



Curriculum Plan (11 courses, 33 credits)

STUDENT NAME		STUDENT ID	
ADVISOR		START TERM	Fall 2023

	Fall 2023	Spring 2024	Fall 2024	Spring 2025
REQUIRED COURSES				
MIS 510 Business Application of Blockchain Tech [New Spring 2024]		On campus (7 wk: D Term)		On campus (7 wk: D Term)
MIS 520 Artificial Intelligence and its Business Applications [New Spring 2024]		On campus (7 wk, C -Term)		On campus (7 wk: C Term)
MIS 587 Business Applications in Machine Learning	Hybrid		Hybrid	
MSBA students must complete two, three-course specialties, selected from the following:				
Specialty in Advanced Financial Mathematics (select 3)				
Choose one of the below:				
FIN 530 Cryptocurrencies and Financial Markets [New Fall 2023]	On campus (7 wk: B term)		On campus (7 wk: B term)	
FIN 540 Financial Analytics [New Fall 2025]				
Choose two of the below:				
MA 571 Financial Mathematics I	Please check course offerings in Workday Academics Application and courselistings.wpi.edu			
MA 572 Financial Mathematics II				
MA 573 Computational Methods of Financial Mathematics				
MA 574 Portfolio Valuation and Risk Management				
MA 575 Market and Credit Risk Models and Management				
MA 590 Computational Statistics				
Specialty in FinTech Analytics (select 3)				
Choose one of the below:				
FIN 530 Cryptocurrencies and Financial Markets [New Fall 2023]	On campus (7 wk B term)		On campus (7 wk B term)	
FIN 540 Financial Analytics [New Fall 2025]				
Choose two of the below:				
MIS 502 Data Management for Analytics	Online	Online	On campus	Online
MIS 571 Database Applications Development	Online	On campus		Online
MIS 584 Business Intelligence	Online	On campus	Online	On campus
OIE 559 Adv Perspective Analytics: From Data to Impact	On campus (7 wk; A Term)		On campus (7 wk; A Term)	
DS 502 Statistical Methods for Data Science	Please check course offerings in Workday Academics Application and courselistings.wpi.edu			
DS 503 Big Data Management				
DS 541 Deep Learning				
SPECIALTY IN FINTECH DEVELOPMENT (select 3)				
Choose one of the below:				
FIN 530 Cryptocurrencies and Financial Markets [New]	On campus (7 wk: B term)		On campus (7 wk: B term)	
FIN 540 Financial Analytics [New Fall 2025]				
Choose two of the below:				
MIS 583 User Experience Applications		Hybrid	On campus	Hybrid
CS 5007 Intro to Prog Concepts, Data Struct and Algorithms	Please check course offerings on Workday Academics Application and courselistings.wpi.edu			
CS 5008 Networks and Systems				
CS 5084 Intro to Algorithms: Design and Analysis				
CS 513 Computer Networks				
CS 528 Mobile and Ubiquitous Computing				
CS 573 Data Visualization				
CS 578 Cryptography and Data Security				
REQUIRED CAPSTONE COURSES				
OBC 505 Teaming and Organizing for Innovation (any semester)	Online	On campus	Online	On campus
BUS 596 Master of Science Capstone Project (taken in 2 nd year)				Hybrid

NOTES:

- COURSE DELIVERY MODES:**
 - Online Courses: All online courses offered are asynchronous.
 - On Campus Courses: Meet synchronously and 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 schedule Course offerings for AY23-24, 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.
- **TRANSFER CREDITS:** Students awarded transfer credit must secure approval for list the approved courses and credit hours.
- **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, and approval:

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