TRANSFER PATHWAY GUIDE
2025-2026
KCTCS Associate in Arts to
Midway University Bachelor of Arts in Mathematics

Overview

Completion of the following curriculum will satisfy the requirements for Associate in Arts at the Kentucky Community and Technical College System and leads to the Bachelor of Arts in Mathematics at Midway University.

Admission Requirements

For acceptance into the Mathematics program, the student must meet the following criteria:

1. Complete and submit the application online.
2. Arrange to have all official transcripts from all regionally-accredited post-secondary institutions attended sent to the Office of Admissions.
3. Minimum College GPA of 2.0.

Degree Requirements

Academic credit will be accepted and applied toward the specified degree program at Midway University as identified in the Course Articulation Matrix included in this agreement.

KCTCS AA TO MIDWAY UNIVERSITY BA IN MATHEMATICS CHECKLIST

Kentucky Community and Technical College System

Category 1: KCTCS General Education Core Requirements (33 hours) AA requirements linked.

KCTCS Course	Course or Category	Credits	Midway Course	Completed
ENG 101	Writing I	3	ENG 101	
ENG 102	Writing II	3	ENG 102	
COM 181 OR COM 252	Basic Public Speaking OR Interpersonal Communications	3	COM 205	
	(Heritage)	3	TBD XXX	
	(Humanities)	3	TBD XXX	
MAT 146 OR MAT 150 OR MAT 141	Contemporary College Math OR College Algebra OR Liberal Arts Math	3	MTH 141 OR MTH 140	
	(Natural Sciences with a lab)	3 (4)	TBD XXX	

	(Social and Behavioral Sciences)	3	TBD XXX	
	(Social and Behavioral Sciences)	3	TBD XXX	
	(Social and Behavioral Sciences)	3	TBD XXX	
	(Quantitative Reasoning OR Natural Sciences)	3	TBD XXX	
	Subtotal General Education Core Courses	**33**		

TBS XXX means to be selected by KCTCS student.
TBD XXX means to be determined by Midway University based on course selected.
¨Minimum grade of "C" required.

*For Social and Behavioral Sciences courses, two disciplines must be represented and different from those in the Arts and Humanities category.

Category 2: KCTCS AA Requirements (6 hours)

KCTCS Course	Course or Category	Credits	Midway Course	Completed
	Arts and Humanities **or** Social/Behavioral Sciences **or** Oral Communications **or** Foreign Languages	3	TBD XXX	
	Arts and Humanities **or** Social/Behavioral Sciences **or** Oral Communications **or** Foreign Languages	3	TBD XXX	
	Subtotal AA Requirement Courses	**6**		

Category 3: KCTCS Electives (21 hours)

KCTCS Course	Course or Category	Credits	Midway Course	Completed
CIT 105	Intro to Computer (Digital Literacy)	0-3	CIS 235	
FYE 105 OR FYE 110 OR FYE 100*	First-Year College Success Course/Experience	0-3	MWY 101	
	Subtotal Elective Courses	**21**		
	TOTAL Associate Degree Hours	**60 (61)**		

*Some colleges have policies that allow students to fulfil the College Success Requirement by waiver or exemption.

Midway University

Major Requirements for Bachelor of Arts in MATHEMATICS. Midway University Academic Catalog

Midway Course	Course	Credits	KCTCS Course	Taken at KCTCS
MTH 220	Calculus I	4	MAT 174 or 175	
MTH 222	Calculus II	4	MAT 184 or 185	
MTH 223	Calculus III	4	MAT 275 or MA 213	
MTH 245	Probability and Statistics	3	STA 220	
MTH 301	Differential Equations	3		
MTH 305	Mathematical Reasoning and Proofs	3		
MTH 310	Linear Algebra	3		
MTH 320	Discrete Mathematics	3		
Subtotal Midway Credit Hours		**27**		

Mathematics Electives {Choose 3 courses}
Bachelor of Arts in MATHEMATICS

Midway Course	Course	Credits	KCTCS Course	Taken at KCTCS
MTH 315	Mathematical Statistics	3		
MTH 401	Abstract Algebral	3		
MTH 405	Real Analysis I	3		
MTH 498	Senior Seminar	3		
Subtotal Midway Credit Hours		**9**		

Required Supporting Courses
Bachelor of Arts in MATHEMATICS

Midway Course	Course	Credits	KCTCS Course	Taken at KCTCS
PSC 240	Physics I	3	PHY 201	
PSC 241	Physics I Lab	1	PHY 202	
PSC 250	Physics for Engineers I	4	PHY 201	
PSC 251	Physics for Engineers I Lab	1	PHY 202	
Subtotal Midway Credit Hours		**4-5**		

B.A. Mathematics - 120 HRS Minimum

General Education Hours	40	
Program Requirements	38-39	
Elective Hours	34-35	
Total Baccalaureate Degree Credit Hours	**120**	

***Please Note: Students transferring to Midway University may transfer a total up to 80 credit hours toward degree requirements.

***A minimum of 36 hours of credit hours must be earned in courses numbered 300 or above for B.A. from Midway University.

****36 of the last 40 hours must be completed at Midway University as a residency requirement.