WPI Business School

Curriculum Plan for Master of Science in
INNOVATION WITH USER EXPERIENCE
(11 courses, 33 credits)
All courses are 3 credits each

NAME

DATE ADMITTED

Suggested sequence for students entering Spring 2022

ADVISOR

Proposed Course of Study:

<table>
<thead>
<tr>
<th>COURSE NUMBER &amp; TITLE</th>
<th>SEMESTER</th>
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</thead>
<tbody>
<tr>
<td>MIS 583 UX Applications</td>
<td>Spring 22 / Online</td>
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<tr>
<td>MIS 585 UX Design</td>
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<tr>
<td>MIS 586 UX Methods</td>
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**MSIUX students must complete two, three-course specialties, selected from the following:**

**SPECIALTY IN BRANDS, PRODUCTS, AND CONSUMERS (Select any 3)**

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<thead>
<tr>
<th>COURSE NUMBER &amp; TITLE</th>
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<tr>
<td>MKT 500 Marketing Strategy</td>
<td>Spring 22 / Online</td>
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<tr>
<td>MKT 561 Consumer Behavior and Analytics</td>
<td>Spring 22 / Online</td>
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<tr>
<td>MKT 569 Product and Brand Management</td>
<td>Spring 22 / Online</td>
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**SPECIALTY IN SYSTEM DESIGN (Select any 3; the first three are online; the others, which are not Business School courses, may not be available online)**

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<tr>
<td>MIS 500 Innovating with Information Systems</td>
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<tr>
<td>MIS 571 Database Applications Design and Development</td>
<td>Spring 22 / Online</td>
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<tr>
<td>MIS 582 Information Security Design and Management</td>
<td>Spring 22 / Online</td>
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<tr>
<td>IMGD 5000 Game Design Studio</td>
<td>Spring 22 / Thurs. 2 – 5 PM</td>
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<tr>
<td>IMGD 5300 Design of Interactive Experiences</td>
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<tr>
<td>RBE/CS 526 Human-Robot Interaction</td>
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<td>RBE 595 Synergy of Human and Robot Systems</td>
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<tr>
<td>WR 593 Robot Futures: Design, Ethics, Communication</td>
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**SPECIALTY IN APPLIED ANALTICS (Select any 3)**

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<th>COURSE NUMBER &amp; TITLE</th>
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<tr>
<td>MIS 502 Data Management for Analytics</td>
<td>Spring 22 / Mon. 6 – 9 PM</td>
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<tr>
<td>MIS 584 Business Intelligence</td>
<td>Spring 22 / Thurs. 6 – 9 PM</td>
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<tr>
<td>MIS 587 Business Applications in Machine Learning</td>
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Over
OIE 559 Advanced Prescriptive Analytics: From Data to Impact

DS 501 Introduction to Data Science  
Spring 22 / Online / or Wed. 6 – 9 PM

DS 502 Statistical Methods for Data Science  
Spring 22 / Online

or

MA 511 Applied Statistics for Engineers and Scientists

or T-F 4 – 5:20 PM & M-R 11 AM – 12:50 PM

SPECIALTY IN ORGANIZING AND MANAGING INNOVATION (Select any 3)

FIN 500 Financial Management  
Spring 22 / Mon. 6 – 9 PM

ETR 500 Entrepreneurship and Innovation

ETR 593 Technology Commercialization

MIS 576 Project Management  
Spring 22 / Online

OBC 533 Negotiations  
Spring 22 / Online

OBC 537 Leading Change

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

OBC 505 Teaming and Organizing for Innovation  
Spring 22 / Online

MIS 573 Systems Design and Development

Additional recommendation for on campus, international MSIUX 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.

<table>
<thead>
<tr>
<th>COURSE NUMBER &amp; TITLE</th>
<th>CREDIT HOURS</th>
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(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 Innovation with User Experience.

ADVISOR’S SIGNATURE:  

DATE:  

Important Note to Advisors: Once approved, please return the Curriculum Plan to the Executive Director of Business Programs.

Revised 4/14/2021