WPI Foisie Business School  
Curriculum Plan for Master of Science in  
INNOVATION WITH USER EXPERIENCE  
(12 courses, 36 credits)

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<th>DATE ADMITTED</th>
<th>Suggested sequence for students entering Fall 2020</th>
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<th>ADVISOR</th>
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<th>Proposed Course of Study:</th>
<th>COURSE NUMBER &amp; TITLE</th>
<th>SEMESTER</th>
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**REQUIRED COURSES (5)**

- **MIS 585 UX Design**  
  Fall 20 / Thurs. 6 – 9 PM
- **MIS 586 UX Research Methods**  
  Fall 20 / Wed. 1 – 4 PM
- **MIS 583 UX Applications**  
  Spring 21 / Wed. 1 – 4 PM
- **MIS 571 Database Applications Development**  
  Fall 20 / Wed. 6 – 9 PM
- **MIS 584 Business Intelligence**  
  Spring 21 / Thurs. 6 – 9 PM

**MARKETING CORE COURSES (2)**  
*Select 2 courses from the list below:*

- **MKT 500 Marketing Management**
- **MKT 561 Consumer Behavior**
- **MKT 568 Data Mining Business Applications**

**BUSINESS CORE COURSES (1)**  
*Select 1 course from the list below:*

- **OBC 505 Teaming and Organizing for Innovation**
- **OBC 533 Negotiations**

**FINANCE CORE COURSES (1)**  
*Select 1 course from the list below:*

- **FIN 500 Financial Information and Management**
- **ACC 500 Accounting and Finance Fundamentals (1 credit)**  
  and  
- **ACC 502 Financial Intelligence and Strategic Decision Making (2 credits)**

**ELECTIVES (3)**  
*Select 3 courses from the list below:*

- **UX Research Project I (Advisor approval is required)**
- **UX Research Project II (Advisor approval is required)**
- **MIS 573 System Design and Development**
- **IMGD 5000 Game Design Studio**
- **IMGD 5300 Design of Interactive Experiences**

*(over)*
### Business Courses
- ETR 500 Entrepreneurship and Innovation
- ETR 593 Technology Commercialization: Theory, Strategy and Practice
- MKT 562 Marketing Research
- MKT 565 Digital Marketing
- MKT 598 Social Media Marketing
- OIE 501 Designing Operations for Competitive Advantage
- OIE 552 Modeling and Optimizing Processes
- OIE 556 Health System Modeling and Improvement
- BUS 5900 Internship (no more than 3 credits)

### Technical Courses
- CS 528 Mobile and Ubiquitous Computing
- CS 546 Human Computer Interaction
- CS 573 Data Visualization
- CS 5007 Introduction to Programming Concepts, Data Structures and Algorithms
- DS 501 Introduction to Data Science
- DS 502 Statistical Methods for Data Science
- MA 511 Applied Statistics for Engineers & Scientists

If you have been awarded transfer credit or course waivers, list the approved courses and credit hours allowed below.

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<tr>
<th>COURSE NUMBER &amp; TITLE</th>
<th>CREDIT HOURS</th>
<th>TRANSFER OR WAIVER</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 6/7/2018