

# Roadmap: 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.

| critical (in boldface and shaded areas) must be complet   | ed in tr        | <u>ie sem</u> | ester         | isted t      | o ensure a timely graduation.  |  |
|---|-----------------|---------------|---------------|--------------|--|--|
| Course Subject and Title  | Credit<br>Hours | Upper<br>Div. | Min.<br>Grade | Major<br>GPA | Important Notes  |  |
| Semester One: [16 Credit Hours]   |                 |               |               |              |  |  |
| MATH 11010 Algebra for Calculus   | 3               |               | С             |              | Enrollment based on placement tests; fulfills Kent Core Mathematics and Critical Reasoning |  |
| BUS 10123 Exploring Business  | 3               |               |               |              | See note 4 on page 3   |  |
| COMM 15000 Introduction to Human Communication  | 3               |               | С             |              | Fulfills Kent Core Additional  |  |
| US 10097 Destination Kent State: First Year Experience  | 1               |               |               |              | Not required for transfer students with 25 credits   |  |
| Kent Core Requirement   | 3               |               |               |              | See Kent Core Summers on page 2  |  |
| Kent Core Requirement   | 3               |               |               |              | See Kent Core Summary on page 2  |  |
| Semester Two: [15-17 Credit Hours]  |                 |               |               |              |  |  |
| MATH 11012 Intuitive Calculus or MATH 12002 Analytic Geometry and Calculus I  | 3-5             |               |               |              | Fulfills Kent Core Additional  |  |
| MIS 24053 Introduction to Computer Applications   | 3               |               | С             |              |  |  |
| ECON 22060 Principles of Microeconomics   | 3               |               |               |              | Fulfills Kent Core Social Sciences   |  |
| Kent Core Requirement   | 3               |               |               |              | See Kent Core Summary on page 2  |  |
| Kent Core Requirement   | 3               |               |               |              |  |  |
| Semester Three: [15 Credit Hours]   |                 |               |               |              |  |  |
| MIS 24065 Web Programming   | 3               |               | С             |              |  |  |
| ACCT 23020 Introduction to Financial Accounting   | 3               |               |               |              |  |  |
| ECON 22061 Principles of Macroeconomics   | 3               |               |               |              | Fulfills Kent Core Additional  |  |
| MIS 24056 Fundamentals of Business Statistics   | 3               |               |               |              | See note 5 on page 3   |  |
| Kent Core Requirement   | 3               |               |               |              | See Kent Core Summary on page 2  |  |
| Semester Four: [15 Credit Hours] Required for progression in the major: Minimum 2.500 cu 11010; and a minimum C (2.000) in each MIS 24053 and M | IIS 2406        | ve GPA<br>55. | , minir       | num C        | (2.000) grade in COMM 15000, ENG 21011, MATH   |  |
| MIS 34068 Systems Analysis and Design   | 3               |               |               |              |  |  |
| ACCT 23021 Introduction to Managerial Accounting  | 3               |               |               |              |  |  |
| MIS 24163 Principles of Management  | 3               |               |               |              |  |  |
| Kent Core Requirement   | 3               |               |               |              | See Kent Core Summary on page 2  |  |
| Kent Core Requirement   | 3               |               |               |              |  |  |
| Semester Five: [15 Credit Hours]  |                 |               |               |              |  |  |
| MIS 34070 Programming Theory and Applications   | 3               | •             |               |              |  |  |
| FIN 26074 Legal Environment of Business   | 3               |               |               |              |  |  |
| MIS 44007 Project Management and Team Dynamics  | 3               | •             |               |              |  |  |
| MKTG 25010 Principles of Marketing  | 3               |               |               |              |  |  |
| MIS Electives (upper division)  | 3               |               |               |              | See note 1 on page 2   |  |
| Semester Six: [15 Credit Hours]   |                 |               |               |              |  |  |
| MIS Elective (upper division)   | 3               | •             |               | -            | See note 1 on page 2   |  |
| BUS 30123 Professional Business Practices   | 3               | •             |               |              | See note 6 on page 3   |  |
| MIS 44043 Data Base Management Systems  | 3               | -             |               |              |  |  |
| FIN 36053 Business Finance MIS 34060 Operations Management  | 3               | -             |               |              |  |  |
| wito 34000 Operations ivianagement  | 3               |               | j             |              |  |  |



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## Critical requirements are boldface in shaded areas

| Course Subject and Title   | Credit<br>Hours | Upper<br>Div. | Min.<br>Grade | Major<br>GPA | Important Notes  |  |  |  |
|--|-----------------|---------------|---------------|--------------|--|--|--|--|
| Semester Seven: [15 Credit Hours]  |                 |               |               |              |  |  |  |  |
| Required: minimum cumulative 2.500 GPA   |                 |               |               |              |  |  |  |  |
| MIS Elective (upper division)  | 3               |               |               |              | See note 1 below   |  |  |  |
| MIS 44048 Software Integration   | 3               |               | С             |              | Fulfills writing-intensive course requirement; fulfills experiential learning requirement                  |  |  |  |
| General Electives (lower or upper division)  |                 |               |               |              | Should fulfill diversity requirement if not satisfied earlier; see note 2 below                            |  |  |  |
| Semester Eight: [15 Credit Hours]  |                 |               |               |              |  |  |  |  |
| Required: minimum cumulative 2.500 GPA and completion of The Assurance of Learning Assessment given in MIS 44285 |                 |               |               |              |  |  |  |  |
| MIS 44285 Integrated Business Policy and Strategy  | 3               |               |               |              |  |  |  |  |
| MIS 44292 Business Experience and Internship   |                 |               |               |              | See note 3 below; fulfills experiential learning requirement   |  |  |  |
| Kent Core Requirement  | 3               |               |               |              | See Kent Core Summary on page 2  |  |  |  |
| General Electives (lower or upper division)  | 6               |               |               |              | Number of credits required depends on meeting minimur 121 credit hours and minimum 39 upper-division hours |  |  |  |

**Graduation Requirements Summary** 

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

**Kent Core Summary** 

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

Students must complete a minimum 36 credit hours of the Kent Core. Certain courses required in programs and in student's major field may also fulfill the Kent Core. Honors equivalents shall satisfy the Kent Core. None of the courses on the Kent Core list may be taken with a pass/fail grade. Visit www.kent.edu/catalog/kent-core for course list.

## **Diversity Course Requirement**

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the Kent Core. The second course may be taken as a second Kent Core, within a major or minor, or as a general elective; or, with dean's approval, by completing one semester of study in another country. Visit <a href="https://www.kent.edu/catalog/diversity">www.kent.edu/catalog/diversity</a> for course list.

## **Writing-Intensive Course Requirement**

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.00) grade. Visit www.kent.edu/catalog/wic for course list.

## **Experiential Learning Requirement**

To provide students with direct engagement in learning experiences that promote academic relevance, meaning and an understanding of real-world issues, students must complete this requirement at Kent State, either as a for-credit course or as a non-credit, non-course experience approved by the appropriate faculty member. Visit <a href="www.kent.edu/catalog/elr">www.kent.edu/catalog/elr</a> for course list.

## **Upper-Division Requirement**

Students must complete a minimum 39 upper-division (numbered 30000 to 49999) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.

