

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

<b>Admissions Requirements</b>	<b>MS in Information Systems Advisor</b>
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
*GMAT waivers available under limited conditions	sajib.datta@uta.edu