

BUSINESS DATA ANALYTICS, MINOR

Minor in Business Data Analytics (325005M)

The 18-credit Minor in Business Data Analytics is designed for students who want to complement their current major with a skill set that includes data sourcing and acquisition, application of economic theory and statistical techniques to analyze business data, and proficiency in data analytic software packages used in the workplace. A Minor in Business Data Analytics will complement a students' current major and enhance their resume when they enter the job market which has a high demand for professionals who can gather, sort, and interpret data to help businesses solve problems and operate more effectively. A wide variety of data analytic electives from different fields can be selected in consultation with your academic advisor to meet your specific program needs and to differentiate your resume from others upon graduation. This Minor in Business Data Analytics can be paired with majors such as Accounting, Finance, Marketing, Sport Business, Applied Mathematics, Statistics, and various engineering fields.

Requirements for Admission

Students need to meet with an advisor in the College of Business to declare this minor. No specific requirements needed.

College of Business Undergraduate Programs

<http://www.uakron.edu/business/advising> (<http://www.uakron.edu/business/advising/>)

(330) 972-7042

Email: Business Advising (businessadvising@uakron.edu)

College of Business room 260

The following information has official approval of **The Department of Economics** and **The College of Business**, but is intended only as a guide. Completion of this minor is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.

Please refer to the University Requirements for Minor Areas of Study (<https://bulletin.uakron.edu/undergraduate/important-policies/graduation-requirements/#minor-req>) for specific graduation information regarding minors.

Summary

Code	Title	Hours
Required Courses		9-12
Electives		9-6
Total Hours		18

Required Courses

Code	Title	Hours
ECON 200 & ECON 201 or ECON 244	Principles of Microeconomics and Principles of Macroeconomics ¹ Introduction to Economic Analysis	3-6
ECON 325	Applied Econometrics I	3

ECON 427	Economic Forecasting	3
Total Hours		9-12

¹ Choose either [ECON 200 & ECON 201] or ECON 244

Electives

Code	Title	Hours
Complete 6–9 credits of the following electives: ¹		9-6
ECON:xxx	Economics courses ²	
ACCT 450	Advanced Applied Analytics & Decision Analysis	
ACCT 454	Information Systems Security	
FIN 302	Intermediate Corporate Finance	
FIN 343	Investments	
FIN 489	Advanced Financial Analytics	
ISM 325	Systems, Analysis, & Design	
ISM 425	Decision Support with Data Warehousing & Data Mining	
SCM 333	Supply Chain and Operations Analysis	
SCM 390	Supply Chain Modeling and Decision Making	
MKTG 375	Marketing & Sales Analytics	
STAT 485	Applied Analytics-Decision Trees	
STAT 484	Introduction to Machine Learning	
Total Hours		9-6

¹ Relevant electives outside of the College of Business are accepted as a substitute if approved by the Economics Department.

² At least 3 credits beyond the required economics classes have to be at ECON:3xx level and above. All students are encouraged to consult with their academic advisor about the best choice of coursework.