



TRANSFER PATHWAY GUIDE

Associate in Science to Bachelor's in Middle Level
Education- Math and Social Studies

Overview

Completion of the following curriculum will satisfy the requirements for an Associate in Science at the Kentucky Community and Technical College System as well as UK Core Requirements for the University of Kentucky and pre-major requirements for a bachelor's degree in Middle-Level Education-Science and Social Studies Content Areas.

Admission Requirements

Middle Level Education is a selective admission and competitive program. Completing this pathway does NOT guarantee you acceptance into the program. Acceptance is determined through the application process. A 2.75 cumulative GPA will be needed for this program. Students should talk to their future assigned UK College of Education Advisor after their second semester so that they're aware of Teacher Education Program (TEP) application requirements, which is the teacher certification program build into the UK degree.

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

To stay on a four-year path, students must be eligible to apply to the TEP the semester before they plan to attend UK.

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, by phone at 859-257-2000, or in-person in Room 100 of the Funkhouser Building on UK's campus.

KCTCS ASSOCIATE IN ART TO UNIVERSITY OF KENTUCKY BACHELOR'S IN MIDDLE LEVEL EDUCATION- SCIENCE AND SOCIAL STUDIES 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
ENG101	Writing I (WC)	3	ENG 101	
ENG102	Writing II (WC)	3	ENG 102	
TBS XXX	Oral Communication (OC)	3	TBD XXX	
HIS 104	History of Europe through the Mid-17 th Century	3	HIS 104	
TBS XXX	Humanities (AH)	3	TBD XXX	
ECO 201	Principles of Microeconomics (SB)	3	ECO 201	
TBS XXX	ANT 160 or ANT 220 (SB)	3	TBD XXX	
TBS XXX	GEO 160 or GEO 172 (SB)	3	TBD XXX	
TBS XXX	Natural Science with Lab (NS)	4	TBD XXX	
MAT 174/175	Calculus I	5	MA 113	
STA251/296U	Statistical Methods and Motivations (QR)	3	STA 296	
	Subtotal General Education Core Courses	35		

TBS XXX means to be selected by KCTCS student.

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
MAT 205	Mathematics for Elementary Teachers I	3	MA 201	
MAT 206	Mathematics for Elementary Teachers II	3	MA 202	
	Subtotal AA/AS Requirement Courses	6		

Category 3: KCTCS Electives (21 hours)

KCTCS Course	Course or Category	Credits	UK Course	Completed
TBS XXX	Digital Literacy	3	TBD XXX	
TBS XXX	First-Year Experience	3	TBD XXX	
EDP 202	Human Development and Learning	3	EDP 202	
MAT 165	Finite Mathematics	3	MA 162	
HIS 105	History of Europe: Mid 17 th C. to Present	3	HIS 105	
HIS 108	History of the US thru 1865	2	HIS 108	
EDP 203	Teaching Exceptional Learners	3	EDP 203	
	Subtotal Elective Courses	20		
	TOTAL Associate Degree Hours	61		

University of Kentucky

Major Requirements for Bachelor's in Middle Level Education- Social Studies and Science

UK Course	Course	Credits	KCTCS Course	Taken at KCTCS
TBS XXX	HIS 229 or HIS 230	3		
TBS XXX	Guided History Elective	3		
EES 160	Geology for Teachers	3		
EES 150	Earthquakes and Volcanoes	3		
PHY 160	Physics and Astronomy for Teachers	3		
TBS XXX	PHY 120 or PHY 130	3		
EDC 317	Intro to Instructional Media	1	EDU 204	
EDP 202	Human Development & Learning	3	EDP 202	
EDP 203	Teaching Exceptional Learners in Regular Classrooms	3	EDP 203	
EPE 301	Education in American Culture	3		
EDC 327	Reading in the Content Areas	3		
EDC 330	Writing in the Content Areas	3		
EDC 341	The Early Adolescent Learner & Methods in MLE	3		
EDC 343	Methods & Management in MLE	3		
EDC 346	Methods of Teaching MLE Social Studies	3		
SEM 348	Teaching Science in the Middle School	3		
EDC 446	Applications of Teaching MLE Social Studies	3		
SEM 448	Applications of Teaching Middle Level Science	3		
EDC 520	Assessment & Accountability in MLE	3		
EDC 549	MLE Student Teaching	3-15		
Subtotal UK Credit Hours		59		
Total Baccalaureate Degree Credit Hours		120		

Updated: Fall 2025

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

KCTCS Fall Semester 1	
ENG 101	3
First Year Experience	3
PSY 110	3
MAT 150	3
CHE 120	3
Total	15

KCTCS Spring Semester 1	
ENG 102	3
CHE 170/175	5
ANT160/220	3
Oral Comm Course	3
HIS 104	3
Total	17

KCTCS Summer Semester 1	

KCTCS Fall Semester 2	
BIO 120	3
EDP 202	3
Digital Literacy	3
HIS 105	3
ECO 201	3
Total	15

KCTCS Spring Semester 2	
BIO 144/150+115/151	4
HIS 108	3
GEO160/172	3
GLY 130 or EDP 203	3
Total	13

KCTCS Summer Semester 2	

UK Fall Semester 3	
Total	

UK Spring Semester 3	
Total	

UK Summer Semester 3	

UK Fall Semester 4	
Total	

UK Spring Semester 4	
Total	

UK Summer Semester 4	