

# Full-Time MBA STEM-Designated Core & Elective Courses

Olin's full-time MBA curriculum includes 79 core and elective STEM-designated courses.



ACCOUNTING					
ACCT 5011	Financial Accounting	●		●	
ACCT 5012	Strategic Cost Analysis	●		●	●
ACCT 501B	Financial Accounting B			●	
ACCT 502	Managerial Control Systems			●	●
ACCT 503	Business Analysis Using Financial Statements			●	
ACCT 503B	Advanced Business Analysis Using Financial Statements			●	
ACCT 505	Advances in Managerial Accounting			●	●
DATA ANALYTICS					
DAT 500N	Prescriptive Analytics		●	●	●
DAT 500S	Predictive Analytics/Machine Learning	●	●	●	●
DAT 500W	A/B Testing in Business & Social Science	●	●	●	●
DAT 537	Data Analysis, Forecasting & Risk Analysis	●	●	●	●
DAT 5410	Data Analytics for Business Leaders	●	●	●	●
DAT 560E	Data Visualization for Business Insights	●	●	●	
DAT 560G	Database Design & SQL	●	●	●	
DAT 560M	Big Data & Cloud Computing	●	●	●	●
DAT 560N	Introduction to Cybersecurity				●
DAT 561	Introduction to Python & Data Science	●	●	●	●
DAT 562	Text Mining	●	●	●	●
DAT 565E	Deep Learning	●	●	●	●
FINANCE					
FIN 500K	Finance Practicum	●	●	●	●
FIN 500Q	Quantitative Risk Management	●	●	●	●
FIN 500V	Risk Management & Insurance	●	●	●	●
FIN 5203	Financial Management	●	●	●	●
FIN 523B	Mergers & Acquisitions	●	●	●	●
FIN 524	Options & Futures	●	●	●	●
FIN 524B	Derivative Securities	●	●	●	●
FIN 525	Fixed Income Securities	●	●	●	●
FIN 528	Investments Praxis	●	●	●	●
FIN 532	Investment Theory	●	●	●	●
FIN 532B	Data Analysis for Investments	●	●	●	●
FIN 533	Valuing Strategic Corporate Investments			●	●
FIN 534	Advanced Corporate Finance I			●	●
FIN 534B	Advanced Corporate Finance II			●	●
FIN 534C	Advanced Corporate Finance III			●	●
FIN 537	Advanced Derivative Securities		●	●	●
FIN 539	Mathematical Finance			●	●
FIN 550F	Financial Tech, Methods & Practice	●	●	●	●
FIN 551B	Fixed Income & Derivatives Modeling	●	●	●	●
FIN 555	Risk Management	●	●	●	●
FIN 576A	Research Methods in Finance	●	●	●	●
MANAGERIAL ECONOMICS					
MEC 531	The Global Economy			●	●
MEC 538	Economics of the Organization			●	
MEC 538B	Compensation, Incentives & Organizations			●	
MEC 5400	Managerial Economics	●		●	●
MEC 595	Game Theory for Business			●	●

MANAGEMENT					
MGT 521	Introduction to Entrepreneurship			●	●
MGT 524	The Hatchery			●	●
MGT 5311	Introduction to Management & Strategy	●	●	●	●
MGT 534	Corporate Strategy		●		
MGT 558	Managing the Innovation Process		●		
MGT 560P	Business Models in a Global Context	●	●	●	●
MGT 560R	General Management Practice for International Business	●		●	●
MGT 560V	Values-Based, Data-Driven Decision-Making	●	●		
MGT 562	Critical Thinking Processes & Modeling	●	●	●	●
MARKETING					
MKT 500T	Customer Analytics	●	●	●	●
MKT 500U	Digital Marketing		●	●	●
MKT 5503	Marketing Management	●	●	●	●
MKT 555	Analytics-Driven Brand Management	●	●	●	●
MKT 555A	Data Analysis for Brand Management	●	●	●	●
MKT 558	Pricing Strategies				●
MKT 558B	Pricing Decision-Making & Implementation				●
MKT 559	Creating & Marketing Innovative Products & Services	●	●	●	●
MKT 559B	Marketing Strategies for Innovative Products & Services	●	●	●	●
MKT 571A	Marketing Research I	●	●	●	●
MKT 571B	Advanced Marketing Research	●	●	●	●
MKT 577	Marketing Strategy	●	●	●	●
ORGANIZATIONAL BEHAVIOR					
OB 500E	Talent Analytics	●	●	●	●
OB 535	People Metrics	●			
OPERATIONS & MANUFACTURING MANAGEMENT					
OMM 500D	Project Management	●		●	●
OMM 500E	Supply Chain Risk Management	●			●
OMM 500M	Supply Chain Analytics: Stochastic Models	●	●	●	●
OMM 501	OMM & Supply Chain Practicum	●	●	●	●
OMM 554	Operations Planning & Control	●	●	●	●
OMM 558	Advanced Operations Strategy	●	●	●	●
OMM 5704	Operations Management	●	●	●	●
OMM 572	Lean & Six Sigma for Process Improvement	●		●	●
OMM 573	Operations Management in the Service Industry	●		●	●
OMM 576	Foundations of Supply Chain Management	●		●	●
OMM 577	IT & Supply Chain Management				●

KEY	● Core	● Forecasting
	● Application of Statistical Modeling	● Mathematical Techniques
	● Data Warehousing	● Optimization
	● Data Mining	● Dynamic Modeling
	● Programming	● Operations Analysis