

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

NAME _____

DATE ADMITTED Suggested sequence for students entering Fall 2020

ADVISOR _____

Proposed Course of Study: COURSE NUMBER & TITLE SEMESTER

REQUIRED CORE COURSES (3)

MIS 581 Policy and Strategy for Information Technology and Analytics Spring 21

MIS 584 Business Intelligence Fall 20

MIS 502 Data Management for Analytics Fall 20

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

MIS 582 Information Security Management

MIS 585 User Experience Design Fall 20

SPECIALTY IN DATA ANALYTICS

MIS 587 Business Applications in Machine Learning Fall 20

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

select one of the following

OIE 501 Designing Operations for Competitive Advantage Fall 20

(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

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.

COURSE NUMBER & TITLE	CREDIT HOURS	TRANSFER OR WAIVER
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(Do not complete below this line)

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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.