

WPI Foiese Business School
Curriculum Plan for Master of Science in
BUSINESS ANALYTICS
(11 courses, 33 credits)

NAME _____

DATE ADMITTED _____ Spring 2021 _____

ADVISOR _____

Proposed Course of Study: COURSE NUMBER & TITLE _____ SEMESTER _____

REQUIRED CORE COURSES (3)

MIS 584 Business Intelligence _____ Spring 21 / Online

OIE 552 Modeling and Optimizing Processes _____

MIS 502 Data Management for Analytics _____

MSBA students must complete two, three-course specialties, selected from the following:

*For Spring 2021 - select 2 courses,
depending on desired specialties.*

SPECIALTY IN ADVANCED BUSINESS ANALYTICS METHODS

MIS 587 Business Applications in Machine Learning _____

OIE 559 Optimization for Business Analytics _____

MKT 562 Marketing Research _____

SPECIALTY IN MARKETING ANALYTICS

MKT 500 Marketing Strategy _____ Spring 21 / Online.
(recommended for students with no marketing background)

or

MKT 561 Consumer Behavior and Analytics _____

MKT 565 Digital and Social Media Marketing and Analytics _____ Spring 21 / Online

MKT 568 Data Mining Business Applications _____ Spring 21 / Online

SPECIALTY IN OPERATIONS ANALYTICS

Select 3 courses from the list below:

OIE 501 Operations Management _____ Spring 21 / Online
(recommended for students with no operations background)

OIE 542 Risk Management and Decision Analysis _____

OIE 544 Supply Chain Analysis and Design _____

OIE 548 Performance Analytics _____ Spring 21 / Online

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

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

OBC 505 Teaming and Organizing for Innovation _____

BUS 596 Master of Science Capstone Project _____

Additional recommendation for on campus, international MSBA 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 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 Business Analytics.

ADVISOR'S SIGNATURE: _____

DATE: _____

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