

Program of Work
Master of Science in Information Systems

Designed to provide a specialized knowledge of information systems, students in the MS Information Systems program are exposed to theory, research, and practical applications in areas including management information systems, database management systems, systems analysis and design, data communications, and business analytics.

Required Advanced Courses	
Course	
BSTAT 5325	Advanced Methods for Analytics
INSY 5337	Data Warehousing and Business Intelligence
INSY 5373	Information Systems Project Management
INSY 5336	Python Programming
INSY 5375	Management of Information Systems - Last Semester
Non-Thesis Option	
Course	
INSY 5335/INSY Elective	Applied Database Management
INSY 5341/INSY Elective	Analysis and Design
INSY5309/5336/INSY Elective	
INSY Elective	
INSY/COB Elective	
INSY/COB Elective	
Thesis Option	
Course	
INSY 5698	Last Semester Thesis - 6 hours

When there is equivalent coursework experience, the student must meet with the MSIS Graduate Advisor to select alternate coursework.

Foundation/Core courses cannot be used as advanced electives:

ECON 5311, OPMA 5361, FINA 5311, MARK 5311

If the prospective student has no IT coursework that covers the necessary prerequisites, INSY 5335 and INSY 5341 will be required as electives.

An approved 3-credit hour graduate internship (INSY 5399 GRADUATE INFORMATION SYSTEMS INTERNSHIP) may also be taken as an elective. Only one internship will count towards the degree.

Admissions Requirements	MS in Information Systems Advisor
3.0+ GPA in last 60 undergraduate degree hours	Dr. Sajib Datta
GMAT Verbal and Quantitative scores in 50th percentile or better	Associate Professor of Practice
TOEFL/IELTS as applicable	Information Systems and Operations Management
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