# Computer Information Systems

## *Regional Campus & Online Degree Completion Program*

The Bauernfeind College of Business, in cooperation with Regional Academic Outreach at Murray State University, has carefully structured a regional campus and online degree completion program in Computer Information Systems.

Students may take courses online or at each of MSU's regional campuses in Henderson, Hopkinsville, Madisonville and Paducah. Murray State University's business programs are accredited by AACSB International - The Association to Advance Collegiate Schools of Business.

### WHY COMPUTER INFORMATION SYSTEMS?

Computer Information Systems graduates have been hired by businesses in the insurance, banking, healthcare, education and service industries. All are involved in the selling, planning, design, management or implementation of software systems.

### WHAT'S IN IT FOR YOU?

You will be working with people, creating new software, training users, designing systems for improving performance and managing projects.

### CAREERS

Business Systems Analyst • Computer Operations Manager
Network Analyst • E-Commerce Developer • Webmaster
Programmer/Analyst • Systems Analyst • Technical Sales

### POSSIBLE MSU COURSE SEQUENCE TO GRADUATION

*Students will start the program in the fall semester.*

***1st Fall - 12 hrs.***
CIS 307
CIS 343
CIS 399
MGT 350
MKT 360

***2nd Fall -12 hrs.***
CIS 420
MGT 590
Restricted Elective
Restricted Elective

***1st Spring - 12 hrs.***
CIS 317
CIS 407
FIN 330
LSC 343

***2nd Spring- 12 hrs.***
BUS 442
CIS 325
ECO 310
Restricted Elective

MURRAY STATE UNIVERSITY

**Center for Undergraduate Business Advising**
**(270) 809-4196**
**msu.business@murraystate.edu**
*murraystate.edu/businessonline*

# CURRICULUM

## KCTCS ASSOCIATE OF ARTS (A.A.) DEGREE

*Students who transfer coursework to KCTCS should work closely with their KCTCS adviser and the Online Business Adviser at MSU to make sure there will not be any issues with the transfer course-work.*

**Written and Oral Communications - 9 hrs.**
*ENG 101 - Writing I (C or better)
*ENG 102 - Writing II (C or better)
Oral Communications course - 3 hrs.

**Arts & Humanities - 6 hrs.**
3 hrs. of Heritage
3 hrs. of Humanities

**Social Interaction - 9 hrs.**
*ECO 201 - Principle of Microeconomics
*ECO 202 - Principle of Macroeconomics
Social & Behavioral Science course - 3 hrs.

**Social & Behavioral Science, Arts & Humanities or Foreign Language - 6 hrs.**
One course must meet Cultural Studies requirement

**Core Requirement or Foreign Language - 3 hrs.**

**Science (must include a lab) - 4 hrs.**

**Mathematics - 6 hrs.**
MAT 150 - College Algebra
*MAT 170 - Brief Calculus with Applications

**Other Required Courses - 37 hrs.**
*ACC 201 - Financial Accounting - 3 hrs.
*ACC 202 - Managerial Accounting - 3 hrs.
*BAS 267 - Introduction to Business Law - 3 hrs.
BAS 282 - Principles of Marketing - 3 hrs.
BAS 283 - Principles of Management - 3 hrs.
*CIT 105 - Introduction to Computers - 3 hrs.
CIT 111 - Computer Hardware and Software – 4 hrs.
CIT 120 - Computational Thinking – 3 hrs.
CIT 143 - C# I – 3 hrs.
CIT 155 - Web Page Development – 3 hrs.
*ENG 203 - Business Writing - 3 hrs.
*STA 220 - Statistics (C or better) - 3 hrs.

**TOTAL KCTCS HOURS - 80 hrs.**

**A cumulative GPA of 2.25 is required in these classes for admission into the program.*

## MURRAY STATE BACHELOR OF SCIENCE IN BUSINESS (B.S.B.) DEGREE

*Please consult the current undergraduate bulletin for more information on admission requirements and other graduation requirements.*

**Business Core Courses - 20 hrs.**
BUS 442 - Business Ethics & Environments - 3 hrs.
CIS 307 - Decision Support Technologies - 3 hrs.
CIS 343 - Business Statistics II - 2 hrs.
ECO 310 - Issues in the Global Economy - 3 hrs.
FIN 330 - Principles of Finance - 3 hrs.
LSC 343 - Fundamentals of Operations - 3 hrs.
MGT 590 - Strategic Management - 3 hrs.

**Computer Information Systems Courses - 13 hrs.**
CIS 317 - Prin. of Info. Sys. Analysis & Design - 3 hrs.
CIS 325 - E-Business Programming - 3 hrs.
CIS 399 - Topics in Information Systems - 1 hr.
CIS 407 - Advanced Database Mgmt. Sys. - 3 hrs.
CIS 420 - Senior Capstone Project - 3 hrs.

**Computer Information Systems Electives - 9 hrs.**
Some courses that meet this requirement include:
CIS 525 - Overview of E-Business Technology
CIS 543 - Data Analysis and Modeling
CIS 548 - Enterprise Resource Planning
TSM 517 - Systems Planning

**TOTAL MSU HOURS - 42 hrs.**

Opportunity *afforded*