



TRANSFER PATHWAY GUIDE

Associate in Science to Bachelors of Science in Medical Laboratory Science

Overview

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

Admission Requirements

Official transcripts 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 67 hours of transfer credit from KCTCS from their associate of arts or science for courses where a student made a grade of C or above.

KCTCS AS TO BU's Bachelor Degree CHECKLIST

Kentucky Community and Technical College System

Category 1: KCTCS General Education Core Requirements (33 hours)

KCTCS Course	Course or Category	Credits	Brescia Course	Completed
ENG 101	Written Communication	3	ENG 101	
ENG 102	Written Communication	3	ENG 102	
Any GER	Oral Communication	3		
Any History GER	Heritage	3		
ENG 161	Humanities	3	ENG 204	
REL 130	Social & Behavioral Sciences	3	TH 219	
PSY 110	Social & Behavioral Sciences	3	PSY 105	
BIO 150, 151	Natural Science	3,2	BIO 115	
BIO 137	Natural Science	4	BIO 201	
MAT 150	Quantitative Reasoning	3	MTH 111	
STA 220	Quantitative Reasoning	3	MTH 250	
	Subtotal General Education Core Courses			

Category 2: KCTCS AS Requirements (6 hours)

KCTCS Course	Course or Category	Credits	Brescia Course	Completed
CHE 170, 175	Natural Science/ Quantitative Reasoning	4,1	CHM 101, 101L	
CHE 180, 185	Natural Science/ Quantitative Reasoning	4,1	CHM 102, 102L	
	Subtotal AA/AS Requirement Courses			

Category 3: KCTCS Electives (21 hours)

KCTCS Course	Course or Category	Credits	Brescia Course	Completed
	Digital Literacy	0-3		
	First-Year Experience	0-3	BU 101	
CHE 270, 275	Organic Chemistry I, Lab	5	CHM 301, 301L	
One of:	ART 100, MUS 100, MUS 208, MUS 222, or THA 101	3		
One of:	PHI 100, PHI 120, PHI 130, PHI 150	3		
SOC 101	Intro to Sociology	3	SOC 204	
	Subtotal Elective Courses	21		
	TOTAL associate degree Hours	60		

BRESCIA UNIVERSITY

Major Requirements for Medical Laboratory Science

Brescia University Course	Course	Credits	KCTCS Course	Taken at KCTCS
Bio 305, 305L	Advanced Anatomy and Physiology <i>and</i> Lab	4		
Bio 311, 311L	Microbiology and Lab	4	BIO 227	
Bio 330	Immunology	3		
	Related Subject Requirements:			
Chm 301, 301L	Organic Chemistry I and Lab	4	CHE 270, 275	
Chm 302, 302L	Organic Chemistry II and Lab	4	CHE 280, 285	
Bio 496 —	Internship (Owensboro Health Regional Hospital)	36		
	A twelve-month internship, comprised of several sub-units needed for the profession such as hematology, serology, and urinalysis, is then taken in the laboratory of an approved hospital.			
	*Brescia is affiliated with Owensboro Health Regional Hospital, Inc., Owensboro, KY., for internship placements. The internship does not count as resident credit.			
	Upper division GER course at BU	3		
	Upper division GER course at BU	3		
	Subtotal BRESCIA Credit Hours	60		
	Total Baccalaureate Degree Credit Hours	120		

Updated: {7-9-25}