

## DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

### Bachelor of Science Degree Information Analytics

Data scientists are quickly becoming an important part of the business world, and the BS in Information Analytics will prepare you to be at the forefront of this emerging career path. If you are interested in math, computer science, and business, then this degree is for you. Information Analytics combines these three subjects into one program with a focus on data mining and meta data. It is the only undergraduate program of this nature within 300 miles, and it is designed to prepare you to make data-driven business decisions. Graduating with this degree will prepare you for careers with job titles similar to “Business Analyst”, “Data Analyst”, and “Business Intelligence Analyst.”



*The following information is for reference and may not be current.  
Official degree requirements can be found in the current Dickinson State University catalog.*

### DEGREE REQUIREMENTS

- General Education Courses
- Major Courses
- Minor Courses
- Electives

DEGREE ALSO AVAILABLE IN BISMARCK

**TOTAL CREDITS  
REQUIRED  
FOR GRADUATION**

**120**

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#### MAJOR COURSES

ACCT 200	Elements of Accounting I	3
ACCT 201	Elements of Accounting II	3
BADM 336	Management and Leadership	3
BADM 388	Management Information Systems	3
BOTE 247	Spreadsheet Applications	3
CSCI 160	Computer Science I	4
CSCI 161	Computer Science II	4
CSCI 181	Web Management	3
CSCI 200	Database Software Applications	3
CSCI 303	Scripting Programming	3
CSCI 360	Database Management	4
CSCI 485	Data Mining	4
CSCI 486	Social Implications of Computing	3
CSCI 491	Computer Science Seminar	3
ECON 201	Principles of Microeconomics	3
ECON 202	Principles of Macroeconomics	3
MATH 146	Applied Calculus or MATH 165 - Calculus I	3 (4)
MATH 305	Probability and Statistics	4
MRKT 301	Principles of Marketing	3

#### COMPUTER SCIENCE ELECTIVES 3

*Select three additional credit hours other than CSCI 101 or CSCI 120*