



## **TRANSFER PATHWAY GUIDE**

Associate in Science to Bachelors of Science in Biology

### ***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 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 67 hours of transfer credit from OCTC 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	
COM 181	Oral Communication	3	SPH 110	
HIS 104	Heritage	3	HIS 101	
ENG 161	Humanities	3	ENG 204	
REL 130	Social & Behavioral Sciences (CS)	3	TH 219	
PSY 110	Social & Behavioral Sciences	3	PSY 105	
BIO 150, 151	Natural Science	3,2	BIO 115	
BIO 152, 153	Natural Science	3,2	BIO 105	
MAT 150	Quantitative Reasoning	3	MTH 111	
Highest Math	Quantitative Reasoning	3		
	<b>Subtotal General Education Core Courses</b>			

One of these courses must be selected from the KCTCS identified Cultural Studies course list, indicate by placing (CS) next to the course name in Category 1 or 2 table.

#### 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	
	<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	
One of:	FRE 101, GER 101, JPN 101, RAE 150, or SPA 101	3		
One of:	ART 100 , MUS 100, MUS 208, THA 101	3		
One of:	PHI 100, PHI 120, PHI 130, PHI 150	3		
BIO 137	Human Anatomy and Physiology I	4	BIO 201	
	<b>Subtotal Elective Courses</b>	<b>21</b>		
	<b>TOTAL Associate Degree Hours</b>	<b>60</b>		

**BRESCIA UNIVERSITY**

## Major Requirements for BIOLOGY

Brescia University Course	Course	Credits	KCTCS Course	Taken at KCTCS
Bio 215,215L	Biological Diversity & Lab	4		
Bio 300,300L	Genetics & Lab	4		
Bio 499	Biology Seminar	1		
	<b>Major Subject Electives:</b> <i>Choose from these upper-division courses</i>	(16)		
Bio 301, 301L	Developmental Biology <b>and</b> Developmental Biology Lab	(3, 1)		
Bio 305, 305L	Advanced Anatomy and Physiology <b>and</b> Advanced Anatomy and Physiology Lab	(3, 1)		
Bio 311, 311L	Microbiology <b>and</b> Microbiology Lab	(3, 1)	BIO 227	
Bio 312	Parasitology	(3)		
Bio 321	Reading List	(1-3)		
Bio 325, 325L	Ecology and Ecology Lab	(3, 1)		
Bio 330	Immunology	(3)		
Bio 399	Independent Study	(1-4)		
Bio 401, 401L	Advanced Cell Biology and Advanced Cell Biology Lab	(3, 1)		
Bio 403, 403L	Rotating Biological Topics Rotating Biological Topics Lab	(1-3. 1)		
Bio 417, 417L	Molecular Biology and Molecular Biology Lab	(3, 1)		
Bio 425, 425L	Marine Biology and Marine Biology Lab	(3, 1)		
Bio 405	Directed Research			
Chm 409, 409L	Biochemistry I and Biochemistry I Lab	(3, 1)		
Chm 410, 410L	Biochemistry II and Biochemistry II Lab	(3, 1)		
	<b>Related Subject Requirements:</b>	(24)		
Chm 301, 301L	Organic Chemistry I and Lab	3,1	CHE 270, 275	
Chm 302, 302L	Organic Chemistry II and Lab	3,1	CHE 280, 285	
PhS 201, 201L	General Physics I and Lab	3,1	PHY 231, 241	
PhS 202, 202L	General Physics II and Lab	3, 1	PHY 232, 242	
Mth 211, Mth 212	Calculus I and Calculus II	4, 4	MAT 174, 175, 184, 185	
	Upper division GER course at BU	3		
	Upper division GER course at BU	3		
	Upper division course	4		
	<b>Subtotal BRESCIA Credit Hours</b>	<b>60</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>120</b>		

Updated: {6-14-22}