Roadmap: Computer Information Systems Bachelor of Business Administration
[BU-BBA-CIS]
College of Business Administration
Department of Management and Information Systems Catalog Year: 2010-2011

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 Division | Min. Grade | Important Notes |
| :---: | :---: | :---: | :---: | :---: |
| Semester One: [16 Credit Hours] |  |  |  |  |
| MATH 11010 Algebra for Calculus | 3 |  | C | Enrollment based on placement tests; fulfills Kent Core Mathematics and Critical Reasoning |
| BUS 10123 Exploring Business | 3 |  |  | Fulfills Pre-Major Business requirement |
| COMM 15000 Introduction to Human Communication | 3 |  | C | Fulfills Kent Core Additional |
| US 10097 Destination Kent State: FYE | 1 |  |  | Not required for transfer students with 25 credits |
| Kent Core Requirement | 6 |  |  | See Kent Core Summary on page 2 |
| Semester Two: [15-17 Credit Hours] |  |  |  |  |
| MATH 11012 Intuitive Calculus orMATH 12002 Analytic Geometry and Calculus I | 3-5 |  |  | Fulfills Pre-Major Additional Mathematics requirement |
| MIS 24053 Introduction to Computer Applications | 3 |  | C | Fulfills Pre-Major Business requirement |
| ECON 22060 Principles of Microeconomics | 3 |  |  | Fulfills Kent Core Social Sciences |
| Kent Core Requirement | 6 |  |  | See Kent Core Summary on page 2 |
| Semester Three: [15 Credit Hours] |  |  |  |  |
| MIS 24060 Systems Analysis I | 3 |  |  | Permission required prior to registration |
| ACCT 23020 Introduction to Financial Accounting | 3 |  |  | Fulfills Pre-Major Business requirement; must have 28 credit hours to register |
| ECON 22061 Principles of Macroeconomics | 3 |  |  | Fulfills Kent Core Additional |
| MIS 24056 Fundamentals of Business Statistics | 3 |  |  | Fulfills Pre-Major Business requirement |
| Kent Core Requirement | 6 |  |  | See Kent Core Summary on page 2 |
| Semester Four: [15 Credit Hours] |  |  |  |  |

Required: combined 2.5 grade average in MIS 24053, MIS 24060 and MIS 34070 to progress to semester 5

| MIS 34070 Principles of Systems Development | 3 |  | Permission required prior to registration |
| :---: | :---: | :---: | :---: |
| ACCT 23021 Introduction to Managerial Accounting | 3 |  | Fulfills Pre-Major Business requirement |
| MIS 24163 Principles of Management | 3 |  | Fulfills Pre-Major Business requirement |
| Kent Core Requirement | 6 |  | See Kent Core Summary on page 2 |
| Semester Five: [15 Credit Hours] |  |  |  |
| Required: minimum cumulative 2.5 GPA |  |  |  |
| MIS 44042 Network Theory and Applications | 3 | $\square$ |  |
| MIS Electives (upper division) | 6 | $\square$ | See note 1 on page 2 |
| FIN 26074 Legal and Regulatory Environment of Business | 3 |  | Fulfills Pre-Major Business requirement |
| MKTG 25010 Marketing | 3 |  | Fulfills Pre-Major Business requirement |
| Semester Six: [15 Credit Hours] |  |  |  |
| MIS 44043 Data Base Management Systems | 3 | $\square$ |  |
| MIS Elective (upper division) | 3 | $\square$ | See note 1 below |
| ENG 30063 Business and Professional Writing | 3 | $\square$ |  |
| FIN 36053 Business Finance | 3 | $\square$ |  |
| MIS 34060 Operations Management | 3 | ■ |  |

Critical requirements are boldface in shaded areas

| Course Subject and Title | Credit Hours | Upper Division | Min. Grade | Important Notes |
| :---: | :---: | :---: | :---: | :---: |
| Semester Seven: [15 Credit Hours] |  |  |  |  |
| Required: minimum cumulative 2.5 GPA |  |  |  |  |
| MIS 44048 Software Integration | 3 | ■ | C | Fulfills writing-intensive course requirement |
| MIS Elective (upper division) | 3 | ■ |  | See note 1 below |
| General Electives (lower or upper division) | 9 |  |  | Should fulfill diversity requirement if not satisfied earlier; see note 2 below |
| Semester Eight: [15 Credit Hours] |  |  |  |  |
| Required: minimum cumulative 2.5 GPA and completion of The Assurance of Learning Assessment given in MIS 44285 |  |  |  |  |
| MIS 44285 Integrated Business Policy and Strategy | 3 | ■ |  |  |
| MIS Elective (upper division) | 3 | ■ |  | See note below |
| Kent Core Requirement | 3 |  |  | See Kent Core Summary on page 2 |
| General Electives (upper division) | 6 | ■ |  | Number of credits required depends on meeting minimum 121 credit hours and minimum 39 upper-division hours |

Graduation Requirements Summary

| Minimum <br> Total Hours | Minimum Upper- <br> Division Hours | Kent Core Hours | Diversity Course <br> Global / Domestic | Writing-Intensive | Minimum <br> Major GPA |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 121 | 39 | 36 | Kent Core or General <br> Electives | MIS 44048 | 2.50 | 2.50 |

Kent Core Summary

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

Note 1: MIS electives ( 15 credit hours), choose from the following:

| MIS 34032 Data and File Technology | 3 | MIS 44044 Systems Analysis II | 3 |
| :--- | :---: | :--- | :---: |
| MIS 34033 Computer Programming for Business II | 3 | MIS 44045 Information Systems Management | 3 |
| MIS 34036 Large Systems Technology | 3 | MIS 44049 Network Management | 3 |
| MIS 34045 Small Systems Technology | 3 | MIS 44095 Special Topics | 3 |
| MIS 34080 Computer Programming for Business I | 3 | MIS 44292 Internship in Information Systems | 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 3 credit hours of physical education activity (PEB) courses and maximum 3 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. Non-business courses may be selected, provided there is minimum 6 credit hours in each of two different disciplines/departments. 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. Credit for ENG 11001 or 11002 or MATH 10023 or 10024 may apply only toward lower-division non-business electives.

U N I V E R S I T Y Bachelor of Business Administration

## 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 www.kent.edu/catalog/diversity 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.

## 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.

