

Management Information Systems – Bachelor of Science

Requirements Worksheet

Student Name _____

WID _____

BAPP Requirements:			54 hrs
Communication Core Courses:			11 hrs
ENGL 100	Expository Writing 1		3
ENGL 200	Expository Writing 2 (prereq: ENGL 100, 30 hrs)		3
COMM 105	Public Speaking 1A		2
ENGL 417	Written Comm. for the Workplace (prereq: ENGL 200, 60 hrs)		3
Quantitative Core Courses:			18 hrs
MATH 100	College Algebra (prereq: Placement Test)		3
MATH 205	General Calculus and Linear Algebra		3
STAT 350	Business Economics Statistics I		3
STAT 351	Business Economics Statistics II		3
ECON 110	Principles of Macroeconomics		3
ECON 120	Principles of Microeconomics		3
K-State 8 Non- Business Courses:			16 hrs
	Aesthetic Experience and Interpretive Understanding		3
	Global Issues and Perspectives		3
	Human Diversity within the U.S		3
	Natural and Physical Science (with Lab)		4
	Historical Perspectives		3
Thematic Sequence: See Business Advisor			9 hrs
Business Core Requirements: (must earn 2.5 cumulative GPA)			30 hrs
GENBA 101	Business Orientation		0
GENBA 110	Business Foundations		3
GENBA 166	Business Information Technology Skill Proficiency		0
ACCTG 231	Accounting for Business Operations (prereq: Math 100 & GENBA 110 or Sophomore Standing)		3
ACCTG 241	Accounting for Investing and Financing (prereq: ACCTG 231)		3
FINAN 450	Principles of Finance (prereq: ACCTG 231, ECON 120, & STATS 350)		3
MKTG 400	Introduction to Marketing (prereq: ECON 110 or 120)		3
MANGT 366 or MIS 366	Information Technology for Business (prereq: GENBA 166)		3
MANGT 420	Management Concepts		3
MANGT 421	Introduction to Operation Management (prereq: STAT 350)		3
MANGT 595	Business Strategy (prereq: FINAN 450, MANGT 420, MKTG 400 & 90 credits, CBA Majors ONLY)		3
MANGT 596	Business Ethics Corporate Citizenship (prereq: FINAN 450, MANGT 420, MKTG 400 & 90 credits, CBA Majors ONLY)		3

Management Information Systems Major Courses:			42 hrs
Major Field Requirements:			27 hrs
MANGT 520	Organizational Behavior (prereq: MANGT 420)		3
MIS 411	Business Programming Applications I (prereq: MANGT 366/MIS 366 or Concurrently)		3
MIS 422	Business Database Systems (prereq: MANGT 366/MIS 366)		3
MIS 433	ERP Project Planning & Implementation (prereq: MIS 411 and MIS 422)		3
MIS 444	Digital Business Networks (prereq: MIS 411 or equivalent)		3
MIS 555	Business Programming Applications II (prereq: MIS 411 and either MIS 422 or MIS 667)		3
MIS 566	Systems Analysis & Design (prereq: MIS 433)		3
MIS 677	Senior MIS Project (prereq: MIS 555 and either MIS 566 or MIS 667)		3
MIS 665	Business Analytics & Data Mining (prereq: MANGT 366, MIS 366, or equivalent)		3
Unrestricted Electives: (any course offered by the University 100 level or above)			15 hrs

GPA Requirements to Enter Management Information Systems Major

1. Completed minimum 45 credit hours
2. Minimum 2.5 K-State cumulative GPA.
3. Application to be submitted Spring semester prior to start of program

Note: Transfer GPA will not be considered in determining eligibility to enter a major. Only the K-State GPA is applicable. However, ALL hours (K-State and any transfer hours) are included in the 45 hours.

Graduation Checklist

- ___ Minimum 126 credits hours
- ___ Cumulative GPA of 2.5 in Business Core classes
- ___ 63 of 126 hrs @ 4-year University
- ___ 30 of 126 hrs @ K-State
- ___ 20 of last 30 hrs @ K-State
- ___ Under 100-level courses do not apply
- ___ Deduct repeat courses in current semester

Notes:

Major Requirements in Management Information Systems

Requirements for Business Administration Pre-Professions Program (BAPP)

54 credit hours

Communication Courses (11 credit hours): http://cba.k-state.edu/students/current/curriculum/index.html				
<u>Course Number</u>	<u>Course Title</u>	<u>Prerequisites</u>	<u>Credit hours</u>	<u>Grade</u>
<input type="checkbox"/> COMM 105	Public Speaking IA		2	
<i>Note: Automatic course substitution for COMM 105 is COMM 106</i>				
<input type="checkbox"/> ENGL 100	Expository Writing I		3	
<input type="checkbox"/> ENGL 200	Expository Writing II	Pr.: ENGL 100, 30 credit hours	3	
<input type="checkbox"/> ENGL 417	Written Comm. for the Workplace	Pr.: ENGL 200, 60 credit hours	3	
Quantitative Courses (18 credit hours):				
<input type="checkbox"/> MATH 100	College Algebra	Pr.: see http://cba.k-state.edu/mathpolicy	3	
<input type="checkbox"/> MATH 205	General Calculus & Linear Algebra	Pr.: MATH 100 or placement test	3	
<i>Note: Automatic course substitution for MATH 205 is MATH 220.</i>				
<input type="checkbox"/> STAT 350	Bus. & Econ. Stat I	Pr.: MATH 100	3	
<i>Note: Automatic course substitution for STAT 350 is STAT 325, STAT 340, or STAT 510.</i>				
<input type="checkbox"/> STAT 351	Bus. & Econ. Stat II	Pr.: STAT 350	3	
<input type="checkbox"/> ECON 110	Prin. of Macroeconomics		3	
<input type="checkbox"/> ECON 120	Prin. of Microeconomics		3	
<i>Note: Automatic course substitution for ECON 120 is AGECE 120.</i>				
Non-Business Courses (16 credit hours): <i>fulfills 5 of the K-State 8 requirements</i>				
Note: Select one course from each category. Remaining 3 K-State 8 requirements will be met through other general and business core requirements. Use K-State 8 for Business Students worksheet at http://cba.k-state.edu/students/current/curriculum/index.html				
<input type="checkbox"/>		<i>Aesthetic Experience and Interpretive Understanding</i>	3	
<input type="checkbox"/>		<i>Global Issues and Perspectives</i>	3	
<input type="checkbox"/>		<i>Human Diversity within the U.S.</i>	3	
<input type="checkbox"/>		<i>Natural and Physical Sciences with lab</i>	4	
<input type="checkbox"/>		<i>Historical Perspectives</i>	3	
Thematic Sequence (9 credit hours): http://cba.k-state.edu/students/current/curriculum/index.html				
This requirement can be met in several ways:				
<ol style="list-style-type: none"> 1. Completion of related courses from an academic department exclusive of the CBA * Six-credit hours must be 300-level or higher; or three-credit hours at 300-level or higher and one course requiring a prerequisite also used within the sequence. 2. Completion of a major or secondary major outside of the College of Business Administration. 3. Completion of a minor outside of the College of Business Administration, with at least 9 hours of non-business courses that are not a part of the requirements of the student's major. 4. Completion of a Certificate outside of the College of Business Administration or Certificate in International Business. 				
<input type="checkbox"/>			3	
<input type="checkbox"/>			3	
<input type="checkbox"/>			3	

Requirements for Business Core

30 credit hours

Business Core Courses (30 credit hours): <http://cba.k-state.edu/students/current/curriculum/index.html>

Note: A 2.5 GPA must be earned in all Business Core courses in order to graduate.

<u>Course Number</u>	<u>Course Title</u>	<u>Prerequisites</u>	<u>Credit hours</u>	<u>Grade</u>
<input type="checkbox"/> GENBA 101	Business Orientation	Pr.: None	0	
<input type="checkbox"/> GENBA 110	Business Foundations	Pr.: None	3	
<input type="checkbox"/> GENBA 166	Business Information Technology Skills Proficiency	Pr.: None	0	
<input type="checkbox"/> ACCTG 231	Accounting for Business Operations	Pr.: MATH 100 and GENBA 110 or sophomore standing	3	
<input type="checkbox"/> ACCTG 241	Accounting for Investing/Financing	Pr.: ACCTG 231	3	
<input type="checkbox"/> FINAN 450	Principles of Finance	Pr.: ACCTG 231, ECON 120, and STAT 350	3	
<input type="checkbox"/> MKTG 400	Intro to Marketing	Pr.: ECON 110 or 120	3	
<input type="checkbox"/> MANGT 366 or MIS 366	Info. Technology for Business	Pr.: GENBA 166	3	
<input type="checkbox"/> MANGT 420	Management Concepts	Pr.: None	3	
<input type="checkbox"/> MANGT 421	Intro to Operations Management	Pr.: MATH 205 and STAT 350	3	
<input type="checkbox"/> MANGT 595	Business Strategy	Pr.: FINAN 450, MANGT 420, MKTG 400, and 90 credit hours (CBA majors only)	3	
<input type="checkbox"/> MANGT 596	Business Ethics & Corp. Citizenship	Pr.: FINAN 450, MANGT 420, MKTG 400, and 90 credit hours (CBA majors only)	3	

Major Field Requirements for Management Information Systems (MIS) Major

42 Credit Hours

Admission into MIS Major by Application: Contact Academic Advisor for Further Information

Major Field Requirements (27 credit hours):

Course typically offered: (F) = Fall, (S) = Spring, (F,S) = Fall and Spring, (F or S) = Fall or Spring, (D) = Sufficient Demand

<input type="checkbox"/> MANGT 520	Organizational Behavior	F, S	Pr.: MANGT 420	3	
<input type="checkbox"/> MIS 411	Bus Programming App I	F	Pr.: Mangt 366/MIS 366 or Concurrently	3	
<input type="checkbox"/> MIS 422	Business Database Systems	F	Pr.: MANGT 366/MIS 366	3	
<input type="checkbox"/> MIS 433	ERP Project Planning and Implementation	S	Pr.: MIS 411/MIS 422	3	
<input type="checkbox"/> MIS 444	Digital Bus Networks	S	Pr.: MIS 411 or equivalent	3	
<input type="checkbox"/> MIS 555	Bus Programming App II	F	Pr.: MIS 411 and either MIS 422 or MIS 667	3	
<input type="checkbox"/> MIS 566	Systems Analysis & Design	F	Pr.: MIS 433	3	
<input type="checkbox"/> MIS 677	Senior MIS Project	S	Pr.: MIS 555 and either MIS 566 or MIS 667	3	
<input type="checkbox"/> MIS 665	Bus. Analytics/Data Mining	F, S	Pr.: MANGT 366, MIS 366, or equivalent	3	

Unrestricted Electives (15 credit hours):

<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					

Note: An unrestricted elective may be any course numbered 100 or above offered for credit by a University department.

Sample Semester Sequence for MANAGEMENT INFORMATION SYSTEMS

Semester 1		
MATH 100	College Algebra	3
ECON 110	Macroeconomics	3
GENBA 101	Business Orientation	0
GENBA 110	Business Foundations	3
ENGL 100	Expository Writing I	3
K-STATE 8	Aesthetic Experience and Interpretive Understanding*	3
		15

Semester 2		
MATH 205	General Calculus and Linear Algebra	3
ECON 120	Microeconomics	3
MANGT 420	Management Concepts	3
COMM 105	Public Speaking IA	2
K-STATE 8	Natural and Physical Sciences w/ lab*	4
GENBA 166	Business Information Technology Skills Proficiency	0
		15

Semester 3		
STAT 350	Business and Economic Statistics I	3
ACCTG 231	Accounting for Business Operations	3
MKTG 400	Introduction to Marketing	3
MANGT 366	Information Technology for Business	3
K-STATE 8	Global Issues and Perspectives*	3
		15

Semester 4		
STAT 351	Business and Economic Statistics II	3
ACCTG 241	Accounting for Investing and Financing	3
MANGT 421	Introduction to Operations Management	3
ENGL 200	Expository Writing II	3
K-STATE 8	Human Diversity within the U.S.*	3
	*Apply for MIS Major	15

Semester 5		
MIS 411	Bus Program Applications 1	3
MIS 422	Bus Database Systems	3
FINAN 450	Principles of Finance	3
K-STATE 8	Historical Perspectives*	3
ELECTIVE	Unrestricted Elective**	3
		15

Semester 6		
MIS 433	ERP Project Planning	3
MIS 444	Digital Business Network	3
MANGT 520	Organizational Behavior	3
ENGL 417	Written Communication for the Workplace	3
THEM SEQ	Thematic Sequence #1*	3
ELECTIVE	Unrestricted Elective**	3
		18

Semester 7		
MANGT 596	Business, Ethics and Corporate Citizenship Capstone	3
MIS 555	Bus Program Applications 2	3
MIS 566	System Analysis Design	3
THEM SEQ	Thematic Sequence #2*	3
ELECTIVE	Unrestricted Elective**	3
ELECTIVE	Unrestricted Elective**	3
		18

Semester 8		
MANGT 595	Business Strategy Capstone	3
MIS 677	Senior MIS Project	3
MIS 665	Business Analytics/Data Mining	3
THEM SEQ	Thematic Sequence #3*	3
ELECTIVE	Unrestricted Elective**	3
		15

*Must be taken outside the College of Business Administration

**Any course offered by the university 100-level or above.

Total credit hours 126

Note: Students generally will take 15 credit hours per semester (not 18). Students can elect to take a summer course(s) to stay on track for 4-year graduation plan.

Application Requirement:

Application for Admission into the Management Information Systems (MIS) major will be in the Semester before expected start of MIS courses to progress through MIS major.

*Acceptance into the MIS Major primarily is contingent on: 1) completing MIS 366 or MANGT 316 prior to the Fall semester entering the MIS Program; 2) Completion of 45 credits; and, 3) minimum 2.6 P.A. Other factors will be considered to ensure the creation of a diverse and savvy cohort.

Tips for Academic Planning and Enrollment

- ◁ Complete GENBA 110 and 166 within your first year
- ◁ Complete MATH 205 before your second year
- ◁ Make sure you complete at least one quantitative course (ACCTG, ECON, STAT, MATH) every semester
- ◁ Make sure you monitor your grades and consult with your Academic Advisor about retakes as needed
- ◁ Balance your course load with a mix of different courses
- ◁ Use the course catalog online to look up course descriptions
- ◁ Use DARS to verify and track progress towards graduation
- ◁ Take classes towards your intended major as early as possible
- ◁ Utilize resources on CBA website:
 - Student Success Guide
 - Student Curriculum Worksheets
 - Electives/K-State 8
 - Thematic Sequence