

MANAGEMENT INFORMATION SYSTEMS - BUSINESS ANALYTICS CONCENTRATION

Department: Management Information Systems (<https://catalog.bradley.edu/undergraduate/business/management-information-systems/>)

The concentration in business analytics prepares graduates for positions in which professionals help businesses make critical data-driven decisions. This includes the ability to collect, distribute and share data throughout an organization, apply text and visual analytical techniques and implement unique hardware and software.

Major requirements may be found at Management Information Systems Major (<https://catalog.bradley.edu/undergraduate/programs/management-information-systems-major/#requirementstext>).

Code	Title	Hours
Major Requirements		28
Required Courses		
CS 141	Introduction to Python Programming	3.0
Q M 263	Quantitative Analysis II	3.0
MIS 272	Business Analytics Tools and Techniques	3.0
MIS 374	Database Management and Administration	3.0
MIS 375	Business Systems Analysis and Design	3.0
MIS 471	Applied Machine Learning for Business	3.0
MIS 473	Data Visualization for Business Analytics	3.0
MIS 490	Capstone Project for Business Analytics	3.0
Elective Courses (choose one):		3.0
COM 326	Digital Analytics	
CS 360	Fundamentals of Data Science	
ATG 448	Computer Assisted Audit Techniques	
Course approved by the Department Chair		
Students must also complete the Foster College's business core.		