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 2021

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.

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 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

select one of the following

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

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<tr>
<th>COURSE NUMBER &amp; TITLE</th>
<th>CREDIT HOURS</th>
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<tbody>
<tr>
<td>OBC 505 Teaming and Organizing for Innovation</td>
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<td>MIS 573 Systems Design and Development</td>
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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.

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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.