



## TRANSFER PATHWAY GUIDE

Associate in Arts to Bachelors of Science in Biochemistry

### ***Overview***

Completion of the following curriculum will satisfy the requirements for Associates of Arts 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](mailto: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 AA 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	
SOC 101	Social & Behavioral Sciences	3	SOC 204	
BIO 150, 151	Natural Science	5	BIO 115	
MAT 150	Quantitative Reasoning	3	MTH 111	
MAT 174 or 175	Natural Science/ Quantitative Reasoning	3	MTH 211	
	<b>Subtotal General Education Core Courses</b>			

#### Category 2: KCTCS AA Requirements (6 hours)

KCTCS Course	Course or Category	Credits	Brescia Course	Completed
One of:	PHI 100, PHI 120, PHI 130, PHI 150	3		
One of:	ART 100, MUS 100, MUS 208, MUS 222, or THA 101	3		
	<b>Subtotal AA/AS Requirement Courses</b>			

#### 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	
BIO 137	Human Anatomy and Physiology I	4	BIO 201	
PHY 232, 242	General University Physics II, Lab	5	PHS 202, 202L	
PHY 231, 241	General University Physics I, Lab	5	PHS 201, 201L	
Any GER				
	<b>Subtotal Elective Courses</b>	<b>21</b>		
	<b>TOTAL associate degree Hours</b>	<b>60</b>		

**BRESCIA UNIVERSITY**

**Major Requirements for Biochemistry**

<b>Brescia University Course</b>	<b>Course</b>	<b>Credits</b>	<b>KCTCS Course</b>	<b>Taken at KCTCS</b>
Mth 212	Calculus II	4	MAT 184, 185	
Chm 205,205L	Quant Analysis & Lab	4		
Chm 301,301L	Organic Chm I & Lab	4	CHE 270, 275	
Chm 302,302L	Organic Chm II & Lab	4	CHE 280, 285	
Chm 409,409L	Biochem & Lab I	4		
Chm 410,410L	Biochem & Lab II	4		
Chm/Bio 405	Directed Research	2		
Chm/Bio 499	Seminar	1		
Major Elective	Must be upper division	4		
Major Elective	Must be upper division	4		
	Upper division GER course at BU	3		
	Upper division GER course at BU	3		
	Upper division course at BU	3		
	Upper division course at BU	3		
	Upper division course at BU	3		
	<b>Subtotal BRESCIA Credit Hours</b>	<b>60</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>120</b>		

Updated: {7-8-25}