

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

NAME \_\_\_\_\_

DATE ADMITTED \_\_\_\_\_ Spring 2021 \_\_\_\_\_

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 / Online

MIS 584 Business Intelligence \_\_\_\_\_ Spring 21 / Online

MIS 502 Data Management for Analytics \_\_\_\_\_

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

*For Spring 2021 - select 1 additional course, depending on desired specialty.*

**SPECIALTY IN INFORMATION SYSTEMS DESIGN**

MIS 571 Database Applications Design and Development \_\_\_\_\_ Spring 21 / Online

MIS 582 Information Security Management \_\_\_\_\_ Spring 21 / Online

MIS 585 User Experience Design \_\_\_\_\_

**SPECIALTY IN DATA ANALYTICS**

MIS 587 Business Applications in Machine Learning \_\_\_\_\_

MKT 568 Data Mining Business Applications \_\_\_\_\_ Spring 21 / Online

*Select one of the following:*

MKT 565 Digital and Social Media Marketing and Analytics \_\_\_\_\_ Spring 21 / Online

MKT 562 Marketing Research \_\_\_\_\_

**SPECIALTY IN DIGITAL TRANSFORMATION**

MIS 500 Innovating with Information Systems \_\_\_\_\_ Spring 21 / Online

*select one of the following*

OIE 501 Operations Management \_\_\_\_\_ Spring 21 / Online

*(recommended for students with no operations background)*

OIE 544 Supply Chain Analysis and Design \_\_\_\_\_

OIE 558 Designing and Managing Lean and Six-Sigma Processes \_\_\_\_\_ Spring 21 / Online

*select one of the following*

MIS 576 Project Management \_\_\_\_\_ Spring 21 / Online

OBC 533 Negotiations \_\_\_\_\_ Spring 21 / Online

OBC 537 Change Management \_\_\_\_\_

**SPECIALTY IN IT USER EXPERIENCE**

MKT 561 Consumer Behavior and Analytics \_\_\_\_\_

MIS 583 User Experience Applications \_\_\_\_\_ Spring 21 / Online

MIS 586 User Experience Research Methods \_\_\_\_\_

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.

<b>COURSE NUMBER &amp; TITLE</b>	<b>CREDIT HOURS</b>	<b>TRANSFER OR WAIVER</b>
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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.