Curriculum Plan for Master of Science in INFORMATION TECHNOLOGY
(11 courses, 33 credits)

Suggested sequence for students entering Fall 2020

NAME

DATE ADMITTED

ADVISOR

Proposed Course of Study:

COURSE NUMBER & TITLE

REQUARED CORE COURSES (3)

MIS 581 Policy and Strategy for IT and Analytics Spring 21
MIS 584 Business Intelligence Fall 20 / Mon. 6 – 9 PM
MIS 502 Data Management for Analytics Fall 20 / Tues. 6 – 9 PM

MSIT students must complete two, three-course specialties, selected from the following:

Select your third course from one of your two specialty areas

SPECIALTY IN INFORMATION SYSTEMS DESIGN

MIS 571 Database Applications Design and Development Fall 20 / Wed. 6 – 9 PM
MIS 582 Information Security Management
MIS 585 User Experience Design Fall 20 / Thurs. 6 – 9 PM

SPECIALTY IN DATA ANALYTICS

MIS 587 Business Applications in Machine Learning Fall 20 / Wed. 6 – 9 PM
MKT 568 Data Mining Business Applications
select one of the following:
MKT 565 Digital and Social Media Marketing and Analytics
MKT 562 Marketing Research

SPECIALTY IN DIGITAL TRANSFORMATION

MIS 500 Innovating with Information Systems Fall 20 / Thurs. 6 – 9 PM
select one of the following:
OIE 501 Designing Operations for Competitive Advantage Fall 20 / Wed. 6 – 9 PM
(recommended for students with no operations background)
OIE 544 Supply Chain Analysis and Design
OIE 558 Designing and Managing Lean and Six-Sigma Processes
select one of the following:
MIS 576 Project Management
OBC 533 Negotiations
OBC 537 Change Management

SPECIALTY IN IT USER EXPERIENCE

MKT 561 Consumer Behavior and Analytics
MIS 583 User Experience Applications
MIS 586 User Experience Research Methods Fall 20 / Wed. 1 – 4 PM

over
MSIT students must complete a two-course capstone project experience as follows:

- OBC 505 Teaming and Organizing for Innovation
- BUS 596 Master of Science Capstone Project

**Additional recommendation for on campus, international MSIT students:**

On campus, international students are encouraged to complete up to three additional credits of internship to ensure their readiness for employment in the U.S.

If you have been awarded transfer credit or course waivers, list the approved courses and credit hours allowed below.

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<th>COURSE NUMBER &amp; TITLE</th>
<th>CREDIT HOURS</th>
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(To be completed by Advisor)

I have reviewed the Curriculum Plan above and agree that it comprises an acceptable program of study for the degree of Master of Science in Information Technology.

**ADVISOR’S SIGNATURE:**

**DATE:**

Important Note to Advisors: Once approved, please return the Curriculum Plan to the Executive Director of Business Programs.

Revised 2/20/2020