper core courses and their prerequisites and have an approved graduation application to register for their capstones.

Students must pass the required comprehensive exam as well as all requisite coursework to earn a passing grade in BGEN 499.

BGEN 499 must be taken at UM.

BGEN 499	Strategic Management	3
Total Hours		3

Minimum Required Grade: C-

SoBA Upper-Division Writing Requirement

Rule: All courses are required

BGEN 499	Strategic Management	3
Total Hours		3

Minimum Required Grade: C-

SoBA Symbolic Systems Requirement

Rule: Students complete STAT 216 (preferred) or one other course from the list below to fulfill the Symbolic Systems Requirement.

Note: This is a primary lower core course. SoBA requires that credit be earned for STAT 216 (preferred) or one of the other statistics courses below (with a C- or better) prior to being admitted into an upper-division SoBA major.

Select one of the following:		3-4
FORS 201	Forest Biometrics	
PSYX 222	Psychological Statistics	
SOCI 202	Social Statistics	
STAT 216	Introduction to Statistics (preferred)	
Total Hours		3-4

Minimum Required Grade: C-

SoBA Expressive Arts Requirement

Rule: All courses are required

Note: Students must complete this course with a C- or better prior to taking the capstones, though earlier completion is strongly encouraged.

COMX 111A	Intro to Public Speaking	3
Total Hours		3

Minimum Required Grade: C-

SoBA Social Science Requirement

Rule: All courses are required

Note: This is a primary lower core course and must be completed with a C- or better prior to a student being admitted into an upper-division SoBA major.

ECNS 201S	Principles of Microeconomics	3
Total Hours		3

Minimum Required Grade: C-

SoBA Ethical & Human Values Requirement

Rule: All courses are required

Note: Students must complete this course with a C- or better prior to taking the capstones, though earlier completion is strongly encouraged.

BGEN 220E	Business Ethics and Social Responsibility	3
Total Hours		3

Minimum Required Grade: C-