Online Master of Science in Business Analytics
Curriculum Planner, 2023-24

The University at Buffalo School of Management continuously strives to comply with Web Content Accessibility Guidelines to make documents accessible to visitors with disabilities using assistive technology. If you need help accessing any of this document's content, contact the School of Management Graduate Programs Office at 716-645-3200 or by email at mgt-omsba@buffalo.edu.

CORE CURRICULUM (12 credits)

Course Number	Course Title	Credits
MGQ 606	Statistical Foundations of Analytics	3
MGS 613	Database Management Systems	3
MGS 617	Spreadsheet and Statistical Programming for Business	3
MGS 626	Data Visualization	1.5
MGS 649	MS Practicum (culminating experience)	1.5

FOUNDATIONAL ANALYTICS FLEXCORE (6 credits)

Course Number	Course Title	Credits
MGG 633	Model Managerial Process (Data Modeling)	3
MGS 616	Predictive Analytics	3

APPLIED DOMAIN ANALYTICS FLEXCORE (3 credits)

Choose 1 course
Availability varies by session and is subject to change.

Course Number	Course Title	Credits
MGB 626	People Analytics	3
MGF 634	Quantitative Methods in Finance	3
MGM 653	Digital Marketing Analytics	3
MGO 636	Supply Chain Analytics	3
MGS 670	Health Care Analytics	3

ELECTIVES (9 credits)

Choose 3 courses
Availability varies by session and is subject to change.

Course Number	Course Title	Credits
MGM 652	Consumer Insights	3
MGO 630	Operations and Service Management	3
MGO 634	Project Management	3
MGX ###	Course(s) not taken from Applied Domain Analytics Flexcore	3 - 9

SUMMARY

12 core credits + 6 foundational flexcore credits + 3 analytics flexcore credits + 9 elective credits = 30 credits required for degree

NOTE REGARDING ELECTIVES

Any Applied Domain Analytics Flexcore course that isn't used toward the Applied Domain Analytics Flexcore requirement can be taken as an elective. Additional elective courses are also available.