

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

NAME _____

DATE ADMITTED _____ Spring 2021 _____

ADVISOR _____

Proposed Course of Study: COURSE NUMBER & TITLE SEMESTER

REQUIRED COURSES (8)

OBC 505 Teaming and Organizing for Innovation Spring 21 / Online

OIE 501 Operations Management Spring 21 / Online

OIE 542 Risk Management and Decision Analysis _____

OIE 544 Supply Chain Analysis and Design _____

OIE 552 Modeling and Optimizing Processes _____

OIE 554 Global Operations Strategy _____

OIE 558 Designing and Managing Six-Sigma Processes Spring 21 / Online

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

MIS 500 Innovating with Information Systems _____

MIS 571 Database Applications Design and Development _____

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 Policy and Strategy for Information Technology and Analytics _____

MIS 582 Information Security Management _____

MIS 583 User Experience Applications _____

MIS 584 Business Intelligence _____

MIS 585 User Experience Design _____

- MKT 568 Data Mining Business Applications
- OBC 506 Leadership
- OBC 533 Negotiations
- OBC 536 Organizational Design
- OBC 537 Leading Change
- OIE 548 Performance Analytics
- OIE 553 Global Purchasing and Logistics
- OIE 556 Health Systems Modeling and Improvement
- OIE 559 Optimization for Business Analytics
- OIE 598 ST: Sustainable Supply Chain & Operations Management

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.