

MANAGEMENT INFORMATION SYSTEMS, MS

The Management Information Systems (MIS) program provides the expanded perspective needed to advance in the MIS field and allows students to tailor their education based on specific career goals by focusing their studies in IT strategy/management core of MIS along with the more focused areas of cyber security and data analytics. The curriculum supplements traditional MIS coursework that many receive in undergraduate programs by focusing on higher-level learning objectives and outcomes relevant in today's rapidly changing business environment. Our emphasis is on the managerial aspects of information systems (IS), and the goals of our program are to help those currently working, or aspiring to work, in IS related fields position themselves for managerial positions, and to prepare individuals from other fields to build the skills needed to succeed in IS careers.

MIS 564	Org. Security Management	3
MIS 566	Intro Cybercrime & Digital For	3
MIS 598	Res In Management Info Systems	3
Total Hours		30

Admission Requirements

Students accepted into the program will have graduated with a baccalaureate degree in information systems, computer science, business analytics, or engineering from a regionally accredited college or university or from a recognized university abroad. If the degree is from a non IT-related field, admission is dependent upon the successful completion of two bridge courses that provide requisite knowledge needed for the Management Information Systems (M.S.) program in the areas of programming and systems analysis and design. Those two courses would be offered in the summer term prior to a fall semester program start.

Students accepted into the program will have achieved a minimum overall undergraduate grade point average (GPA) of 3.0 on a 4.0 scale and will have earned a combined score of 580 or higher on the verbal and quantitative sections of the GMAT, or equivalent on the GRE.

See the Admission Criteria section of this catalog for more information.

Degree Requirements

The program will administer a comprehensive examination to candidates for the Management Information Systems (M.S.) degree. This comprehensive exam will be administered in the final semester of the student's M.S. in MIS degree program and will consist of questions designed to assess the extent to which the student has successfully met the program's learning objectives of a) demonstrating how information technology links and enables the achievement of business goals in functional business units, b) applying critical thinking skills to analyze business problems, c) applying appropriate data analysis tools and methods to develop solutions to complex and unfamiliar business problems, and d) synthesizing the impact of cyber security vulnerabilities on business information systems development. The learning objective of demonstrating ability to manage others and work in teams will be assessed as a final exam component of MIS 525 Informatn Systems Project Mgt.

Requirements	Hours
MIS 511 Management Information Systems	3
MIS 525 Informatn Systems Project Mgt	3
MIS 527 Emerging Info Technologies Sem	3
MIS 540 Dbase Design/Construction/Oper	3
MIS 541 Business Analytic Support Sys	3
MIS 561 Applied Cyber Security	3
MIS 563 Behavioral Cyber Security	3