



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 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 152, 153	Natural Science	3,2	BIO 105	
MAT 150	Quantitative Reasoning	3	MTH 111	
Highest Math	Quantitative Reasoning	3		
	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	
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 Sociology	3	SOC 204	
BIO 137	Human Anatomy and Physiology I	4	BIO 201	
	Subtotal Elective Courses	21		
	TOTAL associate degree Hours	60		

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		
	Major Subject Electives: <i>Choose from these upper-division courses</i>	(16)		
Bio 301, 301L	Developmental Biology and Developmental Biology Lab	(3, 1)		
Bio 305, 305L	Advanced Anatomy and Physiology and Advanced Anatomy and Physiology Lab	(3, 1)		
Bio 311, 311L	Microbiology and 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)		
	Related Subject Requirements:	(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		
	Subtotal BRESCIA Credit Hours	60		
	Total Baccalaureate Degree Credit Hours	120		

Updated: {7-8-25}