



TRANSFER PATHWAY GUIDE

Associate in Arts to Bachelors of Science in Chemistry

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

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	
CHEM 170, 175	Natural Science	5	CHM 101, 101L	
MAT 150	Quantitative Reasoning	3	MTH 111	
MAT 174 or 175	Natural Science/ Quantitative Reasoning	3	MTH 211	
	Subtotal General Education Core Courses			

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		
	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	
PHY 231, 241	General University Physics I, Lab	5	PHS 201, 201L	
PHY 232, 242	General University Physics II, Lab	5	PHS 202, 202L	
CHE 180, 185	General College Chemistry II and Lab	5	CHM 102, 102L	
	Subtotal Elective Courses	21		
	TOTAL associate degree Hours	60		

BRESCIA UNIVERSITY

Major Requirements for Chemistry

Brescia University Course	Course	Credits	KCTCS Course	Taken at KCTCS
Mth 212	Calculus II	4	MAT 184, 185	
Mth 213	Calculus III	4	MAT 213, 275	
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 350,350L	Physical Chm I & Lab	4		
Chm 409, 409L OR Chm 410, 410L	Biochemistry I and Lab OR Biochemistry II and Lab	4		
Chm 499	Seminar	1		
Major Elective	UD Chm Elective	3		
	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		
	Upper division course at BU	3		
	Upper division course at BU	3		
	Subtotal BRESCIA Credit Hours	60		
	Total Baccalaureate Degree Credit Hours	120		

Updated: {7-8-25}