



TRANSFER PATHWAY GUIDE

Associate of Applied Science to Bachelor in Integrated Studies
Manufacturing Engineering Technology

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

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 (18-23 hours)

KCTCS Course	Course or Category	Credits	Brescia Course	Completed
ENG 101	Writing I	3	ENG 101	
MAT 150 & STA 220 or MAT 161 & MAT 155 & STA 251, or MAT 171 & MAT 151 & STA 251, or MAT 171 & STA 220	College Algebra and Statistics, or Statistics and Algebra and Trigonometry and Applied Statistics, or Precalculus and Introduction to Applied Statistics and Applied Statistics, or Precalculus and Statistics	6-11		
PSY 110 OR SOC 101	General Psychology OR Introduction to Sociology	3	PSY 105 or SOC 204	
	Natural Science	3		
	Heritage /Humanities*	3		
	Subtotal General Education Core Courses	18-23		

*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 (42 hours)

KCTCS Course	Course or Category	Credits	Brescia Course	Completed
CAD 100	Introduction to Computer Aided Design	3		
ELT 103	Introduction to Engineering	3		
ELT 110	Circuits I	5		
FPX 100	Fluid Power	3		
FPX 101	Fluid Power Lab	2		
MFG 135	Fundamentals of Mechatronics	6		
MFG 175	Lean Operations	2		
MFG 256	Production Management	3		
MFG 295	Manufacturing Engineering Technology Capstone	1		
QMS 101	Introduction to Quality Systems	3		
	Technical Electives	11		
	Subtotal AAS Technical Courses	42		

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	
CS 105	Office Applications	3	CIT 105	
Spn 101	GER Foreign Language	3	SPA 101	
Drn 325	Oral Interpretation (GER UD Fine Arts)	3		
Eng 341 or 342	GER UD Literature	3		
Phi 346	Business Ethics (GER UD Philosophy)	3		
Psy 105 or 300	Intro to Psychology or Developmental Psy (GER Social Beh Sci)	3	PSY 110 or PSY 223	
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		
	Subtotal BRESCIA Credit Hours	60		
	Total Baccalaureate Degree Credit Hours	120		

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

Updated: {9-12-24}