



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):

Course	Credits
BMIS 2409 Information Systems	1.5
BMIS 2537 Business Systems Platforms	3.0
BMIS 2056 MIS Practicum	3.0
BMIS 2551 Project Management Concepts and Processes	3.0
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):

Course	Credits
BMIS 2034 Information Technology Governance	3.0
BMIS 2053 Human Computer Interaction	3.0
BMIS 2074 Strategic IT in Supply Chain Management	1.5
BMIS 2501 Enterprise Systems and Integration of Business Processes	3.0
BMIS 2542 Data Programming with Python	3.0
BMIS 2528 Data Programming with R	3.0
BMIS 2679 Technology Innovation, Adoption, and Diffusion	3.0
NEW Data Warehousing (<i>pre-requisite BMIS 2588</i>)	3.0
NEW Data Visualization (<i>pre-requisite BMIS 2528</i>)	3.0

Elective Courses from Pitt School of Computing and Information:

Students with special interests, with the approval of the faculty director, will be permitted to substitute other relevant elective courses from the Pitt School of Computing and Information. 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).

- Course Descriptions and Schedule are listed here <https://cs.pitt.edu/grads> and <http://www.ischool.pitt.edu/academics/master.php>

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

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

❖ Fall Term – 15 credits

* BMIS 2056	MIS Practicum (core)	3.0 credits
* BMIS 2551	Project Management Concepts & Processes (core)	3.0 credits
* BMIS 2588	Database Management (core)	3.0 credits
* Elective(s)		6.0 credits

❖ Spring Term – 15 credits

* BMIS 2409	Information Systems Management (core)	1.5 credits
* BMIS 2537	Business Systems Platforms (core)	3.0 credits
* Elective(s)		10.5 credits

MS MIS COURSE SELECTION AND SEQUENCING

In order to make the most of the Katz experience, each student is strongly encouraged to work with his/her designated academic advisor, career advisor, and 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	Fall, Spring	
BMIS 2537	Business Systems Platforms	3.0	Spring	
BMIS 2999	MS-MIS Practicum	3.0	Fall	
BMIS 2551	Project Management Concepts and Processes	3.0	Fall, Spring	
BMIS 2588	Database Management*	3.0	Fall, Spring	

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

