

WPI Foisie Business School
Curriculum Plan for Master of Science in
OPERATIONS ANALYTICS & MANAGEMENT
 (12 courses, 36 credits)

NAME _____

DATE ADMITTED Suggested sequence for students entering Fall 2020

ADVISOR _____

Proposed Course of Study: COURSE NUMBER & TITLE SEMESTER

REQUIRED COURSES (8)

OBC 505 Teaming and Organizing for Innovation Fall 20 / Mon. 6 – 9 PM

OIE 501 Designing Operations for Competitive Advantage Fall 20 / Wed. 6 – 9 PM

OIE 542 Risk Management and Decision Analysis

OIE 544 Supply Chain Analysis and Design

OIE 552 Modeling and Optimizing Processes Fall 20 / six Sat. 9:00 AM – 3:00 PM
8/29/20 – 10/10/20

OIE 554 Global Operations Strategy

CHOOSE 1 (the other may be used as an elective):

MIS 500 Innovating with Information Systems

MIS 571 Database Applications Development

CHOOSE 1 (the other may be used as an elective):

OIE 555 Lean Process Design

OIE 558 Designing and Managing Six-Sigma Processes

ELECTIVES (4)

Select 4 courses from the list below:

BUS 522 Global Business Experience

BUS 545 Introduction to Health Systems

BUS 546 Managing Technological Innovation

BUS 547 Energy Management

BUS 598 Sp Top: Introduction to Sustainability Management

BUS 5900 Internship

MIS 573 System Design and Development

MIS 576 Project Management

MIS 581 Information Technology Policy and Strategy

MIS 582 Information Security Management

MIS 583 User Experience Applications

MIS 584 Business Intelligence

MIS 585 User Experience Design

(over)

MKT 568 Data Mining Business Applications

OBC 506 The Heart of Leadership: Power, Reflection and Interpersonal Skills

OBC 533 Negotiations

OBC 536 Organizational Design

OBC 537 Leading Change

OIE 548 Productivity Management

OIE 553 Global Purchasing and Logistics

OIE 556 Health Systems Modeling and Improvement

OIE 559 Optimization Methods for Business Analytics

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

(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 Operations Analytics and Management.

ADVISOR'S SIGNATURE: _____

DATE: _____

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