

BUSINESS ANALYTICS (BA) MINOR - NYC

Campus: NYC

The Business Analytics minor is designed to enable non-Business Analytics majors to achieve competency in quantitative modeling and data analysis that will enhance their career preparation. This minor will provide students with the tools and skills needed to use quantitative data effectively in making business decisions in any field.

The minor consists of five courses with minimum of 15 credits.

Minor Requirements

Code	Title	Credits
Required Courses		
MGT 226	Business Analytics	3
Select one of the following:		2-4
CIS 143	Introduction to SQL for Business	
MGT 227	Introduction to SQL for Business	
CIT 241	Database Management	
Group 1: Select any two courses from the following:		6-8
MGT 251	Introduction to Programming for Data Science	
or CIT 201	Introduction to Programming Using Python	
MGT 353	Predictive Analytics	
MGT 356	Simulation and Risk Analysis	
MGT 386	Optimization Models	
MGT 388	Machine Learning for Business	
or CIT 348	Data Mining	
MAR 368	Visual Analytics	
Group 2: Select any one course from the following:		3-4
One from Group 1		
ACC 375	Accounting Information Systems	
CS 325	Introduction to Data Mining	
CS 387	Database Design	
CIT 346	Database Programming	
ECO 385	Econometrics: Models and Organizations	
FIN 325	Data Analysis in Finance	
MGT 350	Operations and Supply Chain Management	
MGT 357	Project Management for Business	3
MAT 218	Applied Regression Models	
MAT 222	Applied Multivariable Statistical Methods	
Total Credits		17-22

NOTES:

MGT 226 is a pre-requisite for MGT 350, MGT 353, MGT 356, and MGT 386.

For students interested in learning and applying Python, a sequence of MGT 251 (or CIT 201) followed by MGT 388 is recommended. For advanced Excel applications, MGT 356 and MGT 386 are recommended.