WPI / Business School
Curriculum Plan for Master of Science in
INFORMATION TECHNOLOGY
(11 courses, 33 credits)
All courses are 3 credits each

NAME _____

DATE ADMITTED <mark>Suggested sequence for students entering Fall 2021</mark>___

ADVISOR _____

Proposed Course of Study: COURSE NUMBER & TITLE   SEMESTER

Courses where day of the week is noted are on campus. Where only semester is noted, courses are online.

REQUIRED CORE COURSES (3)

MIS 502 Data Management for Analytics	Spring 22 / Mon.
MIS 581 Policy and Strategy for Information Technology and Analytics	Fall 21 / Wed.
MIS 584 Business Intelligence	Spring 22 / Thurs.

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

SPECIALTY IN INFORMATION SYSTEMS DESIGN

MIS 571 Database Applications Design and Development	Spring
MIS 582 Information Security Management	Spring
MIS 585 User Experience Design	Fall

SPECIALTY IN DATA ANALYTICS

MIS 587 Business Applications in Machine Learning	Fall
MKT 568 Data Mining Business Applications	Spring / Wed.

<mark>*Select one of the following:*</mark>

MKT 562 Marketing Research	Fall
MKT 565 Digital Marketing	Spring

SPECIALTY IN DIGITAL TRANSFORMATION

MIS 500 Innovating with Information Systems	Fall

<mark>*select one of the following*</mark>

OIE 501 Operations Management	Fall 21 / Thurs. 6 - 9

(recommended for students with no operations background)

OIE 544 Supply Chain Analysis and Design	Fall
OIE 558 Designing and Managing Lean and Six-Sigma Processes	Spring

<mark>*select one of the following*</mark>

MIS 576 Project Management	Fall & Spring
OBC 533 Negotiations	Spring / Wed.
OBC 537 Leading Change	

SPECIALTY IN IT USER EXPERIENCE

MKT 561 Consumer Behavior and Analytics	Spring
MIS 583 User Experience Applications	Spring
MIS 586 User Experience Methods	Fall

over

MSIT students must complete a two-course <u>capstone project experience</u> as follows:

<div style="padding-left: 2em;">

OBC 505 Teaming and Organizing for Innovation   Fall 21 / Mon.

MIS 573 Systems Design and Development   Spring

</div>

<mark>**Additional recommendation for on campus, international MSIT students:**</mark>

> **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, list the approved courses and credit hours allowed below.

COURSE NUMBER & TITLE	CREDIT HOURS	TRANSFER

(Do not complete below this line)

………

(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.