Transfer Pathway

KCTCS Associate in Arts to
Murray State Computer Information Systems

Overview
Completion of the following curriculum will satisfy the requirements for **Associate in Arts** at the Kentucky Community and Technical College System and leads to the Bachelor of Science in Business in **Computer Information Systems** at Murray State University.

Admission Requirements
Murray State University admission requirements can be found online:
https://www.murraystate.edu/admissions/transfer

Degree Requirements
At least 120 total credit hours are required to complete a baccalaureate degree. At least 42 of those hours must be earned in courses at the 300-level or above (upper-level courses), and at least 30 hours must be earned in residence at Murray State University.

To meet the requirements for graduation, students must have a cumulative GPA of at least 2.0 in the following 3 areas: all college-level coursework, including transfer credits, all coursework completed at Murray State, and all courses in the student's major.

General Transfer Requirements
- Transfer Admissions Webpage: https://www.murraystate.edu/admissions/transfer
- CSIS Department Webpage: https://murraystate.edu/csis
- Students can apply here: https://www.murraystate.edu/apply

Murray State offers rolling admissions. Once admitted, students may begin the program in either the Fall or Spring semester. Details about transfer requirements, scholarship opportunities, and other important information can be found on the Transfer Admissions webpage (linked above). To be considered for University scholarships for Fall enrollment, students must submit the general scholarship application on or before February 5. All students must complete the FAFSA to be eligible for scholarships.

KCTCS Associate in Arts to MSU Computer Information Systems
CHECKLIST

Kentucky Community and Technical College System

Category 1: KCTCS General Education Requirements

KCTCS Course	Course or Category	Credits	Murray State Course	Completed
ENG 101	Writing I	3	ENG 105	
ENG 102	Writing II	3		
COM 181 or 252	Oral Communications	3	COM 161 or 131	
TBS XXX	Arts & Humanities: Heritage	3	TBD XXX	
TBS XXX	Arts & Humanities: Humanities	3	TBD XXX	
ECO 201	Microeconomics	3	ECO 231	
ECO 202	Macroeconomics	3	ECO 230	
TBS XXX	Social & Behavioral (non-ECO)	3	TBD XXX	
MAT 150	Quantitative Reasoning 1	3	MAT 140	
STA 220	Quantitative Reasoning 2	3	STA 135	
TBS XXX	Natural Science with Lab	4	TBD XXX	
Subtotal General Education Courses		**34**		

TBS XXX means to be selected by KCTCS student.
TBD XXX means to be determined by Murray State University based on course selected.

Category 2: KCTCS Additional Requirements

KCTCS Course	Course or Category	Credits	Murray State Course	Completed
COM 205	Business Communication	3	BUS 215	
TBS XXX	Arts & Humanities/Social/Oral Communications/Foreign Language	3	TBD XXX	
Subtotal General Education Courses		**6**		

Category 3: Electives (Designed for CIS transfer)

KCTCS Course	Course or Category	Credits	Murray State Course	Completed
FYE 100, 105, or 110	First year experience	1-3	TBD XXX	
CIT 105	Introduction to Computers	3	CSC 199	
CIT 120	Computational Thinking	3	CSC 101	
ACC 201	Accounting I	3	ACC 200	
ACC 202	Accounting II	3	ACC 201	
CIT 111	Computer Hardware and Software	4	CNM 135	
BAS 267	Introduction to Business Law	3	LST 240	
Subtotal AAS Requirement Courses		**20-22**		

Murray State University

Major Requirements for BSB in Computer Information Systems

Murray State Course	Course	Credits	KCTCS Course	Completed
Business Core				
CIS 307 or BAC 355	Business Intelligence	3		
BAC 442	Business Ethics	3		
CIS 343 or STA 265	Data Analysis	3		
ECO 310	Issues in the Global Economy	3		
FIN 330	Principles of Finance	3	BAS 293	
LSC 343	Fundamentals of Operations and Tech	3		
MGT 350	Fundamentals of Management	3	BAS 283	
MGT 590	Strategic Management	3		
MKT 360	Principles of Marketing	3	BAS 282	
CIS Major				
CIS 317	Systems Analysis and Design	3		
CSC 125	Web Page Design	3	CIT 155	
CSC 145	Intro to Programming	3	CIT 149	
CSC 232 or 233	Intro to Programming in C# or Python	3	CIT 143 or 144	
CSC 332 or 333	Advanced Programming in C# or Python	3	CIT 243 or 244	
CIS 420 or 488	Capstone Project or Internship	3		
CIS 407 or 509	Database or Data Management	3		
MAT 220	Business Calculus	3	MAT 170	
Restricted Electives		9		
	Note that there is a 42-hour minimum required for upper level credits.			
Subtotal Murray State University Credit Hours			60	
Total Baccalaureate Degree Credit Hours				122