# MANAGEMENT INFORMATION SYSTEMS

## **Bachelor of Business Administration**

The Bachelor of Business Administration in Management Information Systems (MIS) degree prepares graduates for careers in computer programming, systems analysis, design, database administration, and end-user computing support. Careers in MIS are found throughout global business, industry, and government. The management information systems major is a natural fit if you're looking to use your interest in technology in a professional career. According to the Bureau of Labor Statistics, the need for data analysts, database and web developers, software developers, and network professionals continues to increase by 15% per year as daily business becomes more dependent on technology.

The MIS degree combines technical skills in probability, statistics, and programming with professional skills in critical thinking, complex problem-solving, and systems analysis. Career opportunities include Big Data Analytics Specialist, Data Architect, Data Engineer, Information Security Analyst, Business Intelligence Analyst, Business Systems Analyst, Data Analyst, Interface Designer, IT Consultant, Software Engineer, Systems Analyst, and Web Developer.

### **Program Course Requirements**

Click here to view Core IMPACTS General Education Curriculum requirements (http://catalog.daltonstate.edu/programs/coreimpacts/).

#### Program Advice (can share with CORE curriculum):

Required courses with grades of C or better required.			
COMM 1110	Fundamentals of Speech	3	
ECON 2105	Principles of Macroeconomics	3	
MATH 1101	Intro to Mathematical Modeling	3	
or MATH 1111	College Algebra		
or MATH 1113	Precalculus Mathematics		

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#### Core IMPACTS General Education Curriculum requirements

NOTE: Core IMPACTS courses can also satisfy requirements in your Program of Study. Please review the requirements for your major to prevent taking extra courses. The USG Core IMPACTS curriculum is designed to ensure that students acquire essential knowledge in foundational academic areas and develop career-ready competencies. There are seven Core IMPACTS areas. Students at all USG institutions must meet the Core IMPACTS requirements in all specified areas.

#### Field of Study: Major Related\*

ACCT 2101	Principles of Accounting I	3
ACCT 2102	Principles of Accounting II	3
BUSA 2106	The Environment of Business	3
BUSA 2201	Fundamentals of Computer Appli	3
BUSA 2850	Business Statistics	3
ECON 2106	Principles of Microeconomics	3
Business Core*		
BUSA 3060	Business Law	3
BUSA 3301	Business Communications	3

Total Hours	-	120
MGIS 4900	(requires preapproval from Internship Coordinator)	
MGIS 4800	Special Topics in MIS (may occasionally be offered)	
MGIS 4700	Independent Study MGIS (courses available with faculty sponsor)	
MGIS 4358	Web-based MIS (may occasionally be offered)	
Unscheduled Management Ir	nformation Systems Electives	
TIEC 4700	Python Programming	
TTEC 3510	Ethical Hacking	
IFEC 3500	Cybersecurity Operations	
TTEC 3400	Io I: Security	
ITEC 3390	Management of IS Security	
ITEC 1400		
ITEC 1390	Intro to Cybersecurity	
FTA 4100		
FTA 4000		
FTA 4003		
FTA 4002	Commercial Replying in FinTech	
DUSA 3332	bus Analytics/Data Mining	
	Rue Apolitics (Data Mining	
Regularly Offered Courses		D
Choose two of the following	electives	6
Unner Division MCIS Elective	a*	3
MGIS 4701	Systems Analysis & Design	о С
MGIS 4580	Enternrise Management Systems	3
MGIS 4360	Databases: Big Data & Analyt	с 2
MGIS 3356	Database Management Systems	2
MGIS 3353	Management Applications	3
MGIS 3352	Management Application Prog I	3
MGIS 3351	Principles Mgmt Info Systems	3
MNGT 4380	Project Management	3
Management Information Sy	stems Core*	
MNGT 4701	Strategic Management (Senior Requirement) <sup>+</sup>	3
MNGT 3051	Principles of Management	3
MARK 3010	Principles of Marketing	3
LSCM 3251	Principles of Supply Chain Mng	3
FINC 3056	Principles of Finance	3
BUSA 3701	Prof Development Seminar	3
BUSA 3531	Data Cleaning & Visualization	3
BUSA 3351	International Business	3

\* Grade of C or better required.

42

+ Senior Requirement must be completed at Dalton State College during graduation term. If a student is graduating in the summer semester the course must be taken in the spring term.