

DATA ANALYTICS, MINOR

The data analytics minor prepares students across all industries to leverage the power of big data to identify and solve problems and improve decision-making. Students will be on the leading edge of this growing field after completing the program. They will learn a variety of data analytic techniques such as Excel decision making models, data analytics programming with Python, SQL database management, data visualization with tools such as Tableau, and more advanced technologies such as cloud computing, artificial intelligence, and deep learning.

Specific Program Requirements

(This minor is open to all majors except CIS with a Data Analytics Concentration)

Course	Title	Credits
BSAD 265	Inferential Statistics & Problem Solving	3
BSAD 360	Advanced Business Statistics	3
CIS 250	Introduction to Business Analytics	3
CIS 350	Database Management	3
CIS 365	Management Information Systems	3
CIS 450	Advanced Data Analytics	3
MGMT 201	Principles of Management	3
Total Credits		21

¹ For BSAD 265 Inferential Statistics & Problem Solving (3 c.h.) substitution include one of the following: MATH 156 Introduction to Statistics (GT-MA1) (3 c.h.) or EN 275 Stochastic Systems (4 c.h.).

² For BSAD 360 Advanced Business Statistics (3 c.h.) substitution include one of the following: MATH 356 Statistics for Engineers & Scientists (3 c.h.), EN 375 Stochastic Systems Engineering (3 c.h.), PSYC 209 Quantitative Research II (3 c.h.), NSG 371 Healthcare Informatics (2 c.h.), or EPER 343 Research and Statistics (3 c.h.).