Business Analytics Minor Requirements

Business Analytics is a data-driven field. It is a practical application of statistical analysis that focuses on providing actionable recommendations. Combining the fields of business and computer science, students gain an understanding of the business process, while learning data, statistics and computer science. By learning from existing data, business analytics can make concrete recommendations to solve problems and improve business.

Required Business Analytics Minor Core Courses – 9 credits

CPSC 105 Introduction to Data Visualization (3 credits)
CPSC 223 Advanced Scientific Programming (3 credits)
MGMT 351 Operations Management (3 credits)

Business Applications Minor Elective Courses – 3 credits

Choose one
BUSN 310 Business Intelligence (3 credits)
ECON 345 Econometrics (3 credits)

Management Science Minor Elective Courses – 3 credits

Choose one
SCMG 362 Supply Chain Analytics (3 credits)
MATH 362 Mathematical Methods in Operations Research II (3 credits)

Advanced Analytics Minor Elective Courses – 3 credits

CPSC 458 Data Mining and Predictive Analysis (3 credits)
CPSC 459 Introduction to Big Data (3 credits)

Program Plan Code: BSAN
Effective Date: Spring 2021

Business Analytics Minor Checksheet

Student Name: Student ID Number:

This checksheet provides a mechanism for students and advisors to keep track of a student's progress in the program. Please refer to the program requirements for more details regarding options.

Note that most courses in this minor have prerequisites. Please check MyKU for specific prerequisites.

Required Business Analytics Minor Core Courses - 9 credits

CPSC 105 Introduction to Data Visualization	3 credits	Grade:
CPSC 223 Advanced Scientific Programming	3 credits	Grade:
MGMT 351 Operations Management	3 credits	Grade:
Total Credits	9 total credits	

Business Applications Elective Course - 3 credits

Choose one

BUSN 310 Business Intelligence	3 credits	Grade:
ECON 345 Econometrics	3 credits	Grade:
Total Credits	3 total credits	

Management Science Elective Course - 3 credits

Choose one

SCMG 362 Supply Chain Analytics	3 credits	Grade:
MATH 362 Mathematical Methods in Operations Research II	3 credits	Grade:
Total Credits	3 total credits	

Advanced Analytics Elective Course - 3 credits

Choose one

CPSC 458 Data Mining and Predictive Analysis	3 credits	Grade:
CPSC 459 Introduction to Big Data	3 credits	Grade:

Summary of Graduation Requirements

Total credits from minor courses	**18**

Program Plan Code: BSAN
Effective Date: Spring 2021