Computer Information Systems

Murray State University's 2+2 Program

(Murray Campus, Regional Campus and Online Programs)

The College of Business, in cooperation with Continuing Education and Academic Outreach at Murray State University, has carefully structured an off-campus degree program in Computer Information Systems.

Students may take courses online or at the regional campuses through interactive television. Upper-division courses in the program are offered online and at each of the following Murray State University 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.

The Computer Information Systems program with a Business-Centered option is available via online delivery. Students will need regular access to a computer and broadband internet.

MURRAY STATE UNIVERSITY

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

TENTATIVE COURSE OFFERINGS

	Fall	Spring	Summer
Main Campus	BPA 442 CIS 307 CIS 317 CIS 343 CIS 407 CIS 425 CIS 543 CSC 232 CSC 260 ECO 310 FIN 330 MGT 350 MGT 443 MGT 590 MKT 360 TSM 517 Business elective Technical elective	BPA 442 CIS 307 CIS 317 CIS 325 CIS 332 CIS 343 CIS 399 CIS 407 CIS 420 CIS 548 CSC 232 ECO 310 FIN 330 MGT 350 MGT 443 MGT 590 MKT 360 Business elective Technical elective	BPA 442 CIS 343 ECO 310 FIN 330 MGT 350 MGT 443 MGT 590 MKT 360 Business elective
Regional Campus	BPA 442 (even years only) ECO 310 (odd years only) FIN 330 (even years only) MGT 443 MGT 590 (odd years only) MKT 360 Business elective	CIS 343 (odd years only) FIN 330 (odd years only) MGT 350 Business elective	BPA 442 (odd years only) CIS 343 (even years only) Business elective
Online	CIS 317 CIS 343 CIS 399 CIS 543 ECO 310 FIN 330 MGT 350 MGT 590 MKT 360 TSM 517 Business elective	BPA 442 CIS 307 CIS 407 CIS 420* CIS 548 FIN 330 MGT 350 MGT 443 MKT 360 Business elective	MGT 350 MGT 590 MKT 360 Business elective

**A visit to campus at the beginning and end of the term in which you take CIS 420 is strongly recommended.*

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.

General Education - 9 hrs.
*ENG 101 - Writing I (C or better)
*ENG 102 - Writing II (C or better)
*COM 181 - Basic Public Speaking

Heritage/Humanities - 9 hrs.
3 hrs. of History
3 hrs. of Humanities
3 hrs. of History or Humanities

Social Interaction - 9 hrs.
*ECO 201 - Principle of Economics I
*ECO 202 - Principle of Economics II
Social Interaction course- 3 hrs.

Social Interaction or Heritage/Humanities Elective - 3 hrs.

Science - 6-7 hrs.
2 courses required (one must include a lab)

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

Other Required Courses - 30 hrs.
*ACC 201 - Financial Accounting - 3 hrs.
*ACC 202 - Managerial Accounting - 3 hrs.
*BA 267 - Introduction to Business Law - 3 hrs.
*CIS 100 - Introduction to Computers - 3 hrs.
CIS 148 - Visual BASIC I – 3 hrs.
CIS 120 - Program Design and Development – 3 hrs.
*ENG 203 - Business Writing - 3 hrs.
IT 132 - Web Page Development – 3 hrs.
NIS 160 - Networking Core Technologies – 3 hrs.
*STA 220 - Statistical Method (C or better) - 3 hrs.

TOTAL KCTCS HOURS - 72-73 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 - 26 hrs.
BPA 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.
MGT 350 - Fundamentals of Management - 3 hrs.
MGT 443 - Mgmt. of Operations & Tech. - 3 hrs.
MGT 590 - Strategic Management - 3 hrs.
MKT 360 - Principles of Marketing - 3 hrs.

Computer Information Systems Courses - 10 hrs.
CIS 317 - Prin. of Info. Sys. Analysis & Design - 3 hrs.
CIS 399 - Topic in Information Systems - 1 hr.
CIS 407 - Advanced Database Mgmt. Sys. - 3 hrs.
CIS 420 - Senior Capstone Project - 3 hrs.

Option Courses - 12 hrs.

Business-Centered Option
CIS 543 - Data Analysis and Modeling
CIS 548 - Enterprise Resource Planning
TSM 517 - Systems Planning
Business Elective

****Technology-Centered Option**
CIS 325 - E-Business Programming
CIS 425 - Building E-Business with Web Design
CIS 548 - Enterprise Resource Planning
– or –
CSC 260 - Application Development in COBOL I
CSC 332 - Visual Basic Programming II

TOTAL MSU HOURS - 48 hrs.

**Technology-Centered Option available at Murray campus only

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 and 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