

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	3
Elementary Differential Equations (OMT020)	MATH 32044	3
OTHER RECOMMENDATIONS		
General Electives ¹	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 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.

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
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 ²	Varies	27
REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:³			62-65

Advising Notes:

Completion of the Ohio Transfer 36 will satisfy the entire set of Kent Core requirements.

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 The College of Arts and Sciences requires that students successfully complete a minimum of 39 upper-division credit hours.

³ 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:
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SAMPLE DEGREE MAP

THIRD YEAR

SEMESTER 5		SEMESTER 6	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
Computer Programming Elective	3-4	Foreign Language	4
Foreign Language	4	MATH 20011 Decision-Making Under Uncertainty	3
General Electives	6	General Elective	3
MATH 31011 Proofs in Discrete Mathematics	3	Upper Division Mathematics Elective	3
		Upper Division General Elective	3
Total Semester 5 Credit Hours	16-17	Total Semester 6 Credit Hours	16

FOURTH YEAR

SEMESTER 7		SEMESTER 8	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
MATH 41001 Modern Algebra I or MATH 42001 Analysis I	3	MATH 41002 Modern Algebra II or MATH 42002 Analysis II	3
Foreign Language	3-4	Upper Division Mathematics Elective	3
Upper Division General Elective	3	Foreign Language	3-4
Upper Division General Elective	3	Upper Division General Elective	3
Upper Division General Elective	3	Upper Division General Elective	3
Total Semester 7 Credit Hours	15-16	Total Semester 8 Credit Hours	15-16