Business Analytics Masters

Department Information

- **Department Web Site:**
  ndsu.edu/business/programs/graduate/msba/ (http://ndsu.edu/business/programs/graduate/msba/)
- **Application Deadline:**
  Rolling admission schedule
- **Credential Offered:**
  M.S.
- **Test Requirement:**
  GMAT or GRE
- **English Proficiency Requirements:**
  TOEFL ibt 79; IELTS 6.5; Duolingo 105
- **Program Overview:**
  ndsu.edu/programs/graduate/business-analytics (http://ndsu.edu/programs/graduate/business-analytics/)

Apply Now (https://ndsugrad.my.site.com/Application/TX_SiteLogin/?startURL=/Application/TargetX_Portal__PB)

MSBA Program Curriculum (30 credits):

Code	Title	Credits
Core Courses		
Choose 21-22 credits from the following courses.		21-22
CSCI 765	Introduction to Database Systems	
or MIS 710	Database Management	
STAT 725	Applied Statistics	
MBA 722	Marketing Analytics and Customer Intelligence	
MBA 723	Digital Marketing	
MBA 751	Business Analytics Concepts	
MBA 752	Business Analytics Strategy	
MBA 753	Business Analytics Methods	
MIS 720	Data Visualization	
MIS 740	Predictive Analytics	
MIS 790	Graduate Seminar	
Elective Course Options		
Choose eight or nine credits from the following options.		8-9
ACCT 611	Advanced Fraud Examination via Data Analytics	
CSCI 724	Survey of Artificial Intelligence	
CSCI 779	Advanced Machine Learning	
IME 672	Simulation of Business and Industrial Systems	
IME 774	Neural Networks	
MIS 705	Programming for Business Analytics	
SOC 670	Social Data Analysis	
STAT 671	Introduction to the R Language	
STAT 726	Applied Regression and Analysis of Variance	
TL 735	Practical Data Analytics	
Any 600- or 700-level courses offered by the College of Business, upon approval from the AIS graduate program director.		
Total Credits		**30**

Admission and Application Requirements

- Graduate School admission and application requirements are found on the Admission Information (http://catalog.ndsu.edu/graduate/admission-information/) page.
- Applicants may request a waiver of the GMAT/GRE requirement if they meet either of the following requirements:

  - The applicant holds a terminal degree (e.g., Ph.D., M.D., J.D.).
  - The applicant has a minimum of five (5) years of recent, post-bachelor's, full-time, professional work experience that is relevant to business analytics and data science
- Applicants should request the waiver in their Statement of Purpose and provide the rationale for the waiver request. Applicants are reviewed on a case-by-case basis, and waiver approval is determined at the discretion of the MSBA program coordinator.