



## TRANSFER PATHWAY GUIDE

Associate of Applied Science to Bachelor in Integrated Studies  
**Biomedical Technology Systems**

### ***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://www.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 (16 hours)

KCTCS Course	Course or Category	Credits	Brescia Course	Completed
MAT 126 or MAT 150	Quantitative Reasoning	3	GER Math	
PHY 171	Natural Sciences	4	PHS 100	
	Social/ Behavioral Sciences	3		
	Heritage/ Humanities*	3		
ENG 101	Written Communication	3	ENG 101	
	<b>Subtotal General Education Core Courses</b>	<b>16</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 (52 hours)

KCTCS Course	Course or Category	Credits	Brescia Course	Completed
AIT 1001	Basic Electrical Knowledge	2		
AIT 1101	Electrical Power Distribution	1		
BIO 135	Basic Anatomy and Physiology with Laboratory	4		
CIT 105	Introduction to Computing (fulfills digital literacy requirement)	3	CS 105	
CIT 111	Computer Hardware and Software	4		
CIT 160	Introduction to Networking Concepts	4		
CIT 180	Security Fundamentals	3		
BTS 100	Biomedical Technology Systems: A Career Perspective	1		
BTS 110	Environmental Risks and Precautionary Measures for the BTS Professional	1		
BTS 120	Essentials of Biomedical Electronics I	2		
BTS 125	Essentials of Biomedical Electronics II	2		
BTS 130	Medical Equipment Management I	2		
BTS 140	Science Principles Employed in Medical Technologies	1		
BTS 200	Patient Care Support and Management Systems	2		
BTS 210	Diagnostic Medical Equipment and Non-Radiographic Imaging Modalities	2		
BTS 220	Laboratory Devices, Instruments, and Analyzers	2		
BTS 230	Medical Equipment Management II	2		
BTS 250	Introduction to Medical-Based IT Networks and Standards	2		
BTS 260	Radiographic Imaging Modalities	2		

KCTCS Course	Course or Category	Credits	Brescia Course	Completed
BTS 270	Therapeutic Equipment Modalities I	2		
BTS 275	Therapeutic Equipment Modalities II	2		
BTS 280	General Care Monitoring and Instrumentation	2		
BTS 285	Critical Care Monitoring and Instrumentation	2		
BTS 290	Clinical Experience in Biomedical Technology Systems Professional	2		
	<b>Subtotal AAS Technical Courses</b>	<b>52</b>		

## BRESCIA UNIVERSITY

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

Brescia University Course	Course Name	Credits	KCTCS Course	Taken at KCTCS
Eng 102	Writing II	3	ENG 102	
Eng 201	Intro to Fiction	3	ENG 161	
Sph 110	Public Speaking	3	COM 181	
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	BA 283	
Mkt 307	Marketing Concepts	3	BAS 282	
BAd 418	Quantitative Methods for Business	3		
Mgt 315	Personnel/Human Resource Management	3	BA 274	
IS 499	Sr. Capstone (Final Paper Required)	3		
SW 310	Social Issues and Diversity (UD Elective)	3		
	<b>Subtotal BRESCIA Credit Hours</b>	<b>60</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: {7-14-2022}