Ohio TRANSFER TO DEGREE guarantee

Guaranteed Transfer Pathways

Kent State University

Mathematics

Associate of Science to Bachelor of Arts

Effective beginning Academic Year 2019-20 (Last revised August 26, 2020)

The following table outlines how transfer credits will be applied to the Bachelor of Arts in Mathematics degree at Kent State University for students who completed an Associate of Science degree via the Ohio Guaranteed Mathematics (AS to BA) Transfer Pathway. The OGTP designation guarantees the transfer and applicability of credits, but does not guarantee admission to a program. Some bachelor-degree granting programs may be competitive, and students should check with individual institutions for their program admission requirements.

COURSE EQUIVALENCIES FROM THE ASSOCIATE DEGREE	Course Number	Credit Hours
GENERAL EDUCATION REQUIREMENTS/OHIO TRANSFER 36		
Any Ohio Transfer 36 approved First Writing (TME001) course	ENG 11011	3
Calculus I (TMM005)	MATH 12002	5
Any Ohio Transfer 36 approved Arts and Humanities course	Ohio Transfer 36 Elective*	3
Any Ohio Transfer 36 approved Arts and Humanities course	Ohio Transfer 36 Elective*	3
Any Ohio Transfer 36 approved Social and Behavioral Sciences course	Ohio Transfer 36 Elective*	3
Any Ohio Transfer 36 approved Social and Behavioral Sciences course	Ohio Transfer 36 Elective*	3
Any Ohio Transfer 36 approved Natural Sciences course	Ohio Transfer 36 Elective*	3
Any Ohio Transfer 36 approved Natural Sciences course with lab	Ohio Transfer 36 Elective*	4
Any Ohio Transfer 36 approved Second Writing (TME002) course	ENG 21011	3
Calculus II (TMM006)	MATH 12003	5
Up to 3-4 additional hours of Ohio Transfer 36 approved courses	Ohio Transfer 36 Elective*	3
PRE-MAJOR/BEGINNING MAJOR		
Calculus III (OMT018)	MATH 22005	4
Elementary Linear Algebra (OMT019)	MATH 21001 (under review)[1]	3
Elementary Differential Equations (OMT020)	MATH 32044	3
OTHER RECOMMENDATIONS		
General Electives[2]	Varies*	8-14
TOTAL HOURS FROM ASSOCIATE DEGREE:		60-65

Advising Notes:
(*) Indicates that coursework will be evaluated for applicable equivalency upon transfer at the university. If a Transfer Assurance Guide (TAG) course is taken, the approved course equivalency will be awarded.
[1] "Under review" indicates that the course does not currently carry the statewide course equivalency guarantee. However, the institution is working toward this goal and will act in good faith to ensure the appropriate equivalency is given that counts toward the degree.
[2] Kent State requires four semesters of foreign language and recommends filling elective spots with two semesters of foreign language if possible.

SPECIAL NOTES

Students with plans of pursuing a pre-professional or graduate studies track in the future should work closely with their academic advisor and receiving institution starting in the first year of their program in order to adequately prepare themselves for those types of tracks. Some pre-professional degrees include pre-medicine, pre-veterinary, pre-law, and pre-dentistry.

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The following additional coursework will be required to complete the Bachelor of Arts in Mathematics degree at Kent State University after a student has completed an Associate of Science Ohio Guaranteed Mathematics (AS to BA) Transfer Pathway degree. Some bachelor-degree granting programs may be competitive and admission into the program is not guaranteed. Students should check with individual institutions for their program admission requirements.

REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE		Course Number	Credit Hours
University Requirement:	Domestic Diversity Course (if not already completed during the associate degree)[1]	Varies	0-3
University Requirement:	Global Diversity Course (if not already completed during the associate degree)[1]	Varies	0-3
College Requirement:	Four Foreign Language Courses	Varies	14-16
College General Requirement:	One Additional Kent Core Social Sciences Course[2]	Varies	3
College General Requirement:	One Additional Kent Core Basic Sciences Course[2]	Varies	3
Major Requirement:	Decision-Making Under Uncertainty	MATH 20011	3
Major Requirement:	Proofs in Discrete Mathematics	MATH 31011	3
Major Requirement:	Modern Algebra I or Analysis I	MATH 41001 or MATH 42001	3
Major Requirement:	Modern Algebra II or Analysis II	MATH 41002 or MATH 42002	3
Major Requirement:	Mathematics Electives	Varies	6
Major Requirement:	Computer Programming Elective	Varies	3-4
General Electives:	General Electives[3]	Varies	21
REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:[4]			62-65

Advising Notes:

[1] Students must complete the Kent State diversity course requirement, which includes one course with a domestic diversity focus and one course with a global diversity focus from the approved list. These can often be fulfilled as part of the associate degree with careful course selection. Please work with your advisor to identify appropriate courses.

[2] Completion of the Ohio Transfer 36 will satisfy the entire set of Kent Core requirements. College General Requirements for students pursuing a B.A. in the College of Arts and Sciences are not covered by the Ohio Transfer 36, though they may be covered in additional coursework. Please reach out to pathways@kent.edu with questions.

[3] The College of Arts and Sciences requires that students successfully complete a minimum of 42 upper-division credit hours.

[4] Kent State requires a total of 120 credits hours for bachelor's degree completion. The total number of hours to complete the bachelor's degree represents a range of hours that may be needed depending on the individual course selections made during the associate degree program.

COMPLETE BACHELOR'S DEGREE	Total Credit Hours
BACHELOR'S DEGREE TOTAL:	120

SPECIAL NOTES

For more information, please contact:
Department of Mathematical Sciences
pathways@kent.edu
https://www.kent.edu/math

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SAMPLE DEGREE MAP

THIRD YEAR

SEMESTER 5	
Course Name & Number	Credit Hours
Computer Programming Elective	3-4
Foreign Language	4
Kent Core Social Science Course	3
MATH 31011 Proofs in Discrete Mathematics	3
Upper Division General Elective	3
Total Semester 5 Credit Hours	16-17

SEMESTER 6	
Course Name & Number	Credit Hours
Foreign Language	4
MATH 20011 Decision-Making Under Uncertainty	3
Kent Core Basic Science Course	3
Upper Division Mathematics Elective	3
Upper Division General Elective	3
Total Semester 6 Credit Hours	16

FOURTH YEAR

SEMESTER 7	
Course Name & Number	Credit Hours
MATH 41001 Modern Algebra I or MATH 42001 Analysis I	3
Foreign Language	3-4
Upper Division General Elective	3
Upper Division General Elective	3
Upper Division General Elective	3
Total Semester 7 Credit Hours	15-16

SEMESTER 8	
Course Name & Number	Credit Hours
MATH 41002 Modern Algebra II or MATH 42002 Analysis II	3
Upper Division Mathematics Elective	3
Foreign Language	3-4
Upper Division General Elective	3
Upper Division General Elective	3
Total Semester 8 Credit Hours	15-16