



International students can take no more than one online course per semester

STUDENT NAME		STUDENT ID	
ADVISOR		START TERM	FALL 2024

	Fall 2024	Spring 2025	Summer 2025 (TBD)	Fall 2025 (TBD)	Spring 2026 (TBD)
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REQUIRED COURSES

MIS 502 Data Management for Analytics	Online-asynchronous	On-Campus			
OIE 552 Modeling and Optimizing Processes	On-Campus Online (Fall B term)				
MIS 584 Business Intelligence	On-Campus Online	On-Campus			

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

SPECIALTY IN ARTIFICIAL INTELLIGENCE IN BUSINESS

MIS 587 Business Applications in Machine Learning		On-Campus Hybrid			
<i>Select one of the following:</i>					
MIS 520 Artificial Intelligence and its Ethical Implications in Business	B-Term On-Campus				
MIS 581 Policy and Strategy for Information Technology, Artificial Intelligence, and Analytics		Hybrid Online-asynchronous			
<i>Select one of the following:</i>					
MIS 510 Business Application of Blockchain Tech		C-Term On-Campus			
MKT 562 Marketing Research	On-Campus				
MKT 568 Marketing Analytics	On-Campus				
OIE 552 Modeling and Optimizing Processes	On-Campus Online (Fall B term)				

SPECIALTY IN ADVANCED BUSINESS ANALYTICS METHODS

MIS 587 Business Applications in Machine Learning		On-Campus Hybrid			
MKT 562 Marketing Research	On-Campus				
OIE 559 Advanced Prescriptive Analytics: From Data to Impact					
MIS 571 Database Applications Design and Development	Hybrid				

SPECIALTY IN MARKETING ANALYTICS

MKT 568 Marketing Analytics	On-Campus				
<i>Select two of the following:</i>					
MKT 500 Marketing Strategy	On-Campus	Online-asynchronous			
MKT 561 Consumer Behavior and Analytics	Online-asynchronous				
MKT 565 Digital and Social Media Marketing		On-Campus			

SPECIALTY IN OPERATIONS ANALYTICS

<i>Select three of the following:</i>					
OIE 501 Operations Management <i>(Recommended for students with no operations background)</i>	On-Campus	Online-asynchronous			
OIE 544 Supply Chain Analysis and Design	Hybrid				
OIE 558 Designing and Managing Lean and Six-Sigma Processes	On-Campus Online (Fall A term)				
OIE 548 Performance Analytics		Online-asynchronous (prereq 501)			



OIE 542 Risk Management and Decision Analysis	On-Campus	On-Campus			
REQUIRED CAPSTONE COURSES					
OBC 505 Teaming and Organizing for Innovation (recommended 1 st , 2 nd , or 3 rd semester)	Online	On-Campus			
BUS 596 Master of Science Capstone Project (one of the final classes in the program)		Hybrid			Hybrid



THE BUSINESS
SCHOOL

**MASTER OF SCIENCE IN BUSINESS ANALYTICS
Curriculum Plan (11 courses, 33 credits)**

- **COURSE DELIVERY MODES:**
 - Online Courses: All online courses are offered asynchronously.
 - On Campus Courses: Meet in person at specific times on a weekly basis.
 - Hybrid Courses: Combine synchronous and asynchronous course delivery. On campus meeting times vary by course.
 - Please refer to WPI Business School course offerings and schedule <http://courselistings.wpi.edu>
- **DECLARATION OF SPECIALTY:** All incoming full-time students are required to declare a specialty, latest by add/drop of first semester. Second specialty must be declared, latest by add/drop of third semester.
- **INTERNATIONAL STUDENTS:** On campus, international students are encouraged to complete an internship for zero credits to ensure their readiness for employment in the U.S.
- **APPROVAL:** Students must have their individual curriculum plan reviewed and approved by the WPI Business School Programs Office.
For more information, contact: WBSGradAdvising@wpi.edu