

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 Suggested sequence for students entering Fall 2022 _____

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 _____ Fall / Spring – Mon. 6 – 9 PM

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

MIS 584 Business Intelligence _____ Fall 22 – Mon. 6 – 9 PM or online / Spring

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

Select one of the following:

MKT 562 Marketing Research _____ Fall

MKT 565 Digital Marketing _____ Spring

SPECIALTY IN DIGITAL TRANSFORMATION

MIS 500 Innovating with Information Systems _____ Fall

select one of the following

OIE 501 Operations Management _____ Fall - Thurs. 6 – 9 / Spring

(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

select one of the following

MIS 576 Project Management _____ Fall & Spring

OBC 533 Negotiations _____ Spring – Wed. 6 – 9 PM

OBC 537 Leading Change _____ Fall

SPECIALTY IN IT USER EXPERIENCE

MKT 561 Consumer Behavior and Analytics _____ Fall

MIS 583 User Experience Applications _____ Spring

MIS 586 User Experience Methods _____ Fall

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

<u>OBC 505 Teaming and Organizing for Innovation</u>	<u>Fall / Spring – Tues. 6 – 9 PM</u>
<u>MIS 573 Systems Design and Development</u>	<u>Spring</u>

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, list the approved courses and credit hours allowed below.

COURSE NUMBER & TITLE	CREDIT HOURS	TRANSFER

(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.