

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

NAME \_\_\_\_\_

DATE ADMITTED \_\_\_\_\_ Spring 2020 \_\_\_\_\_

ADVISOR \_\_\_\_\_

Proposed Course of Study: COURSE NUMBER & TITLE SEMESTER

**REQUIRED COURSES (5)**

MIS 585 UX Design Fall 20

MIS 586 UX Research Methods Fall 20

MIS 583 UX Applications Spring 20 / Wed.

MIS 571 Database Applications Development Spring 20 / Tues.

MIS 584 Business Intelligence Fall 20

**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 Spring 20 / Mon.

OBC 533 Negotiations OR Spring 20 / Blended / Fri.

**FINANCE CORE  
COURSES (1)**

*Select 1 course from the list below: Choose either the Business Core or Finance Core in Spring 20*

FIN 500 Financial Information and Management

ACC 500 Accounting and Finance Fundamentals (1 credit) Spring 20 / Blended / Fri.  
 and

ACC 502 Financial Intelligence and Strategic Decision Making (2 credits) “ “

**ELECTIVES (3)**

*Select 3 courses from the list below:*

***Design Courses***

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.

**COURSE NUMBER & TITLE**

**CREDIT HOURS**

**TRANSFER OR WAIVER**

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(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 Innovation with User Experience.

**ADVISOR'S SIGNATURE:**

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**DATE:**

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