



## Master of Science in Management Information Systems (MS MIS) FULL-TIME PROGRAM CURRICULUM PLAN

### MS MIS DEGREE REQUIREMENTS

Upon formal admission to the Master of Science in Management Information Systems program, a student must fulfill the following requirements in order to receive the MS-MIS degree:

- 1) A minimum of 30 credits of approved graduate-level coursework
  - a. A minimum of 19.5 credits of MIS courses are required
  - b. A maximum of 10.5 credits of non-MIS courses are allowed
- 2) The appropriate distribution of required core courses and elective courses
  - a. 13.5 credits of core courses are required
  - b. 6.0 credits of MIS elective courses are required
- 3) A limit of one MIS independent study (maximum 3 credits)
- 4) A minimum cumulative quality point average (QPA) of 3.0 (B)

#### Core Courses (Required total: 13.5 credits):

| No | Course  | Credits |
|----|---|---------|
| 1  | BMIS 2409 Information Systems   | 1.5     |
| 2  | BMIS 2537 Business Systems Platforms  | 3.0     |
| 3  | BMIS 2056 MIS Practicum   | 3.0     |
| 4  | BMIS 2551 Project Management Concepts and Processes   | 3.0     |
| 5  | BMIS 2588 Database Management ( <i>with faculty director approval, students with an undergraduate technical degree may substitute with an MIS elective course</i> ) | 3.0     |

#### MIS Elective Courses (Required minimum: 6 credits):

| No | Course (in course serial number order)   | Credits  |
|----|--|----------|
| 1  | BMIS 2034 Information Systems Planning   | 3.0      |
| 2  | BMIS 2053 Human Computer Interaction   | 3.0      |
| 3  | BMIS 2055 IS Project Course  | 3.0      |
| 4  | BMIS 2060 MIS Independent Study  | Variable |
| 5  | BMIS 2074 Strategic IT in Supply Chain Management  | 1.5      |
| 6  | BMIS 2501 Enterprise Systems and Integration of Business Processes   | 3.0      |
| 7  | BMIS 2678 Electronic Commerce  | 3.0      |
| 8  | BMIS 2679 Technology Innovation, Adoption, and Diffusion   | 3.0      |
| 9  | BMIS 2689 Technology-Enabled Business Transformation   | 3.0      |
| 10 | Current Topics in MIS ( <i>options vary; consult with your academic advisor and faculty director for available courses</i> ) | 1.5      |

### Elective Courses from Pitt Information Science and Computer Science:

Students with special interests, with the approval of the faculty director, will be permitted to substitute other relevant elective courses from the School of Information Science and the Department of Computer Science. Credits from these graduate-level courses can be used towards the requirement of MIS electives (6 credits) or/and towards non-MIS electives (10.5 credits).

- Information Science courses are listed here  
<http://www.ischool.pitt.edu/ist/courses/descriptions.php>
- Computer Science courses can be queried through the Pitt Dietrich School of Arts and Sciences course catalog: <http://www.courses.as.pitt.edu/>

### Elective Courses from Katz MBA/MS programs:

Students may choose non-MIS electives from the Masters (MBA) schedule (up to a maximum of 10.5 credits). A variety of graduate-level courses from other business disciplines are offered each term. Students may reference course offerings and descriptions for a given term within the 'Schedules and Course Abstracts' section via [StudentNet](#).

## MS MIS SAMPLE SCHEDULE

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Full-Time MS in MIS students are eligible to enroll for a maximum of 15 credits per semester.

### ❖ Fall Term – 15 credits

|                              |   |             |
|------------------------------|---|-------------|
| * BMIS 2409                  | Information Systems                         | 1.5 credits |
| * BMIS 2999                  | Management Information Systems Practicum    | 3.0 credits |
| * BMIS 2551                  | Project Management Concepts & Processes     | 3.0 credits |
| * BMIS 2679                  | Technology Innovation, Adoption & Diffusion | 3.0 credits |
| * Elective(s) of your choice |   | 4.5 credits |

### ❖ Spring Term – 15 credits

|                              |  |             |
|------------------------------|--|-------------|
| * BMIS 2537                  | Business Systems Platforms                 | 3.0 credits |
| * BMIS 2678                  | Electronic Commerce                        | 3.0 credits |
| * BMIS 2689                  | Technology-enabled Business Transformation | 3.0 credits |
| * BMIS 2588                  | Database Management                        | 3.0 credits |
| * Elective(s) of your choice |  | 3.0 credits |

## MS MIS COURSE SELECTION AND SEQUENCING

In order to make the most of the Katz MBA experience, each student is strongly encouraged to work with his/her designated academic advisor, career advisor, and Katz faculty in order to align elective coursework with professional aspirations. Students may reference course offerings and descriptions for a given term within the 'Schedules and Course Abstracts' section via [StudentNet](#).

The *Academic and Career Advising Guide for MS in Management Information Systems*, also available via [StudentNet](#), is a powerful reference tool that students can utilize to research career tracks and functional areas within a given concentration; recommended course selection and sequencing; co-curricular activities; and additional professional resources.

The following tables are a helpful tool for students to work with his/her designated academic advisor, career advisor, and Katz faculty to plan course selection and sequencing.

### MS MIS Required Core Courses (13.5 credits required)

| Course Number | Course Title                              | Credits | Term Planned | Term Completed |
|---------------|---|---------|--------------|----------------|
| BMIS 2409     | Information Systems                       | 1.5     |              |                |
| BMIS 2537     | Business Systems Platforms                | 3.0     |              |                |
| BMIS 2999     | MS-MIS Practicum                          | 3.0     |              |                |
| BMIS 2551     | Project Management Concepts and Processes | 3.0     |              |                |
| BMIS 2588     | Database Management*                      | 3.0     |              |                |

\* *with approval from faculty director, students with an undergraduate technical degree may substitute with an MIS elective course*

