

## SUGGESTED THREE-YEAR GRADUATION PLAN



### Computer Information Systems – Bachelor of Business Administration

[BU-BBA-CIS]

College of Business Administration

Department of Management and Information Systems

Catalog Year: 2013-2014

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designated as critical (in boldface and shaded areas) must be completed in the semester listed to ensure a timely graduation.

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
<b>Post-Secondary Coursework or Credit By Examination Upon Entry as a Freshman: [30 Credit Hours]</b>					
ECON 22060 Principles of Microeconomics	3				Fulfills Kent Core Social Sciences
MATH 11010 Algebra for Calculus	3		C		Fulfills Kent Core Mathematics and Critical Reasoning
Kent Core Composition	6		C		A grade of C is required in ENG 21011.
Kent Core Humanities and Fine Arts	9				
Kent Core Social Sciences	3				See list of Kent Core courses that can be earned through AP, CLEP or CBE exams on page 4
Kent Core Basic Sciences	3				
General Electives (lower or upper division)	3				See note 2 on page 2
<b>Semester One: [16 Credit Hours]</b>					
<b>MIS 24053 Introduction to Computer Applications</b>	<b>3</b>		<b>C</b>		
BUS 10123 Exploring Business	3				See note 4 on page 3
COMM 15000 Introduction to Human Communication	3		C		Fulfills Kent Core Additional
ECON 22061 Principles of Macroeconomics	3				Fulfills Kent Core Additional
US 10097 Destination Kent State: First Year Experience	1				Not required for transfer students with 25 credits
Kent Core Basic Sciences with a laboratory	3				See Kent Core Summary on page 2
<b>Semester Two: [15-17 Credit Hours]</b>					
<b>Required: minimum cumulative 2.500 GPA by the end of this semester</b>					
<b>MATH 11012 Intuitive Calculus or MATH 12002 Analytic Geometry and Calculus I</b>	<b>3-5</b>				<b>Fulfills Kent Core Additional</b>
<b>MIS 24065 Web Programming</b>	<b>3</b>		<b>C</b>	■	
ACCT 23020 Introduction to Financial Accounting	3				
MIS 24163 Principles of Management	3				
MKTG 25010 Principles of Marketing	3				
<b>Semester Three: [15 Credit Hours]</b>					
<b>Required for progression in the major: Minimum 2.500 cumulative GPA, minimum C (2.000) grade in COMM 15000, ENG 21011, MATH 11010; and a minimum C (2.000) in each MIS 24053 and MIS 24065.</b>					
<b>MIS 34068 Systems Analysis and Design</b>	<b>3</b>	■		■	
ACCT 23021 Introduction to Managerial Accounting	3				
FIN 26074 Legal Environment of Business	3				
MIS 24056 Fundamentals of Business Statistics	3				See note 5 on page 3
MIS Electives (upper division)	3	■		■	See note 1 on page 2
<b>Semester Four: [15 Credit Hours]</b>					
<b>Required: minimum cumulative 2.500 GPA</b>					
BUS 30123 Professional Business Practices	3	■			See note 6 on page 3
MIS 34060 Operations Management	3	■			
MIS 44043 Data Base Management Systems	3	■		■	
MIS Elective (upper division)	6	■		■	See note 1 below

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#### Critical requirements are boldface in shaded areas

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<b>Semester Five: [15 Credit Hours]</b>					
<b>Required: minimum cumulative 2.500 GPA</b>					
FIN 36053 Business Finance	3	■			
MIS 44007 Project Management and Team Dynamics	3	■		■	
MIS 44048 Software Integration	3	■	C	■	Fulfills writing-intensive course requirement; fulfills experiential learning requirement
General Electives (lower or upper division)	6				Should fulfill diversity requirement if not satisfied earlier; see note 2 below
<b>Semester Six: [15 Credit Hours]</b>					
<b>Required: minimum cumulative 2.500 GPA and completion of The Assurance of Learning Assessment given in MIS 44285</b>					
<b>MIS 34070 Programming Theory and Applications</b>	<b>3</b>	■		■	
MIS 44285 Integrated Business Policy and Strategy	3	■			
MIS 44292 Business Experience and Internship	3	■		■	See note 3 below; fulfills experiential learning requirement
General Electives (lower or upper division)	6				Number of credits required depends on meeting minimum 121 credit hours and minimum 39 upper-division hours

#### Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Global / Domestic Diversity Course	Writing-Intensive	Experiential Learning	Minimum Major GPA	Minimum Overall GPA
121	39	36	Kent Core or General Electives	MIS 44048	MIS 44048 or MIS 44292	2.500	2.500

#### Kent Core Summary

Kent Core Categories	Important Notes	Remaining Credit Hours
<b>Composition (6-8 credit hours)</b> <i>ENG 11002, 11011, 21011; HONR 10197, 10297</i>	Enrollment based on placement test; a grade of C is required in ENG 21011.	6-8
<b>Mathematics and Critical Reasoning (3-5 credit hours)</b>	Fulfilled in this major with MATH 11010.	0
<b>Humanities and Fine Arts (9 credit hours)</b> <i>Minimum one course from humanities in Arts and Sciences and minimum one course from fine arts</i>	May fulfill diversity requirement	9
<b>Social Sciences (6 credit hours)</b> <i>Must be selected from two curricular areas</i>	3 credits are fulfilled in this major with ECON 22060; May fulfill diversity requirement	3
<b>Basic Sciences (6-7 credit hours)</b> <i>Must include one laboratory</i>		6-7
<b>Additional (6 credit hours)</b>	Fulfilled in this major with ECON 22061 and COMM 15000 or either MATH 11012 or 12002.	0

#### Note 1: MIS electives (9 credit hours), choose from the following:

MIS 34036 Enterprise Systems	3	MIS 44049 Network Management and Systems Administration	3
MIS 44033 Advanced Computer Programming for Business	3	MIS 44295 Special Topics in Information Systems	3
MIS 44042 Network Theory and Applications	3	MIS 44293 Workshop in Professional IS Certification	3
MIS 44045 Information Systems Management	3		

**Note 2:** Students may take or use any course at any level as long as the minimum 39-hour requirement for upper-division courses is satisfied for graduation with a B.B.A. Exceptions: Maximum 4 credit hours of physical education activity (PEB) courses and maximum 4 credit hours for courses in applied music and music ensembles (MUS courses with a second digit of 5, 6 or 7) combined may be counted toward the 121-total hour or 39-upper-division-hour graduation requirement. A minor (business or non-business) is encouraged. There is no limit on other music coursework. Any other exceptions must be approved by the assistant dean.

**Note 3:** Substitutions will be considered by the MIS department chair on a case-by-case basis.

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- Note 4:** A student changing to the College of Business Administration or transferring may be waived out of BUS 10123 Exploring Business if:
- 30 or more hours have been earned **and** any two classes (from ACCT 23020, ACCT 23021, FIN 26074, MIS 24163, MKTG 25010 or MIS 24053) have successfully been completed.
  - 60 or more hours have been earned **and** the student has completed one course from (ACCT 23020, ACCT 23021, FIN 26074, MIS 24163, MKTG 25010 or MIS 24053)
  - At the discretion of the Dean's Office, the student has sufficient breadth and depth of knowledge in a business field (as demonstrated by a CLEP exam or Credit by Exam) but does not meet the requirements listed above.
- Note 5:** Students who have taken MATH 10041 for another program may use it as a substitute for MIS 24056
- Note 6:** Students who have transferred ENG 30063 from another institution may use it as a substitute for BUS 30123.

## Kent Core Courses That Can Be Earned Through Exams

**LEGEND:** G – Global Diversity; D – Domestic Diversity; LAB – Laboratory

				Minimum AP score	Minimum CLEP score	Minimum CBE score
<b>COMPOSITION</b>						
ENG	11011	College Writing I (3)		3	50	C
ENG	21011	College Writing II (3)				C
<b>MATHEMATICS AND CRITICAL REASONING</b>						
CS	10051	Introduction to Computer Science (4)		3		
MATH	11010	Algebra for Calculus (3)			50	
MATH	11012	Intuitive Calculus (3)				C
MATH	12001	Algebra and Trigonometry (5)			50	C
MATH	12002	Analytic Geometry and Calculus I (5)		3	50	C
MATH	14001	Basic Mathematical Concepts I (4)				C
MATH	14002	Basic Mathematical Concepts II (4)				C
<b>HUMANITIES AND FINE ARTS</b>						
<b>Humanities in Arts and Sciences</b>						
ENG	22073	Major Modern Writers: British and United States (3)		3	50	
G HIST	11050	World History: Ancient and Medieval (3)		3		C
G HIST	11051	World History: Modern (3)		3		C
D HIST	12070	History of the United States: The Formative Period (3)		3	50	C
D HIST	12071	History of the United States: The Modern Period (3)		3	50	C
HIST	1xxxx	European History (3)		3		
<b>Fine Arts</b>						
ARCH	10012	Survey of Architectural History II (3)				C
ARTH	22006	Art History I: Ancient and Medieval Art (3)		3		
MUS	22111	The Understanding of Music (3)				C
G MUS	22121	Music as a World Phenomenon (3)				C
<b>SOCIAL SCIENCES</b>						
ECON	22060	Principles of Microeconomics (3)		3	50	C
ECON	22061	Principles of Macroeconomics (3)		3	50	C
GEOG	10160	Introduction to Geography (3)				C
G GEOG	17063	World Geography (3)				C
D GEOG	17064	Geography of the United States and Canada (3)				C
G GEOG	22061	Human Geography (3)		3		
G POL	10004	Comparative Politics (3)		3		
D POL	10100	American Politics (3)		3	50	
D PSYC	11762	General Psychology (3)		3	50	
D PSYC	20651	Child Psychology (3)			50	
D SOC	12050	Introduction to Sociology (3)			50	
<b>BASIC SCIENCES</b>						
BSCI	10001	Human Biology (3)				C
BSCI	10002	Life on Planet Earth (3)				C
BSCI	10110	Biological Diversity (4)		3	50	
BSCI	10120	Biological Foundations (4)		4	50	
LAB BSCI	11010	Anatomy and Physiology I for Allied Health (3)				C
LAB BSCI	11020	Anatomy and Physiology II for Allied Health (3)				C
BSCI	20020	Biological Structure and Function (5)				C
CHEM	10030	Chemistry in Our World (3)				C
CHEM	10050	Fundamentals of Chemistry (3)				C
CHEM	10052	Introduction to Organic Chemistry (2)				C
CHEM	10054	General and Elementary Organic Chemistry (5)				C
CHEM	10060	General Chemistry I (4)		3	50	C
CHEM	10061	General Chemistry II (4)		5	50	C
LAB CHEM	10062	General Chemistry I Laboratory (1)		4		
GEOL	11040	Earth Dynamics (3)				C
GEOL	11042	Earth History (3)				C
GEOL	21062	Environmental Geology (3)		3		C
GEOL	21080	Oceanography (3)				C
PHY	11030	Seven Ideas that Shook the Universe (3)				C
PHY	12201	Technical Physics I (3)				C
PHY	12202	Technical Physics II (3)				C
PHY	13001	General College Physics I (4)		3		C
PHY	13002	General College Physics II (4)		3		C
PHY	13011	College Physics I (2)				C
PHY	13012	College Physics II (2)				C
LAB PHY	13021	General College Physics Laboratory I (1)		3		
LAB PHY	13022	General College Physics Laboratory II (1)		3		
PHY	21040	Physics in Entertainment and the Arts (3)				C
PHY	21430	Frontiers in Astronomy (3)				C
PHY	23101	General University Physics I (5)		3		C
PHY	23102	General University Physics II (5)		3		C

Visit the following websites for more information on the AP ([www.kent.edu/honors/academicsandresearch/advanced-placement.cfm](http://www.kent.edu/honors/academicsandresearch/advanced-placement.cfm)); CLEP ([www.kent.edu/career/testing/clep.cfm](http://www.kent.edu/career/testing/clep.cfm)); and CBE ([www.kent.edu/registrar/info/cbe.cfm](http://www.kent.edu/registrar/info/cbe.cfm)) at Kent State. Visit [www.kent.edu/catalog/kent-core](http://www.kent.edu/catalog/kent-core) for the full Kent Core course list.

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