



## TRANSFER PATHWAY GUIDE 2023-2024

Associate in Science to Bachelor in Arts in Chemistry

### **Overview**

Completion of the following curriculum will satisfy the requirements for an Associate in Science at the Kentucky Community and Technical College System and leads to a BA in Chemistry at the University of Kentucky.

### **Admission Requirements**

Students must meet the University admission requirements in order to be admitted into any major within the College of Arts and Sciences.

KCTCS students planning to transfer to the University of Kentucky should work closely with a UK Transfer Advisor each semester to ensure that both KCTCS and UK degree requirements are met.

### **Degree Requirements**

The College of Arts & Sciences requires that students complete foreign language courses above the university requirement. Students must either: 1) Obtain proficiency through the fourth level of one language or 2) Obtain proficiency through the third level of a language different from that taken in high school. The high school language must have been taken through the second level. All students are provided the opportunity to take a placement exam in any language to determine the appropriate class.

### **General Transfer Requirements**

All prospective transfer students are encouraged to receive advising from the University of Kentucky Transfer Center. Appointments are offered online and in-person, and can be scheduled online at <https://www.uky.edu/admission/transfer-advising>.

Additionally, we recommend reviewing the transfer admission requirements (<https://www.uky.edu/admission/transfer-requirements>) and the Frequently Asked Questions (<https://www.uky.edu/admission/transfer/frequently-asked-questions>) on our website: <https://www.uky.edu/admission/transfer>.

For more information, please contact the UK Transfer Center by email at [UKTransfer@uky.edu](mailto:UKTransfer@uky.edu), by phone at 859-257-2000, or in-person in Room 100 of the Funkhouser Building on UK's campus.

# KCTCS ASSOCIATE IN SCIENCE TO UNIVERSITY OF KENTUCKY BACHELOR OF ARTS IN CHEMISTRY CHECKLIST

## Kentucky Community and Technical College System

### Category 1: KCTCS General Education Core Requirements (33 hours)

KCTCS Course	Course or Category	Credits	UK Course	Completed
ENG 101	Writing I (WC)	3	ENG 101	
ENG 102	Writing II (WC)	3	ENG 102	
TBS XXX	Oral Communication (OC)	3	TBD XXX	
TBS XXX	Heritage (AH)	3	TBD XXX	
TBS XXX	Humanities (AH)	3	TBD XXX	
TBS XXX	Social and Behavioral Science (SB)	3	TBD XXX	
TBS XXX	Social and Behavioral Science (SB)	3	TBD XXX	
CHE170+175	General Chemistry I with Lab (NS)	5	CHE105/111	
CHE180+185	General Chemistry II with Lab (NS)	5	CHE 107/113	
MAT174/175	Calculus I (QR)	5	MA 113	
STA251/296U	Statistical Methods and Motivations (QR)	3	STA 296	
	<b>Subtotal General Education Core Courses</b>	<b>39</b>		

TBS XXX means to be selected by KCTCS student.

TBD XXX means to be determined by University of Kentucky based on course selected.

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	UK Course	Completed
BIO 150/151	Principles of Biology I & Lab	5	BIO 148/155	
BIO 152	Principles of Biology II	3	BIO 152	
	<b>Subtotal AA/AS Requirement Courses</b>	<b>8</b>		

### Category 3: KCTCS Electives (21 hours)

KCTCS Course	Course or Category	Credits	UK Course	Completed
TBS XXX	Digital Literacy	0-3	TBD XXX	
TBS XXX	First-Year Experience	3	TBD XXX	
MAT 184/185	Calculus II	5	MA 114	
CHE 270/275	Organic Chemistry I & Lab	5	CHE 230/231	
CHE 280/285	Organic Chemistry II & Lab	5	CHE 232/233	
	<b>Subtotal Elective Courses</b>	<b>21</b>		
	<b>TOTAL Associate Degree Hours</b>	<b>68</b>		



Sample Course Sequence: KCTCS Associate in Science to UK Bachelor of Arts Degree in Chemistry

KCTCS Fall Semester 1	
ENG 101	3
CHE 170/175	5
MAT 175	5
First Year Experience	3
<b>Total</b>	<b>16</b>

KCTCS Spring Semester 1	
ENG 102	3
CHE 180/185	5
MAT 185	5
BIO 150/151	5
<b>Total</b>	<b>18</b>

KCTCS Summer Semester 1	

KCTCS Fall Semester 2	
BIO 152	3
CHE 270/275	5
Oral Com. Course	3
Humanities Course	3
Digital Literacy	3
<b>Total</b>	<b>17</b>

KCTCS Spring Semester 2	
Social & Behav. Sci.	3
CHE 280/285	5
STA 296U	3
Social & Behav. Sci	3
Heritage Course	3
<b>Total</b>	<b>17</b>

KCTCS Summer Semester 2	

UK Fall Semester 3	
A&S Race & Ethnicity	3
A&S F L	4
CHE 226	3
PHY 211	5
<b>Total</b>	<b>15</b>

UK Spring Semester 3	
A&S F L	4
PHY 213	5
Major Field Options	3
Major Field Options	3
<b>Total</b>	<b>15</b>

UK Summer Semester 3	

UK Fall Semester 4	
A&S F L	3
CHE 440G	3
Major Field Options	3
Major Field Options	3
Major Field Options	3
<b>Total</b>	<b>15</b>

UK Spring Semester 4	
A&S F L	3
CHE 441	2
WRD 310	3
Major Field Options	3
Major Field Options	3
<b>Total</b>	<b>14</b>

UK Summer Semester 4	