

BUSINESS ANALYTICS

MINOR

A minor must contain 15-18 semester hours of coursework, including at least 9 hours of upper-division courses at the 3000-4000 level. Courses taken to satisfy Core Areas A through E may not be counted toward completion of the minor, but courses taken in Core Area F may be used to fulfill minor requirements.

FOR BUSINESS MAJORS

The Business Analytics minor offers business majors the opportunity to master business analytics, data mining, and database management systems. This minor provides business students with experience in business processes through simulations to prepare for jobs in information security, computer systems analysis, management or financial analysis. Students learn underlying trends in Big Data to improve organizations' growth and profitability.

Required Courses

BUSA 3532	Bus Analytics/Data Mining	3
LSCM 4255	Business Process Simulations	3
MGIS 3356	Database Management Systems (*)	3
or MGIS 4360	Databases:Big Data & Analytics	

*Non-MGIS Majors should take MGIS 3356. MGIS Majors are required to take MGIS 4360.

Elective Courses

Select two electives:		6
ACCT 3600	Accounting Information Systems	
ECON 4101	Applied Econometrics	
LSCM 4253	Integrated Material/Supply Chn	
LSCM 4503	Quality Management Systems	
MGIS 3352	Management Application Prog I	
MGIS 3353	Management Applications Programming II	
MGIS 4360	Databases:Big Data & Analytics (**)	

**For Non-MGIS majors only.

Total Hours 15

FOR NON-BUSINESS MAJORS

The Business Analytics minor for non-business students provides non-business students the avenue of concentrated training in data analytics. It aims to teach non-business students skills, such as data mining, simulation, database, and optimization, to understand and recognize the opportunities created with analytics and to make better decisions in business.

Some business courses available as electives may require prerequisites beyond what a student is required to take for the minor. Therefore, we encourage students choosing this minor to speak about course selection with the WSOB academic advisor prior to registration. Contact bizadvisor@daltonstate.edu email.

Required Courses

BUSA 3055	Quantitative Analysis Bus Prob	3
BUSA 3532	Bus Analytics/Data Mining	3
MGIS 3356	Database Management Systems *	3

or MGIS 4360 Databases:Big Data & Analytics

*Non-ITEC Majors should take MGIS 3356. ITEC Majors are required to take MGIS 4360.

Elective Courses

Select two electives:		6
ACCT 3600	Accounting Information Systems	
ECON 4101	Applied Econometrics	
LSCM 4253	Integrated Material/Supply Chn	
MGIS 3352	Management Application Prog I	
MGIS 3353	Management Applications Programming II	
MGIS 4360	Databases:Big Data & Analytics **	

**For Non-ITEC majors only.

Total Hours 15