Business Analytics Minor

For information, contact the Department of Information Systems and Analytics, 3095 FSB, 513-529-4826.

The business analytics minor complements many majors (including all business majors) by providing the managerial, analytical, and technical skills needed to gather data in real-time, store and organize the data, analyze the data using quantitative methods, and use the resulting information to make decisions that will allow an organization to gain competitive advantage. Coursework includes fundamental information technology and statistical concepts, database management and data warehouses, regression analysis in business, optimization of business systems using management science models, analysis of large data sets using data mining and business intelligence techniques.

For details regarding admission to FSB minors and availability of coursework, please refer to the information at the beginning of this section (under Farmer School of Business "Minors").

Note: For Information Systems and Cybersecurity Management majors at least 9 credit hours beyond the business core must be courses not double counted toward the major.

Note: For Statistics majors at least 12 credit hours must be courses taught by Farmer School Faculty.

Program Requirements for the Business Analytics Minor

(21 semester hours)

Code	Title	Credit Hours
Analytics Core Courses		
ISA 225	Principles of Business Analytics	3
ISA 235	Information Technology and the Intelligent Enterprise	3
ISA 245	Database Systems and Data Warehousing	3
ISA 291	Applied Regression Analysis in Business [1]	3
or ECO 311	Examining Economic Data and Models	
or STA 463	Regression Analysis	
ISA 401	Business Intelligence and Data Visualization	3
Choose one:		3
STA 404	Advanced Data Visualization	
ISA 321	Optimization in Business Analytics	
ISA 365	Statistical Monitoring and Design of Experiments	
ISA 444	Business Forecasting	
ISA 480	Topics in Business Analytics	
ISA 491	Introduction to Data Mining in Business	
ISA 496	Business Analytics Practicum	
STA 402	Statistical Programming	
STA 483	Analysis of Forecasting Systems	
Choose one: (must differ from first choice)		3
ECO 411	Advanced Empirical Methods	
STA 404	Advanced Data Visualization	
ISA 281	Concepts in Business Programming	
ISA 321	Optimization in Business Analytics	
ISA 365	Statistical Monitoring and Design of Experiments	
ISA 414	Managing Big Data	
ISA 444	Business Forecasting	
ISA 480	Topics in Business Analytics	
ISA 491	Introduction to Data Mining in Business	
ISA 496	Business Analytics Practicum	
STA 402	Statistical Programming	
STA 483	Analysis of Forecasting Systems	
Total Credit Hours		**21**