



## TRANSFER PATHWAY GUIDE

Associate of Applied Science to Bachelor in Integrated Studies  
**Cybersecurity**

### ***Overview***

Completion of the following curriculum will satisfy the requirements for Associates of Applied Science at the Kentucky Community and Technical College System and leads to a Bachelor's Degree at Brescia University.

### ***Admission Requirements***

Official transcript from all schools attended. Combined grade point of average of a 2.0 or higher.

### ***Degree Requirements***

Students can apply to Brescia University at: <https://admissions.brescia.edu/apply/> For any questions or additional information on tuition, deadlines, or start dates, please email [BUconnections@brescia.edu](mailto:BUconnections@brescia.edu)

### ***General Transfer Requirements***

Brescia University can accept up to 77 hours of transfer credit from KCTCS from their associate of applied science for courses where a student made a grade of C or above.

## KCTCS AAS TO BU's Bachelor Degree CHECKLIST

### Kentucky Community and Technical College System

#### Category 1: KCTCS General Education Core Requirements (15 hours)

KCTCS Course	Course or Category	Credits	Brescia Course	Completed
MAT 150	College Algebra	3	MTH 111	
	Natural Sciences	3		
	Social/ Behavioral Sciences	3		
	Heritage/ Humanities*	3		
ENG 101	Written Communication	3	ENG 101	
	<b>Subtotal General Education Core Courses</b>	<b>15</b>		

\*World History is required at Brescia University. If not taken at KCTCS, will need to be taken at Brescia.

#### Category 2: KCTCS Technical and Support Component (44-49 hours)

KCTCS Course	Course or Category	Credits	Brescia Course	Completed
CYS 100	Cybersecurity Orientation	1		
CYS 101	Cybersecurity Foundations	3		
CYS 130	Introduction to Cyber Forensics	3		
CYS 140	Data Security	3		
CYS 145	Foundations of Cyber Systems	3		
CYS 150	Secure Software Development I	3		
CYS 202	Human, Organizational, and Societal Security	3		
CYS 245	Advanced Cyber Systems	3		
CYS 285	Cryptography	3		
ENG 102	Writing II	3	ENG 102	
	Oral Communication	3		
CYS 299	Cybersecurity Capstone	3		
	<b>Subtotal AAS Technical Courses</b>	<b>34</b>		

**Students must complete one of the tracks listed below to complete the AAS requirements:** Secure Coding Track, Network Defense Track, Cyber Forensics Track, or Cyber Science Track for a total of **61-67** credit hours.

## BRESCIA UNIVERSITY

### Major Requirements for Integrated Studies, Emphasis in Business

Brescia University Course	Course Name	Credits	KCTCS Course	Taken at KCTCS
Eng 201	Intro to Fiction	3	ENG 161	
CS 105	Office Applications	3	CIT 105	
Spn 101	GER Foreign Language	3	SPA 101	
Drm 325	Oral Interpretation (GER UD Fine Arts)	3		
Eng 341 or 342	GER UD Literature	3		
Phl 346	Business Ethics (GER UD Philosophy)	3		
Psy 105	Intro to Psychology (GER Social Beh Sci)	3	PSY 110	
Th 318	Faith & Justice (GER UD Theology)	3		
BAd 301	Business Law	3	BAS 267	
BAd 405	Management Information Systems	3		
BAd 410	Public Regulation of Business	3		
Mgt 306	Management Concepts	3	BAS 283	
Mkt 307	Marketing Concepts	3	BAS 282	
BAd 418	Quantitative Methods for Business	3		
Mgt 315	Personnel/Human Resource Management	3	BAS 274	
IS 499	Sr. Capstone (Final Paper Required)	3		
SW 310	Social Issues and Diversity (UD Elective)	3		
Mgt 308	Organizational Behavior (Or another UD Elective)	3		
	<b>Subtotal BRESCIA Credit Hours</b>	<b>59</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>120</b>		

**Please note:** 39 hours of Upper Division (300 or 400 level) credit is needed to graduate.

Updated: {9-10-24}