



TRANSFER PATHWAY GUIDE 2023-2024

Associate in Arts to Bachelor of Arts in Mathematics –
Option A

Overview

Completion of the following curriculum will satisfy the requirements for an Associate in Art at KCTCS as well as UK Core requirements for the University of Kentucky and pre-major requirements for the BA degree in Mathematics.

Admission Requirements

Students must meet the University admission requirements 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, 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 OF ART
IN Mathematics – Option A 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	
TBSXXX	Oral Communication (OC)	3	TBD XXX	
TBS XXX	Heritage (AH)	3	TBD XXX	
TBS XXX	Humanities (AH)	3	TBD XXX	
TBS XXX	Social Science (SB)	3	TBD XXX	
TBS XXX	Social Science (SB)	3	TBD XXX	
TBS XXX	Natural Science with Lab (NS)	4	TBDXXX	
TBS XXX	Natural Science (NS)	3	TBD XXX	
MAT174/175	Calculus I (QR)	5	MA 113	
STA251/296U	Statistical Methods and Motivations	3	STA 296	
	Subtotal General Education Core Courses	34		

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 184/185	Calculus II	5	TBD XXX	
	Hours fulfilled by other coursework		TBD XXX	
	Subtotal AA/AS Requirement Courses	5		

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	
CS 115U	Introduction to Computer Programming	3	CS 115	
TBS XXX	Foreign Language I	4	TBD XXX	
TBS XXX	Foreign Language II	4	TBD XXX	
MAT 275	Calculus III	4	MA 213	
	Subtotal Elective Courses	21		
	TOTAL Associate Degree Hours	62		

University of Kentucky

Major Requirements for Bachelor of Arts degree in Mathematics – Option A

UK Course	Course	Credits	KCTCS Course	Taken at KCTCS
TBS XXX	Lab & Field Work	4		
TBS XXX	Race and Ethnicity	3		
TBS XXX	Natural Science	3		
TBS XXX	Humanities	3		
CS 115	Intro to Computer Programming	3		
MA 214 or MA 261	Calculus I or Intro to Number Theory	3		
MA 322	Calculus Matrix Algebra and its Applications	3		
300+ Level Math Courses		18		
300+ Level Math Outside Department (OMA)		14		
Subtotal UK Credit Hours		60		
Total Baccalaureate Degree Credit Hours		120		

Updated: Fall 2023

Sample Course Sequence: KCTCS Associate in Arts to UK Bachelor of Arts Degree in Mathematics – Option A

KCTCS Fall Semester 1	
ENG 101	3
Natural Sci. w Lab	4
First Year Experience	3
Calculus I	5
Total	15

KCTCS Spring Semester 1	
ENG 102	3
Oral Communication	3
Calculus II	5
Humanities	3
Total	14

KCTCS Summer Semester 1	

KCTCS Fall Semester 2	
Foreign Language I	4
Calculus III	4
Natural Science	3
Social Science	3
CS 115U**	3
Total	17

KCTCS Spring Semester 2	
Foreign Language II	4
STA 251/296U	3
Social Science	3
Heritage (AH)	3
Digital Literacy	3
Total	16

KCTCS Summer Semester 2	

UK Fall Semester 3	
MA 214 or 261	3
Humanities	3
300+ MA	3
300+ MA	3
OMA 300+	3
Total	15

UK Spring Semester 3	
MA 322	3
Humanities	3
300+ MA	3
300+ MA	3
OMA 300+	3
Total	15

UK Summer Semester 3	

UK Fall Semester 4	
Humanities	3
300+ MA	3
OMA 300+	3
OMA 300+	3
Race + Ethnicity	3
Total	15

UK Spring Semester 4	
MA 391	3
300+ MA	3
OMA 300+	3
AS Lab + FW	4
Elective	3
Total	16

UK Summer Semester 4	