  

# TRANSFER PATHWAY GUIDE

Associate of Applied Science to Bachelor in Integrated Studies

**Industrial Chemical Technology**

## Overview

Completion of the following curriculum will satisfy the requirements for Associates of Applied 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 77 hours of transfer credit from KCTCS from their associate of applied science for courses where a student made a grade of C or above.

### KCTCS AAS TO BU’s Bachelor Degree CHECKLIST

### Kentucky Community and Technical College System

#### Category 1: KCTCS General Education Core Requirements (19 hours)

| **KCTCS Course** | **Course or Category** | **Credits** | **{Institution} Course** | **Completed** |
| --- | --- | --- | --- | --- |
| ENG 101 | Writing I | 3 |  |  |
| CHE 140 | Introductory General Chemistry | 3 |  |  |
| CHE 145 | Introductory General Chemistry Lab | 1 |  |  |
| MAT 150 | College Algebra | 3 |  |  |
| COM 181 | Basic Public Speaking | 3 |  |  |
|  | Social/Behavioral Sciences | 3 |  |  |
|  | Heritage/Humanities\* | 3 |  |  |
|  | **Subtotal General Education Core Courses** | **19** |  |  |

\*World History is required at Brescia University. If not taken at KCTCS, will need to be taken at Brescia.

#### Category 2: KCTCS Technical and Support Component (42-48 hours)

| **KCTCS Course** | **Course or Category** | **Credits** | **{Institution} Course** | **Completed** |
| --- | --- | --- | --- | --- |
|  | Digital Literacy or demonstrated competency | 0-3 |  |  |
| AET 110 | Introduction to Circuit Analysis | 4 |  |  |
| APT 142 | Instrumentation | 4 |  |  |
| ICT 186 | Introduction to Process Technology | 3 |  |  |
| ICT 192 | Process Technology Equipment | 4 |  |  |
| ICT 194 | Process Technology Systems | 4 |  |  |
| ICT 196 | Process Technology Operations | 3 |  |  |
| ICT 200 | Process Troubleshooting | 4 |  |  |
| ICT 230 OR ISX 101 | Health, Safety, & Environmental Practices OR Introduction to Industrial Safety | 3 |  |  |
| ICT 280 | Capstone in Industrial Chemical Technology | 2 |  |  |
| ITE 250 | Team Dynamics and Problem Solving | 3 |  |  |
| QMS 101 | Introduction to Quality Systems | 3 |  |  |
| PHY 171 OR PHY 152 AND PHY 162 | Applied Physics OR Introductory Physics II AND Introductory Physics II Lab | 4 |  |  |
| ELT 295 OR COE 199 | Independent Problems OR Co-operative Education | 1-4 |  |  |
|  | **Subtotal AAS Technical Courses** | **42-48** |  |  |

### BRESCIA UNIVERSITY

#### Major Requirements for Integrated Studies, Emphasis in Business

| **Brescia University Course** | **Course Name** | **Credits** | **{Institution} Course** | **Taken at KCTCS** |
| --- | --- | --- | --- | --- |
| Eng 102 | Writing II | 3 |  |  |
| Eng 201 | Intro to Fiction | 3 |  |  |
| CS 105 | Office Applications | 3 |  |  |
| Spn 101 | GER Foreign Language | 3 |  |  |
| Drm 325 | Oral Interpretation (GER UD Fine Arts) | 3 |  |  |
| Eng 341 or 342 | GER UD Literature | 3 |  |  |
| Phl 346 | Business Ethics (GER UD Philosophy) | 3 |  |  |
| Psy 105 | Intro to Psychology (GER Social Beh Sci) | 3 |  |  |
| Th 318 | Faith & Justice (GER UD Theology) | 3 |  |  |
| BAd 301 | Business Law | 3 |  |  |
| BAd 405 | Management Information Systems | 3 |  |  |
| BAd 410 | Public Regulation of Business | 3 |  |  |
| Mgt 306 | Management Concepts | 3 |  |  |
| Mkt 307 | Marketing Concepts | 3 |  |  |
| BAd 418 | Quantitative Methods for Business | 3 |  |  |
| Mgt 315 | Personnel/Human Resource Management | 3 |  |  |
| IS 499 | Sr. Capstone (Final Paper Required) | 3 |  |  |
| SW 310 | Social Issues and Diversity (UD Elective) | 3 |  |  |
| Mgt 308 | Organizational Behavior (Or another UD Elective) | 3 |  |  |
| Eco 201 | Principles of Economics I (or another Free Elective) | 3 |  |  |
| Eco 202 | Principles of Economics II (or another Free Elective) | 3 |  |  |
|  | **Subtotal BRESCIA Credit Hours** | **61-67** |  |  |
|  | **Total Baccalaureate Degree Credit Hours** | **128** |  |  |

Updated: {8-26-2020}