

# Business Analytics

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## Department Information

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- **Credential Offered:**  
M.S.
- **Test Requirement:**  
GMAT or GRE
- **English Proficiency Requirements:**  
TOEFL ibt 79; IELTS 6.5; Duolingo 105

The Master of Science in Business Analytics (MSBA) program at North Dakota State University (NDSU) is a non-thesis, professional program structured to serve qualified students with undergraduate degrees in a variety of fields, although it may be particularly attractive to students with undergraduate degrees in business, computer science, engineering, and statistics. The program is designed to provide students with advanced applied problem solving skills and an understanding of business analytics methodologies and tools mastery. Students get hands-on experience with the most up-to-date tools and methodologies for data management, data modeling, visualization, and data mining.

NDSU business analytics faculty use a variety of teaching methods including case studies, group and individual projects, computer applications, student presentations, and discussion. Many classes take place in the Barry Hall computer labs. The program has a significant capstone experience where students work with local companies analyzing real data and solving real-world problems with data. The program is designated as a STEM program reflecting the technical nature of current data analytics practices.